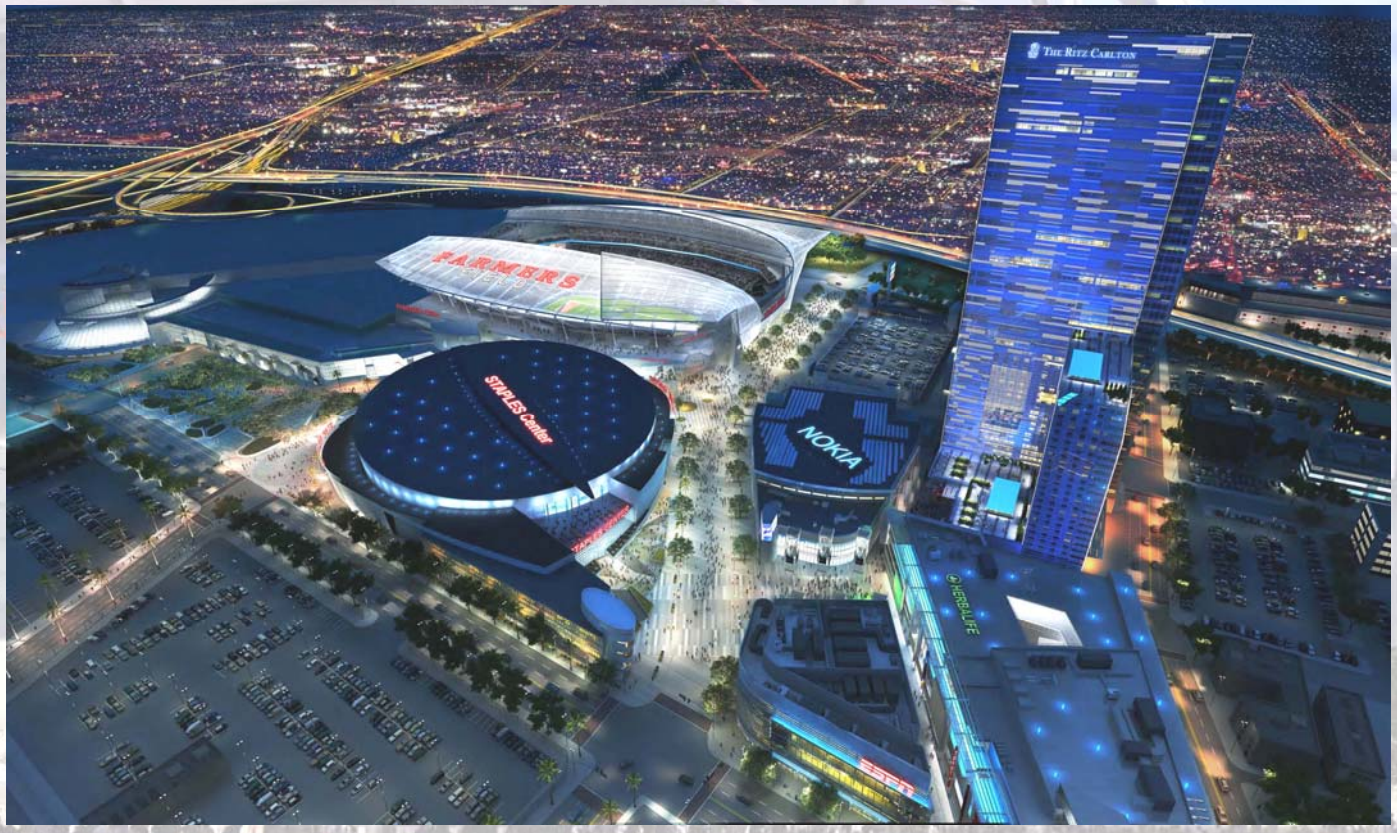
Appendix I.1 (Continued)

EIR Transportation Study

Convention Center Modernization and Farmers Field Project

EIR Transportation Study

CMA Level of Service Sheets



March 21, 2012

Prepared by

The **Mobility** Group

Contents

1. CMA Sheets for

   Existing Conditions
   Existing With Project Conditions
   Future Without Project Conditions
   Future With Project Conditions
   Future With Project With Mitigation Conditions

2. CMA Sheets for

   Future With Project Compared to LACC Dark Conditions

3. CMA Sheets for

   Future With Project With Concurrent Coliseum and Dodger Stadium Events

4. CMA Sheets for

   Future With Project With Concurrent Auto Show Event

Intersection Level of Service / CMA Calculations

1 CMA Sheets For

Existing Conditions
Existing With Project Conditions
Future Without Project Conditions
Future With Project Conditions
Future With Project With Mitigation Conditions

Notes:

Added Volume Column under EXISTING PLUS PROJECT represents:
Project Only Volumes for Existing With Project Conditions including street closures

Added Volume Column under FUTURE CONDITION W/O PROJECT represents:
Added Volumes for Related Projects

Added Volume Column under FUTURE CONDITION W/ PROJECT represents:
Project Only Volumes for Future With Project Conditions including street closures

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	1	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	11	0	11	0	11	11	29	40	0	**40**	0	40	0	40	0	40	0	40
		Left-Through		1							1				1				1	
		Through	34	1	23	-6	28	20	22	56	1	48	-6	50	1	45	0	50	1	45
		Through-Right		0							0				0				0	
		Right	86	1	**48**	47	133	**73**	8	95	1	18	105	200	1	**101**	0	200	1	**101**
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	8	0	**8**	0	8	**8**	0	8	0	8	0	8	0	**8**	0	8	0	**8**
		Left-Through		0							0				0				0	
		Through	2	0	23	0	2	23	0	2	0	**53**	0	2	0	53	0	2	0	53
		Through-Right		0							0				0				0	
		Right	13	0	0	0	13	0	30	43	0	0	0	43	0	0	0	43	0	0
		Left-Through-Right		1							1				1				1	
		Left-Right		0							0				0				0	
EASTBOUND		Left	146	1	**146**	114	260	**260**	41	189	1	**189**	114	303	1	**303**	0	303	1	**303**
		Left-Through		0							0				0				0	
		Through	776	3	259	442	1218	406	168	953	3	318	442	1395	3	465	0	1395	3	465
		Through-Right		0							0				0				0	
		Right	32	1	32	88	120	120	31	63	1	63	88	151	1	151	0	151	1	151
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	38	1	38	22	60	60	39	77	1	77	22	99	1	99	0	99	1	99
		Left-Through		0							0				0				0	
		Through	615	2	**232**	62	677	**263**	163	785	2	**308**	108	893	2	**354**	0	893	2	**354**
		Through-Right		1							1				1				1	
		Right	82	0	82	31	113	113	55	138	0	138	31	169	0	169	0	169	0	169
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		56	North-South:		81	North-South:			93	North-South:			109	North-South:			109
			East-West:		378	East-West:		523	East-West:			497	East-West:			657	East-West:			657
			SUM:		434	SUM:		604	SUM:			590	SUM:			766	SUM:			766
	VOLUME/CAPACITY (V/C) RATIO:				0.305			0.424				0.414				0.538				0.538
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.205**			**0.324**				**0.314**				**0.438**				**0.438**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

NB--	3	SB--	EB--	0	WB--	ATSAC-1 or ATSAC+ATCS-2?	2	Override Capacity	0

PROJECT IMPACT

Change in v/c due to project: **0.124** Δv/c after mitigation: **0.124**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	2	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
		Left-Through		1							1				1				1	
		Through	2	0	**11**	0	2	**11**	0	2	0	**11**	0	2	0	**11**	0	2	0	**11**
		Through-Right		0							0				0				0	
		Right	11	1	0	0	11	0	0	11	1	0	0	11	1	0	0	11	1	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	4	1	4	0	4	4	40	44	1	**44**	0	44	1	**44**	0	44	1	**44**
		Left-Through		0							0				0				0	
		Through	3	0	**37**	0	3	**37**	0	3	0	37	0	3	0	37	0	3	0	37
		Through-Right		1							1				1				1	
		Right	34	0	0	0	34	0	0	34	0	0	0	34	0	0	0	34	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	115	1	**115**	16	131	131	0	116	1	**116**	16	132	1	132	0	132	1	132
		Left-Through		0							0				0				0	
		Through	640	2	255	474	1114	**413**	176	824	2	316	532	1356	2	**494**	0	1356	2	**494**
		Through-Right		1							1				1				1	
		Right	124	0	124	0	124	124	0	125	0	125	0	125	0	125	0	125	0	125
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	47	1	47	217	264	**264**	0	48	1	48	217	265	1	**265**	0	265	1	**265**
		Left-Through		0							0				0				0	
		Through	715	2	**269**	115	830	352	257	981	2	**370**	161	1142	2	468	0	1142	2	468
		Through-Right		1							1				1				1	
		Right	93	0	93	133	226	226	35	129	0	129	133	262	0	262	0	262	0	262
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		48	North-South:		48	North-South:			55	North-South:			55	North-South:			55
			East-West:		384	East-West:		677	East-West:			486	East-West:			759	East-West:			759
			SUM:		432	SUM:		725	SUM:			541	SUM:			814	SUM:			814
	VOLUME/CAPACITY (V/C) RATIO:				0.314			0.527				0.393				0.592				0.592
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.214**			**0.427**				**0.293**				**0.492**				**0.492**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

NB--	3	SB--	EB--	0	WB--	ATSAC-1 or ATSAC+ATCS-2?	2	Override Capacity	0

PROJECT IMPACT

Change in v/c due to project: **0.199** Δv/c after mitigation: **0.199**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	3	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	149	1	**149**	49	198	**198**	120	271	1	**271**	49	320	1	**320**	0	320	1	**320**
		Left-Through		0							0				0				0	
		Through	473	4	118	47	520	130	472	951	4	238	39	990	4	248	0	990	4	248
		Through-Right		0							0				0				0	
		Right	84	1	59	0	84	54	48	133	1	95	0	133	1	90	0	133	1	90
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through		0							0				0				0	
		Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
		Through-Right		0							0				0				0	
		Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	122	1	**122**	125	247	**247**	12	135	1	**135**	125	260	1	**260**	0	260	1	**260**
		Left-Through		0							0				0				0	
		Through	419	3	140	82	501	167	168	592	3	197	82	674	3	225	0	674	3	225
		Through-Right		0							0				0				0	
		Right	120	1	0	267	387	189	36	157	1	0	325	482	1	162	0	482	1	162
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	50	1	50	10	60	60	25	76	1	76	10	86	1	86	0	86	1	86
		Left-Through		0							0				0				0	
		Through	705	3	**235**	416	1121	**374**	172	886	3	**295**	462	1348	3	**449**	0	1348	3	**449**
		Through-Right		0							0				0				0	
		Right	144	1	144	139	283	283	53	199	1	199	139	338	1	338	0	338	1	338
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		149	North-South:		198	North-South:			271	North-South:			320	North-South:			320
			East-West:		357	East-West:		621	East-West:			430	East-West:			709	East-West:			709
			SUM:		506	SUM:		819	SUM:			701	SUM:			1029	SUM:			1029
	VOLUME/CAPACITY (V/C) RATIO:				0.355			0.575				0.492				0.722				0.722
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.255**			**0.475**				**0.392**				**0.622**				**0.622**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**B**				**B**

NB--	0	SB--	EB--	3	WB--	ATSAC-1 or ATSAC+ATCS-2?	2	Override Capacity	0

PROJECT IMPACT

Change in v/c due to project: **0.230** Δv/c after mitigation: **0.230**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	4	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
		Left-Through		0							0				0				0	
		Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Through-Right		0							0				0				0	
		Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	54	0	54	53	107	107	20	75	0	75	53	128	0	128	0	128	0	128
		Left-Through		1							1				1				1	
		Through	380	3	109	-1	379	122	522	907	3	246	-1	906	3	259	0	906	3	259
		Through-Right		0							0				0				0	
		Right	307	1	**307**	233	540	**540**	31	342	1	**342**	233	575	1	**575**	0	575	1	**575**
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
		Left-Through		0							0				0				0	
		Through	451	2	226	50	501	**251**	204	660	2	330	50	710	2	355	0	710	2	355
		Through-Right		0							0				0				0	
		Right	37	1	37	31	68	68	12	49	1	49	31	80	1	80	0	80	1	80
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	24	1	24	169	193	**193**	11	35	1	35	169	204	1	204	0	204	1	204
		Left-Through		0							0				0				0	
		Through	603	2	**302**	276	879	440	219	829	2	**415**	322	1151	2	**576**	0	1151	2	**576**
		Through-Right		0							0				0				0	
		Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		307	North-South:		540	North-South:			342	North-South:			575	North-South:			575
			East-West:		302	East-West:		444	East-West:			415	East-West:			576	East-West:			576
			SUM:		609	SUM:		984	SUM:			757	SUM:			1151	SUM:			1151
	VOLUME/CAPACITY (V/C) RATIO:				0.406			0.656				0.505				0.767				0.767
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.306**			**0.556**				**0.405**				**0.667**				**0.667**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**B**				**B**

NB--	0	SB--	EB--	0	WB--	ATSAC-1 or ATSAC+ATCS-2?	2	Override Capacity	0

PROJECT IMPACT

Change in v/c due to project: **0.262** Δv/c after mitigation: **0.262**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	5	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

	MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	27	1	27	0	27	27	57	84	1	84	0	84	1	84	0	84	1	84
	Left-Through		0							0				0				0	
	Through	246	4	62	39	285	71	285	534	4	134	39	573	4	143	0	573	4	143
	Through-Right		0							0				0				0	
	Right	100	1	**100**	34	134	**134**	53	154	1	**154**	34	188	1	**188**	0	188	1	**188**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	414	1	**240**	-3	411	248	170	589	1	**349**	-3	586	1	357	0	586	1	357
	Through-Right		1							1				1				1	
	Right	66	0	66	18	84	84	42	109	0	109	18	127	0	127	0	127	0	127
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	44	1	**44**	0	44	44	10	55	1	**55**	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	491	2	246	292	783	**392**	172	669	2	335	338	1007	2	**504**	0	1007	2	**504**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	100		North-South:	134		North-South:	154			North-South:	188			North-South:	188	
			East-West:	284		East-West:	392		East-West:	404			East-West:	504			East-West:	504	
			SUM:	384		SUM:	526		SUM:	558			SUM:	692			SUM:	692	
	VOLUME/CAPACITY (V/C) RATIO:			0.256			0.351			0.372				0.461				0.461	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.156			0.251			0.272				0.361				0.361	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.089 | Δv/c after mitigation: 0.089 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	6	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

	MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	81	0	**81**	217	298	**298**	29	111	0	111	263	374	0	**374**	0	374	0	**374**
	Left-Through		1							1				1				1	
	Through	181	2	70	34	215	155	294	477	2	**154**	34	511	2	259	0	511	2	259
	Through-Right		1							1				1				1	
	Right	16	0	70	91	107	155	11	27	0	154	122	149	0	259	0	149	0	259
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	51	1	**51**	0	51	**51**	62	114	1	**114**	0	114	1	**114**	0	114	1	**114**
	Left-Through		0							0				0				0	
	Through	402	2	201	-3	399	200	165	572	2	286	-3	569	2	285	0	569	2	285
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	455	1	**235**	74	529	**272**	152	612	1	**336**	74	686	1	**373**	0	686	1	**373**
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	45	59	0	59	0	59	0	59	0	59	0	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	81		North-South:	298		North-South:	154			North-South:	374			North-South:	374	
			East-West:	286		East-West:	323		East-West:	450			East-West:	487			East-West:	487	
			SUM:	367		SUM:	621		SUM:	604			SUM:	861			SUM:	861	
	VOLUME/CAPACITY (V/C) RATIO:			0.245			0.414			0.403				0.574				0.574	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.145			0.314			0.303				0.474				0.474	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.171 | Δv/c after mitigation: 0.171 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	7	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

	MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	9	1	**9**	6	15	**15**	39	48	1	**48**	6	54	1	**54**	0	54	1	**54**
	Left-Through		0							0				0				0	
	Through	68	1	43	0	68	43	88	157	1	141	0	157	1	141	0	157	1	141
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	107	124	0	124	0	124	0	124	0	124	0	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	26	1	26	0	26	26	3	29	1	29	0	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	151	2	**76**	0	151	**76**	166	319	2	**160**	0	319	2	**160**	0	319	2	**160**
	Through-Right		0							0				0				0	
	Right	57	1	38	13	70	51	21	79	1	51	13	92	1	64	0	92	1	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	39	1	**39**	0	39	**39**	18	57	1	**57**	0	57	1	**57**	0	57	1	**57**
	Left-Through		0							0				0				0	
	Through	361	1	192	-3	358	191	121	486	1	274	-3	483	1	272	0	483	1	272
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	38	61	0	61	0	61	0	61	0	61	0	61
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	10	1	10	12	22	22	65	75	1	75	12	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	411	1	**224**	55	466	**251**	137	553	1	**299**	55	608	1	**327**	0	608	1	**327**
	Through-Right		1							1				1				1	
	Right	36	0	36	0	36	36	9	45	0	45	0	45	0	45	0	45	0	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	85		North-South:	91		North-South:	208			North-South:	214			North-South:	214	
			East-West:	263		East-West:	290		East-West:	356			East-West:	384			East-West:	384	
			SUM:	348		SUM:	381		SUM:	564			SUM:	598			SUM:	598	
	VOLUME/CAPACITY (V/C) RATIO:			0.232			0.254			0.376				0.399				0.399	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.132			0.154			0.276				0.299				0.299	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.023 | Δv/c after mitigation: 0.023 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	8	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

	MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	22	1	22	0	22	22	25	47	1	**47**	0	47	1	**47**	0	47	1	**47**
	Left-Through		0							0				0				0	
	Through	248	1	**143**	0	248	**143**	63	314	1	176	0	314	1	176	0	314	1	176
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	73	1	**73**	0	73	**73**	13	87	1	87	0	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	226	1	148	0	226	148	108	337	0	**436**	0	337	0	**436**	0	337	0	**436**
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	29	99	0	0	0	99	0	0	0	99	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	33	1	**33**	0	33	**33**	53	86	1	**86**	0	86	1	**86**	0	86	1	**86**
	Left-Through		0							0				0				0	
	Through	358	1	186	-3	355	185	138	500	1	277	-3	497	1	275	0	497	1	275
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	39	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	30	1	30	0	30	30	0	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	373	1	**212**	67	440	**246**	158	535	1	**294**	67	602	1	**328**	0	602	1	**328**
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	1	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	216		North-South:	216		North-South:	483			North-South:	483			North-South:	483	
			East-West:	245		East-West:	279		East-West:	380			East-West:	414			East-West:	414	
			SUM:	461		SUM:	495		SUM:	863			SUM:	897			SUM:	897	
	VOLUME/CAPACITY (V/C) RATIO:			0.307			0.330			0.575				0.598				0.598	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.207			0.230			0.475				0.498				0.498	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.023 | Δv/c after mitigation: 0.023 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	9	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	26	1	26	0	26	26	2	28	1	**28**	0	28	1	**28**	0	28	1	**28**
	Left-Through		0							0				0				0	
	Through	248	2	**124**	2	250	**125**	187	438	2	219	2	440	2	220	0	440	2	220
	Through-Right		0							0				0				0	
	Right	60	1	49	0	60	49	3	64	1	52	0	64	1	52	0	64	1	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	1	**44**	0	44	**44**	10	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	249	2	125	20	269	135	172	424	1	**424**	20	444	1	**444**	0	444	1	**444**
	Through-Right		0							0				0				0	
	Right	127	1	100	31	158	132	42	171	1	125	31	202	1	158	0	202	1	158
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	55	1	55	-3	52	**52**	36	92	1	**92**	-3	89	1	**89**	0	89	1	**89**
	Left-Through		0							0				0				0	
	Through	383	1	**205**	0	383	205	116	504	1	266	0	504	1	266	0	504	1	266
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	0	27	0	27	0	27	0	27	0	27	0	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	1	**22**	0	22	22	2	24	1	24	0	24	1	24	0	24	1	24
	Left-Through		0							0				0				0	
	Through	292	1	165	36	328	**183**	115	411	1	**229**	36	447	1	**247**	0	447	1	**247**
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	9	47	0	47	0	47	0	47	0	47	0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		168	North-South:		169	North-South:			452	North-South:			472	North-South:			472
		East-West:		227	East-West:		235	East-West:			321	East-West:			336	East-West:			336
		SUM:		395	SUM:		404	SUM:			773	SUM:			808	SUM:			808
VOLUME/CAPACITY (V/C) RATIO:				0.277			0.284				0.542				0.567				0.567
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.177			0.184				0.442				0.467				0.467
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.025 Δv/c after mitigation: 0.025

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	10	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	33	1	33	0	33	33	5	38	1	38	0	38	1	38	0	38	1	38
	Left-Through		0							0				0				0	
	Through	188	1	**137**	0	188	**137**	12	202	1	**144**	0	202	1	**144**	0	202	1	**144**
	Through-Right		1							1				1				1	
	Right	85	0	85	0	85	85	0	86	0	86	0	86	0	86	0	86	0	86
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	93	1	**93**	0	93	**93**	0	94	1	**94**	0	94	1	**94**	0	94	1	**94**
	Left-Through		0							0				0				0	
	Through	222	1	149	0	222	149	26	251	1	164	0	251	1	164	0	251	1	164
	Through-Right		1							1				1				1	
	Right	75	0	75	0	75	75	0	76	0	76	0	76	0	76	0	76	0	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	48	1	48	0	48	48	0	49	1	49	0	49	1	49	0	49	1	49
	Left-Through		0							0				0				0	
	Through	349	1	**207**	0	349	**207**	118	471	1	**270**	0	471	1	**270**	0	471	1	**270**
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	3	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	36	1	**36**	0	36	**36**	0	36	1	**36**	0	36	1	**36**	0	36	1	**36**
	Left-Through		0							0				0				0	
	Through	253	1	153	36	289	171	118	374	1	214	36	410	1	232	0	410	1	232
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		230	North-South:		230	North-South:			238	North-South:			238	North-South:			238
		East-West:		243	East-West:		243	East-West:			306	East-West:			306	East-West:			306
		SUM:		473	SUM:		473	SUM:			544	SUM:			544	SUM:			544
VOLUME/CAPACITY (V/C) RATIO:				0.315			0.315				0.363				0.363				0.363
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.215			0.215				0.263				0.263				0.263
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	11	North-South Street:	Santee	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	30	0	**30**	0	30	**30**	0	30	0	**30**	0	30	0	**30**	0	30	0	**30**
	Left-Through		0							0				0				0	
	Through	65	0	162	0	65	162	0	66	0	164	0	66	0	164	0	66	0	164
	Through-Right		0							0				0				0	
	Right	67	0	0	0	67	0	0	68	0	0	0	68	0	0	0	68	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	0	17	0	17	17	2	19	0	19	0	19	0	19	0	19	0	19
	Left-Through		0							0				0				0	
	Through	64	0	**197**	0	64	**197**	0	65	0	**201**	0	65	0	**201**	0	65	0	**201**
	Through-Right		0							0				0				0	
	Right	116	0	0	0	116	0	0	117	0	0	0	117	0	0	0	117	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	382	1	**243**	0	382	**243**	118	505	1	**305**	0	505	1	**305**	0	505	1	**305**
	Through-Right		1							1				1				1	
	Right	103	0	103	0	103	103	0	104	0	104	0	104	0	104	0	104	0	104
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	1	**22**	0	22	**22**	0	22	1	**22**	0	22	1	**22**	0	22	1	**22**
	Left-Through		0							0				0				0	
	Through	178	1	104	36	214	122	118	298	1	165	36	334	1	183	0	334	1	183
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	1	31	0	31	0	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		227	North-South:		227	North-South:			231	North-South:			231	North-South:			231
		East-West:		265	East-West:		265	East-West:			327	East-West:			327	East-West:			327
		SUM:		492	SUM:		492	SUM:			558	SUM:			558	SUM:			558
VOLUME/CAPACITY (V/C) RATIO:				0.328			0.328				0.372				0.372				0.372
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.228			0.228				0.272				0.272				0.272
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	12	North-South Street:	Maple	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	54	1	**54**	0	54	**54**	2	57	1	**57**	0	57	1	**57**	0	57	1	**57**
	Left-Through		0							0				0				0	
	Through	169	0	231	0	169	231	2	173	0	236	0	173	0	236	0	173	0	236
	Through-Right		1							1				1				1	
	Right	62	0	0	0	62	0	0	63	0	0	0	63	0	0	0	63	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	38	1	**38**	0	38	**38**	0	38	1	**38**	0	38	1	**38**	0	38	1	**38**
	Left-Through		0							0				0				0	
	Through	190	0	**265**	0	190	**265**	0	192	0	**268**	0	192	0	**268**	0	192	0	**268**
	Through-Right		1							1				1				1	
	Right	75	0	0	0	75	0	0	76	0	0	0	76	0	0	0	76	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	68	1	68	0	68	68	0	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	255	1	**255**	0	255	**255**	116	374	1	**374**	0	374	1	**374**	0	374	1	**374**
	Through-Right		0							0				0				0	
	Right	133	1	106	0	133	106	4	139	1	111	0	139	1	111	0	139	1	111
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	1	**14**	0	14	**14**	0	14	1	**14**	0	14	1	**14**	0	14	1	**14**
	Left-Through		0							0				0				0	
	Through	102	0	139	36	138	175	116	219	0	256	36	255	0	292	0	255	0	292
	Through-Right		1							1				1				1	
	Right	37	0	0	0	37	0	0	37	0	0	0	37	0	0	0	37	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		319	North-South:		319	North-South:			325	North-South:			325	North-South:			325
		East-West:		269	East-West:		269	East-West:			388	East-West:			388	East-West:			388
		SUM:		588	SUM:		588	SUM:			713	SUM:			713	SUM:			713
VOLUME/CAPACITY (V/C) RATIO:				0.392			0.392				0.475				0.475				0.475
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.292			0.292				0.375				0.375				0.375
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	13	North-South Street:	Maple	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through		0							0				0				0	
	Through	157	0	264	0	157	264	2	161	0	269	0	161	0	269	0	161	0	269
	Through-Right		0							0				0				0	
	Right	89	0	0	0	89	0	0	90	0	0	0	90	0	0	0	90	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through		0							0				0				0	
	Through	142	0	205	0	142	205	0	144	0	207	0	144	0	207	0	144	0	207
	Through-Right		0							0				0				0	
	Right	41	0	0	0	41	0	0	41	0	0	0	41	0	0	0	41	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through		1							1				1				1	
	Through	349	0	238	2	351	239	151	504	0	327	2	506	0	328	0	506	0	328
	Through-Right		1							1				1				1	
	Right	103	0	238	0	103	239	0	104	0	327	0	104	0	328	0	104	0	328
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	88	0	88	0	88	88	0	89	0	89	0	89	0	89	0	89	0	89
	Left-Through		1							1				1				1	
	Through	235	0	237	0	235	237	0	238	0	302	0	238	0	302	0	238	0	302
	Through-Right		1							1				1				1	
	Right	63	0	237	0	63	237	0	64	0	0	0	64	0	0	0	64	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		286	North-South:		286	North-South:			291	North-South:			291	North-South:			291
		East-West:		326	East-West:		327	East-West:			416	East-West:			417	East-West:			417
		SUM:		612	SUM:		613	SUM:			707	SUM:			708	SUM:			708
VOLUME/CAPACITY (V/C) RATIO:				0.408			0.409				0.471				0.472				0.472
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.308			0.309				0.371				0.372				0.372
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	14	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	67	1	67	0	67	67	0	68	1	68	0	68	1	68	0	68	1	68
	Left-Through		0							0				0				0	
	Through	337	1	216	0	337	216	3	344	1	220	0	344	1	220	0	344	1	220
	Through-Right		1							1				1				1	
	Right	94	0	94	0	94	94	0	95	0	95	0	95	0	95	0	95	0	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	1	36	0	36	36	0	36	1	36	0	36	1	36	0	36	1	36
	Left-Through		0							0				0				0	
	Through	252	1	154	0	252	154	0	255	1	156	0	255	1	156	0	255	1	156
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	48	0	48	0	48	48	0	49	0	49	0	49	0	49	0	49	0	49
	Left-Through		1							1				1				1	
	Through	215	0	189	2	217	190	149	367	0	267	2	369	0	268	0	369	0	268
	Through-Right		1							1				1				1	
	Right	66	0	189	0	66	190	2	69	0	267	0	69	0	268	0	69	0	268
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	53	0	53	36	89	89	0	54	0	54	36	90	0	90	0	90	0	90
	Left-Through		1							1				1				1	
	Through	345	0	234	0	345	252	0	349	0	265	0	349	0	301	0	349	0	301
	Through-Right		1							1				1				1	
	Right	69	0	234	0	69	252	2	72	0	265	0	72	0	301	0	72	0	301
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		252	North-South:		252	North-South:			256	North-South:			256	North-South:			256
		East-West:		282	East-West:		300	East-West:			321	East-West:			358	East-West:			358
		SUM:		534	SUM:		552	SUM:			577	SUM:			614	SUM:			614
VOLUME/CAPACITY (V/C) RATIO:				0.356			0.368				0.385				0.409				0.409
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.256			0.268				0.285				0.309				0.309
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.024 | Δv/c after mitigation: 0.024 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	15	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Chick Hearn Ct	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	120	1	120	-120	0	0	0	121	1	121	-121	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	419	2	191	-122	297	99	30	454	2	209	-153	301	2	100	0	301	2	100
	Through-Right		1							1				1				1	
	Right	153	0	153	-153	0	0	19	174	0	174	-174	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	82	0	82	0	82	82	0	83	0	83	0	83	0	83	0	83	0	83
	Left-Through		1							1				1				1	
	Through	57	0	139	125	182	204	38	96	1	179	86	182	0	208	0	182	1	208
	Through-Right		1							1				1				1	
	Right	196	0	136	-53	143	204	5	203	0	143	-53	150	0	208	0	150	0	208
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	40	1	40	-40	0	0	0	40	1	40	-40	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	62	2	31	-21	41	21	92	155	2	78	-108	47	2	24	0	47	2	24
	Through-Right		0							0				0				0	
	Right	34	1	34	-29	5	5	32	66	1	66	-59	7	1	7	0	7	1	7
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		191	North-South:		99	North-South:			209	North-South:			100	North-South:			100
		East-West:		179	East-West:		204	East-West:			219	East-West:			208	East-West:			208
		SUM:		370	SUM:		303	SUM:			428	SUM:			308	SUM:			308
VOLUME/CAPACITY (V/C) RATIO:				0.247			0.202				0.285				0.205				0.205
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.147			0.102				0.185				0.105				0.105
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: -0.080 | Δv/c after mitigation: -0.080 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	16	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 3 WB-- 3 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	37	1	37	-37	0	0	61	98	1	98	-98	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	623	3	160	74	697	179	596	1227	3	311	135	1362	3	345	0	1362	3	345
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	108	1	77	334	442	221	61	170	1	108	392	562	1	281	0	562	1	281
	Through-Right		1							1				1				1	
	Right	45	0	45	-45	0	0	0	46	0	46	-46	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	28	2	15	-28	0	0	0	28	2	15	-28	0	2	0	0	0	2	0
	Left-Through		0							0				0				0	
	Through	30	1	30	-30	0	0	0	30	1	30	-30	0	1	0	0	0	1	0
	Through-Right		0							0				0				0	
	Right	47	1	10	-47	0	0	57	105	1	7	-105	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	48	1	48	8	56	56	0	49	1	49	8	57	1	57	0	57	1	57
	Left-Through		0							0				0				0	
	Through	207	2	104	-207	0	0	75	284	2	142	-255	29	2	15	0	29	2	15
	Through-Right		0							0				0				0	
	Right	94	1	91	2	96	93	45	140	1	137	2	142	1	139	0	142	1	139
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		163	North-South:		221	North-South:			314	North-South:			348	North-South:			348
		East-West:		119	East-West:		93	East-West:			157	East-West:			139	East-West:			139
		SUM:		282	SUM:		314	SUM:			471	SUM:			487	SUM:			487
VOLUME/CAPACITY (V/C) RATIO:				0.205			0.228				0.343				0.354				0.354
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.105			0.128				0.243				0.254				0.254
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.011 | Δv/c after mitigation: 0.011 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
17	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	216	3	72	50	266	89	528	747	3	**249**	50	797	3	**266**	0	797	3	**266**
	Through-Right		0							0				0				0	
	Right	190	1	**190**	-3	187	**187**	17	209	1	209	-3	206	1	206	0	206	1	206
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	50	1	50	-30	20	20	0	51	1	**51**	-48	3	1	**3**	0	3	1	**3**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	1	14	0	14	14	179	193	1	**193**	0	193	1	**193**	0	193	1	**193**
	Left-Through		0							0				0				0	
	Through	163	2	**82**	-60	103	**52**	103	268	2	134	-106	162	2	81	0	162	2	81
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	190		*North-South:*	187			*North-South:*	249			*North-South:*	266			*North-South:*	266
			East-West:	82		*East-West:*	52			*East-West:*	244			*East-West:*	196			*East-West:*	196
			SUM:	272		*SUM:*	239			*SUM:*	493			*SUM:*	462			*SUM:*	462
	VOLUME/CAPACITY (*V/C*) RATIO:			0.191			0.168				0.346				0.324				0.324
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.095**			**0.084**				**0.246**				**0.224**				**0.224**
	LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**A**

	No. of Phases			3			3				3				3				3
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0				0				0				0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0
	ATSAC-1 or ATSAC+ATCS-2?			2			2				2				2				2
	Override Capacity			0			0				0				0				0

PROJECT IMPACT

Change in *v/c* due to project: -0.022 | *Δv/c* after mitigation: -0.022

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
18	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	293	3	**87**	56	349	**101**	315	612	3	**172**	56	668	3	**186**	0	668	3	**186**
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	22	76	0	76	0	76	0	76	0	76	0	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	28	1	28	282	310	**310**	168	196	1	196	282	478	1	**478**	0	478	1	**478**
	Left-Through		0							0				0				0	
	Through	150	2	**75**	5	155	78	285	437	2	**219**	-41	396	2	198	0	396	2	198
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	87		*North-South:*	101			*North-South:*	172			*North-South:*	186			*North-South:*	186
			East-West:	75		*East-West:*	310			*East-West:*	219			*East-West:*	478			*East-West:*	478
			SUM:	162		*SUM:*	411			*SUM:*	391			*SUM:*	664			*SUM:*	664
	VOLUME/CAPACITY (*V/C*) RATIO:			0.108			0.274				0.261				0.443				0.443
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.054**			**0.174**				**0.161**				**0.343**				**0.343**
	LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**A**

	No. of Phases			2			2				2				2				2
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0				0				0				0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0
	ATSAC-1 or ATSAC+ATCS-2?			2			2				2				2				2
	Override Capacity			0			0				0				0				0

PROJECT IMPACT

Change in *v/c* due to project: 0.182 | *Δv/c* after mitigation: 0.182

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
19	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	48	0	48	307	355	**355**	255	304	0	**304**	307	611	0	**611**	0	611	0	**611**
	Left-Through		1							1				1				1	
	Through	266	3	**79**	382	648	216	334	603	3	201	413	1016	3	339	0	1016	3	339
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	128	2	**64**	-21	107	54	181	311	2	**156**	-67	244	2	122	0	244	2	122
	Through-Right		0							0				0				0	
	Right	8	1	8	73	81	**81**	0	8	1	8	119	127	1	**127**	0	127	1	**127**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	79		*North-South:*	355			*North-South:*	304			*North-South:*	611			*North-South:*	611
			East-West:	64		*East-West:*	81			*East-West:*	156			*East-West:*	127			*East-West:*	127
			SUM:	143		*SUM:*	436			*SUM:*	460			*SUM:*	738			*SUM:*	738
	VOLUME/CAPACITY (*V/C*) RATIO:			0.095			0.291				0.307				0.492				0.492
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.048**			**0.191**				**0.207**				**0.392**				**0.392**
	LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**A**

	No. of Phases			2			2				2				2				2
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0				0				0				0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0
	ATSAC-1 or ATSAC+ATCS-2?			2			2				2				2				2
	Override Capacity			0			0				0				0				0

PROJECT IMPACT

Change in *v/c* due to project: 0.185 | *Δv/c* after mitigation: 0.185

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
20	East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	2	1	2	0	2	**2**	0	2	1	2	0	2	1	2	0	2	1	2
	Left-Through		0							0				0				0	
	Through	664	3	**168**	32	696	176	493	1165	3	**301**	32	1197	3	**309**	0	1197	3	**309**
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	30	38	0	38	0	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	1	**9**	0	9	9	8	17	1	**17**	0	17	1	**17**	0	17	1	**17**
	Left-Through		0							0				0				0	
	Through	173	2	87	283	456	**228**	54	229	2	115	283	512	2	256	0	512	2	256
	Through-Right		0							0				0				0	
	Right	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	1	**0**	0	0	**0**	0	0	1	**0**	0	0	1	**0**	0	0	1	**0**
	Left-Through		0							0				0				0	
	Through	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Through-Right		0							0				0				0	
	Right	1	1	0	0	1	0	0	1	1	0	0	1	1	0	0	1	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	0	0	**13**	0	0	**13**	0	0	0	**13**	0	0	0	**13**	0	0	0	**13**
	Through-Right		1							1				1				1	
	Right	13	0	0	0	13	0	0	13	0	0	0	13	0	0	0	13	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	177		*North-South:*	230			*North-South:*	318			*North-South:*	326			*North-South:*	326
			East-West:	13		*East-West:*	13			*East-West:*	13			*East-West:*	13			*East-West:*	13
			SUM:	190		*SUM:*	243			*SUM:*	331			*SUM:*	339			*SUM:*	339
	VOLUME/CAPACITY (*V/C*) RATIO:			0.133			0.171				0.232				0.238				0.238
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.067**			**0.085**				**0.132**				**0.138**				**0.138**
	LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**A**

	No. of Phases			3			3				3				3				3
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0				0				0				0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0
	ATSAC-1 or ATSAC+ATCS-2?			2			2				2				2				2
	Override Capacity			0			0				0				0				0

PROJECT IMPACT

Change in *v/c* due to project: 0.006 | *Δv/c* after mitigation: 0.006

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	21	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	57	1	57	0	57	57	115	173	1	173	0	173	1	173	0	173	1	173
	↰	Left-Through		0							0				0				0	
	↑	Through	201	2	75	20	221	82	481	684	2	236	2	686	2	237	0	686	1	355
	↱	Through-Right		1							1				1				1	
	↱	Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	→	Through	17	1	9	0	17	9	38	55	1	28	0	55	1	28	0	55	1	28
	↱	Through-Right		1							1				1				1	
	↱	Right	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		75	North-South:		82	North-South:			236	North-South:			237	North-South:			355
			East-West:		9	East-West:		9	East-West:			28	East-West:			28	East-West:			28
			SUM:		84	SUM:		91	SUM:			264	SUM:			265	SUM:			383
	VOLUME/CAPACITY (V/C) RATIO:				0.056			0.061				0.176				0.177				0.255
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.028			0.030				0.088				0.088				0.155
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.067

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	22	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	50	0	50	0	50	50	29	80	0	80	0	80	0	80	0	80	0	80
	↰	Left-Through		1							1				1				1	
	↑	Through	273	3	81	42	315	91	393	669	3	187	42	711	3	198	0	711	3	198
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	→	Through	50	1	40	0	50	40	157	208	1	137	0	208	1	137	0	208	1	137
	↱	Through-Right		1							1				1				1	
	↱	Right	29	0	29	0	29	29	37	66	0	66	0	66	0	66	0	66	0	66
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		81	North-South:		91	North-South:			187	North-South:			198	North-South:			198
			East-West:		40	East-West:		40	East-West:			137	East-West:			137	East-West:			137
			SUM:		121	SUM:		131	SUM:			324	SUM:			335	SUM:			335
	VOLUME/CAPACITY (V/C) RATIO:				0.081			0.087				0.216				0.223				0.223
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.040			0.044				0.116				0.123				0.123
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.007 | Δv/c after mitigation: 0.007

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	23	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	269	3	90	779	1048	349	505	777	3	259	810	1587	3	529	0	1587	3	529
	↱	Through-Right		0							0				0				0	
	↱	Right	10	1	10	1	11	11	0	10	1	10	1	11	1	11	0	11	1	11
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	36	0	36	0	36	36	89	125	0	125	0	125	0	125	0	125	0	125
	↰	Left-Through		1							1				1				1	
	→	Through	61	1	49	0	61	49	97	159	1	142	0	159	1	142	0	159	1	142
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		90	North-South:		349	North-South:			259	North-South:			529	North-South:			529
			East-West:		49	East-West:		49	East-West:			142	East-West:			142	East-West:			142
			SUM:		139	SUM:		398	SUM:			401	SUM:			671	SUM:			671
	VOLUME/CAPACITY (V/C) RATIO:				0.093			0.265				0.267				0.447				0.447
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.046			0.165				0.167				0.347				0.347
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.180 | Δv/c after mitigation: 0.180

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	24	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	552	2	304	118	670	369	0	559	2	307	118	677	2	372	0	677	2	372
	↰	Left-Through		0							0				0				0	
	↑	Through	612	2	306	89	701	351	49	668	2	334	33	701	2	351	0	701	2	351
	↱	Through-Right		0							0				0				0	
	↱	Right	191	1	191	306	497	497	34	227	1	227	337	564	1	564	0	564	1	564
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	141	2	78	-141	0	0	5	148	2	81	-148	0	2	0	0	0	2	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	8	2	0	166	174	96	0	8	2	0	166	174	2	96	0	174	2	96
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	142	1	142	-142	0	0	0	144	1	144	-144	0	1	0	0	0	1	0
	↰	Left-Through		0							0				0				0	
	→	Through	320	3	107	112	432	144	84	408	3	136	112	520	3	173	0	520	3	173
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	242	2	121	88	330	165	97	342	2	171	88	430	2	215	0	430	2	215
	↱	Through-Right		0							0				0				0	
	↱	Right	72	1	33	22	94	94	0	73	1	33	22	95	1	95	0	95	1	95
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		384	North-South:		593	North-South:			415	North-South:			660	North-South:			660
			East-West:		263	East-West:		165	East-West:			315	East-West:			215	East-West:			215
			SUM:		647	SUM:		758	SUM:			730	SUM:			875	SUM:			875
	VOLUME/CAPACITY (V/C) RATIO:				0.454			0.532				0.512				0.614				0.614
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.354			0.432				0.412				0.514				0.514
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.102 | Δv/c after mitigation: 0.102

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	25	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Bond	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3				3				3				3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			2			2			2				2				2				2		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	79	79	0	0	0	0	0	79	79	0	0	0	79	0	0
	Left-Through		0							0				0				0	
	Through	1285	3	428	719	2004	668	84	1384	3	461	698	2082	3	694	0	2082	3	694
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through		1							1				1				1	
	Through	0	0	2	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	2	0	40	0	2	2	0	2	0	41	0	2	0	2	0	2	0	2
	Through-Right		1							1				1				1	
	Right	78	1	0	-78	0	0	0	79	1	0	-79	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		428	North-South:		668	North-South:			461	North-South:			694	North-South:			694
		East-West:		42	East-West:		4	East-West:			43	East-West:			4	East-West:			4
		SUM:		470	SUM:		672	SUM:			504	SUM:			698	SUM:			698
VOLUME/CAPACITY (V/C) RATIO:				0.330			0.472				0.354				0.490				0.490
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.230			0.372				0.254				0.390				0.390
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.136 Δv/c after mitigation: 0.136

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	26	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4				4				4				4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3
	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	73	1	73	33	106	106	5	79	1	79	33	112	1	112	0	112	1	112
	Left-Through		0							0				0				0	
	Through	540	3	147	34	574	174	419	966	3	258	34	1000	3	285	0	1000	3	285
	Through-Right		1							1				1				1	
	Right	46	0	46	74	120	120	17	64	0	64	74	138	0	138	0	138	0	138
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	14	1	14	0	14	14	6	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	169	2	85	284	453	227	13	184	2	92	284	468	2	234	0	468	2	234
	Through-Right		0							0				0				0	
	Right	16	1	0	-1	15	0	22	38	1	0	-1	37	1	0	0	37	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	84	1	84	-2	82	82	62	147	1	147	-2	145	1	145	0	145	1	145
	Left-Through		0							0				0				0	
	Through	381	2	191	300	681	341	65	451	2	226	331	782	2	391	0	782	2	391
	Through-Right		0							0				0				0	
	Right	98	1	25	27	125	19	9	108	1	29	27	135	1	23	0	135	1	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	43	1	43	0	43	43	31	75	1	75	0	75	1	75	0	75	1	75
	Left-Through		0							0				0				0	
	Through	229	2	115	80	309	155	69	301	2	151	80	381	2	191	0	381	2	191
	Through-Right		0							0				0				0	
	Right	38	1	31	0	38	31	3	41	1	31	0	41	1	31	0	41	1	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		161	North-South:		333	North-South:			278	North-South:			346	North-South:			346
		East-West:		234	East-West:		384	East-West:			301	East-West:			466	East-West:			466
		SUM:		395	SUM:		717	SUM:			579	SUM:			812	SUM:			812
VOLUME/CAPACITY (V/C) RATIO:				0.287			0.521				0.421				0.591				0.591
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.187			0.421				0.321				0.491				0.491
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.170 Δv/c after mitigation: 0.170

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	27	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	2	0	0	0	2	0	15	17	0	0	0	17	0	0	0	17	0	0
	Left-Through		0							0				0				0	
	Through	163	2	67	-20	143	72	492	657	2	239	-38	619	2	240	0	619	1	360
	Through-Right		1							1				1				1	
	Right	37	0	37	40	77	77	24	61	0	61	40	101	0	101	0	101	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	344	1	223	365	709	404	127	475	1	293	396	871	1	490	0	871	1	490
	Through-Right		1							1				1				1	
	Right	102	0	102	-3	99	99	8	111	0	111	-3	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	13	0	13	0	13	13	-13	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		1							0				0				0	
	Through	283	1	155	48	331	192	82	368	2	184	48	416	2	208	0	416	2	208
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		67	North-South:		77	North-South:			239	North-South:			240	North-South:			360
		East-West:		236	East-West:		417	East-West:			293	East-West:			490	East-West:			490
		SUM:		303	SUM:		494	SUM:			532	SUM:			730	SUM:			850
VOLUME/CAPACITY (V/C) RATIO:				0.202			0.329				0.355				0.487				0.567
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.102			0.229				0.255				0.387				0.467
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.132 Δv/c after mitigation: 0.212

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	28	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	0	11	0	11	11	10	21	0	21	0	21	0	21	0	21	0	21
	Left-Through		1							1				1				1	
	Through	256	2	74	0	256	84	385	644	2	182	0	644	2	192	0	644	2	192
	Through-Right		1							1				1				1	
	Right	28	0	74	39	67	84	35	63	0	182	39	102	0	192	0	102	0	192
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	262	1	152	161	423	230	118	383	1	220	192	575	1	313	0	575	1	313
	Through-Right		1							1				1				1	
	Right	41	0	41	-5	36	36	15	56	0	56	-5	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	0	14	0	14	14	16	30	0	30	0	30	0	30	0	30	0	30
	Left-Through		1							1				1				1	
	Through	247	1	138	177	424	226	50	300	1	180	177	477	1	299	0	477	1	299
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		74	North-South:		84	North-South:			182	North-South:			192	North-South:			192
		East-West:		166	East-West:		244	East-West:			250	East-West:			343	East-West:			343
		SUM:		240	SUM:		328	SUM:			432	SUM:			535	SUM:			535
VOLUME/CAPACITY (V/C) RATIO:				0.160			0.219				0.288				0.357				0.357
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.080			0.119				0.188				0.257				0.257
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.069 Δv/c after mitigation: 0.069

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
29	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 1 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	34	0	34	158	192	192	16	50	0	50	158	208	0	208	0	208	0	208
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	242	3	69	745	987	295	463	708	3	190	745	1453	3	415	0	1453	3	415
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	16	1	16	79	95	95	31	47	1	47	79	126	1	126	0	126	1	126
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	16	0	16	111	127	127	38	54	0	54	142	196	0	196	0	196	0	196
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	259	1	138	51	310	282	90	352	1	203	51	403	1	398	0	403	1	398
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	225	1	119	18	243	153	51	279	1	148	18	297	1	183	0	297	1	183
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	12	0	12	51	63	63	5	17	0	17	51	68	0	68	0	68	0	68
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		69	North-South:		295	North-South:			190	North-South:			415	North-South:			415
	East-West:		138	East-West:		282	East-West:			203	East-West:			398	East-West:			398
	SUM:		207	SUM:		577	SUM:			393	SUM:			813	SUM:			813
VOLUME/CAPACITY (V/C) RATIO:			0.138			0.385				0.262				0.542				0.542
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.069			0.285				0.162				0.442				0.442
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.280 | Δv/c after mitigation: 0.280
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
30	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	13	1	13	25	38	38	4	17	1	17	25	42	1	42	0	42	1	42
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	78	1	45	701	779	395	78	157	1	85	701	858	1	436	0	858	1	436
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	11	0	11	0	11	11	2	13	0	13	0	13	0	13	0	13	0	13
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	8	1	8	0	8	8	6	14	1	14	0	14	1	14	0	14	1	14
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	148	1	85	3	151	86	168	318	1	174	3	321	1	176	0	321	1	176
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	21	0	21	0	21	21	9	30	0	30	0	30	0	30	0	30	0	30
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	6	0	6	49	55	55	8	14	0	14	49	63	0	63	0	63	0	63
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	252	0	137	-5	247	187	89	344	0	199	-5	339	0	252	0	339	0	252
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	16	0	137	0	16	187	23	39	0	199	0	39	0	252	0	39	0	252
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	8	0	8	11	19	19	1	9	0	9	11	20	0	20	0	20	0	20
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	206	0	110	77	283	183	42	250	0	142	77	327	0	220	0	327	0	220
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	6	0	110	58	64	183	9	15	0	142	58	73	0	220	0	73	0	220
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		98	North-South:		403	North-South:			191	North-South:			450	North-South:			450
	East-West:		145	East-West:		238	East-West:			208	East-West:			283	East-West:			283
	SUM:		243	SUM:		641	SUM:			399	SUM:			733	SUM:			733
VOLUME/CAPACITY (V/C) RATIO:			0.162			0.427				0.266				0.489				0.489
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.081			0.327				0.166				0.389				0.389
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.223 | Δv/c after mitigation: 0.223
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
31	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	33	1	33	80	113	113	0	33	1	33	80	113	1	113	0	113	1	113
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	250	1	137	41	291	158	65	318	1	171	41	359	1	192	0	359	1	192
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	11	1	11	0	11	11	0	11	1	11	0	11	1	11	0	11	1	11
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	202	1	118	0	202	117	122	326	1	184	0	326	1	183	0	326	1	183
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	33	0	33	-1	32	32	8	41	0	41	-1	40	0	40	0	40	0	40
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	40	1	40	0	40	40	17	57	1	57	0	57	1	57	0	57	1	57
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	221	1	221	-4	217	217	80	304	1	304	-4	300	1	300	0	300	1	300
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	23	1	7	-1	22	0	0	23	1	7	-1	22	1	0	0	22	1	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	16	1	16	0	16	16	0	16	1	16	0	16	1	16	0	16	1	16
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	151	0	171	67	218	238	44	197	0	217	67	264	0	284	0	264	0	284
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	20	0	0	0	20	0	0	20	0	0	0	20	0	0	0	20	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		151	North-South:		230	North-South:			217	North-South:			296	North-South:			296
	East-West:		237	East-West:		278	East-West:			320	East-West:			341	East-West:			341
	SUM:		388	SUM:		508	SUM:			537	SUM:			637	SUM:			637
VOLUME/CAPACITY (V/C) RATIO:			0.259			0.339				0.358				0.425				0.425
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.159			0.239				0.258				0.325				0.325
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.067 | Δv/c after mitigation: 0.067
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
32	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	244	1	141	1	245	142	112	359	2	180	1	360	2	180	0	360	2	180
NORTHBOUND Through-Right		1							1				0				0	
NORTHBOUND Right	38	0	38	0	38	38	0	38	1	38	0	38	1	38	0	38	1	38
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	15	1	15	0	15	15	0	15	1	15	0	15	1	15	0	15	1	15
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	203	1	116	12	215	130	121	326	0	363	12	338	0	390	0	338	0	390
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	29	0	29	15	44	44	8	37	0	0	15	52	0	0	0	52	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	47	1	47	1	48	48	37	85	1	85	1	86	1	86	0	86	1	86
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	161	0	195	-5	156	190	43	206	0	240	-5	201	0	235	0	201	0	235
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	34	0	0	0	34	0	0	34	0	0	0	34	0	0	0	34	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	176	0	236	52	228	288	36	214	0	276	52	266	0	328	0	266	0	328
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	52	0	0	0	52	0	1	54	0	0	0	54	0	0	0	54	0	0
WESTBOUND Left-Through-Right		1							1				1				1	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		156	North-South:		157	North-South:			388	North-South:			415	North-South:			415
	East-West:		283	East-West:		336	East-West:			361	East-West:			414	East-West:			414
	SUM:		439	SUM:		493	SUM:			749	SUM:			829	SUM:			829
VOLUME/CAPACITY (V/C) RATIO:			0.293			0.329				0.499				0.553				0.553
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.193			0.229				0.399				0.453				0.453
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.054 | Δv/c after mitigation: 0.054
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	33	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		139	0	139	0	139	139	21	162	0	162	0	162	0	162	0	162	0	162
	Left-Through			0							0				0				0	
	Through		1	0	**140**	0	1	140	0	1	0	163	0	1	0	163	0	1	0	163
	Through-Right			0							0				0				0	
	Right		195	1	136	220	415	**356**	72	269	1	**189**	220	489	1	**409**	0	489	1	**409**
	Left-Through-Right			1							1				1				1	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through			0							0				0				0	
	Through		51	0	**61**	0	51	**61**	0	52	0	**62**	0	52	0	**62**	0	52	0	**62**
	Through-Right			0							0				0				0	
	Right		2	0	0	0	2	0	0	2	0	0	0	2	0	0	0	2	0	0
	Left-Through-Right			1							1				1				1	
	Left-Right			0							0				0				0	
EASTBOUND	Left		2	1	2	0	2	2	0	2	1	2	0	2	1	2	0	2	1	2
	Left-Through			0							0				0				0	
	Through		596	2	**237**	428	1024	**380**	162	765	2	**295**	428	1193	2	**437**	0	1193	2	**437**
	Through-Right			1							1				1				1	
	Right		115	0	115	0	115	115	3	119	0	119	0	119	0	119	0	119	0	119
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		118	1	**118**	0	118	**118**	41	160	1	**160**	0	160	1	**160**	0	160	1	**160**
	Left-Through			0							0				0				0	
	Through		515	2	177	62	577	197	184	705	2	240	108	813	2	276	0	813	2	276
	Through-Right			1							1				1				1	
	Right		15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		201	*North-South:*		417	*North-South:*			251	*North-South:*			471	*North-South:*			471
			East-West:		355	*East-West:*		498	*East-West:*			455	*East-West:*			597	*East-West:*			597
			SUM:		556	*SUM:*		915	*SUM:*			706	*SUM:*			1068	*SUM:*			1068
	VOLUME/CAPACITY (*V/C*) RATIO:				0.404			0.665				0.513				0.777				0.777
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.304**			**0.565**				**0.413**				**0.677**				**0.677**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**B**				**B**

PROJECT IMPACT

Change in *v/c* due to project: **0.264** $\Delta v/c$ after mitigation: **0.264**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	34	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	SR 110 SB Off-Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		292	2	**146**	0	292	**146**	44	340	2	**170**	0	340	2	**170**	0	340	1	**170**
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right			0							0				0				0	
	Right		0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		317	1	**317**	668	985	**985**	37	358	1	**358**	668	1026	1	**1026**	0	1026	1	**559**
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	559
	Through-Right			0							0				0				0	
	Right		336	2	185	220	556	306	92	432	2	238	220	652	2	359	0	652	1	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		146	*North-South:*		146	*North-South:*			170	*North-South:*			170	*North-South:*			170
			East-West:		317	*East-West:*		985	*East-West:*			358	*East-West:*			1026	*East-West:*			559
			SUM:		463	*SUM:*		1131	*SUM:*			528	*SUM:*			1196	*SUM:*			729
	VOLUME/CAPACITY (*V/C*) RATIO:				0.309			0.754				0.352				0.797				0.486
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.209**			**0.654**				**0.252**				**0.697**				**0.386**
	LEVEL OF SERVICE (LOS):				**A**			**B**				**A**				**B**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.445** $\Delta v/c$ after mitigation: **0.134**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	35	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/19/2012
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		263	1	145	128	391	215	37	303	1	167	128	431	1	237	0	431	1	431
	Left-Through			1							1				1				1	
	Through		303	0	**351**	540	843	**891**	44	351	0	**400**	540	891	0	**940**	0	891	1	**446**
	Through-Right			1							1				1				1	
	Right		48	0	48	0	48	48	0	49	0	49	0	49	0	49	0	49	0	49
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		78	1	78	-78	0	0	6	85	1	85	-85	0	1	0	0	0	1	0
	Through-Right			0							0				0				0	
	Right		150	1	**150**	0	150	**150**	0	152	1	**152**	0	152	1	**152**	0	152	1	**152**
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		81	0	81	-81	0	0	86	168	0	**168**	-119	49	0	49	0	49	1	49
	Left-Through			1							1				1				1	
	Through		101	1	91	-62	39	20	6	108	1	108	108	216	1	133	0	216	0	216
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		351	*North-South:*		891	*North-South:*			400	*North-South:*			940	*North-South:*			446
			East-West:		241	*East-West:*		170	*East-West:*			320	*East-West:*			285	*East-West:*			368
			SUM:		592	*SUM:*		1061	*SUM:*			720	*SUM:*			1225	*SUM:*			814
	VOLUME/CAPACITY (*V/C*) RATIO:				0.415			0.745				0.505				0.860				0.571
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.315**			**0.645**				**0.405**				**0.760**				**0.471**
	LEVEL OF SERVICE (LOS):				**A**			**B**				**A**				**C**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.355** $\Delta v/c$ after mitigation: **0.066**

Significant impacted? **YES** Fully mitigated? **YES**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	36	North-South Street:	Convention Center Drive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		59	1	**32**	11	70	**39**	0	60	1	**33**	11	71	1	**39**	0	71	1	**39**
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		14	1	1	9	23	2	0	14	1	1	9	23	1	2	0	23	1	2
	Left-Through-Right			0							0				0				0	
	Left-Right			1							1				1				1	
EASTBOUND	Left		26	1	**26**	16	42	**42**	0	26	1	**26**	16	42	1	**42**	0	42	1	**42**
	Left-Through			0							0				0				0	
	Through		320	2	160	160	480	240	31	355	2	178	180	535	2	268	0	535	2	268
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		282	2	**141**	0	282	141	59	344	2	**172**	0	344	2	172	0	344	2	172
	Through-Right			0							0				0				0	
	Right		156	1	124	319	475	**436**	13	171	1	138	319	490	1	**451**	0	490	1	**451**
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		32	*North-South:*		39	*North-South:*			33	*North-South:*			39	*North-South:*			39
			East-West:		167	*East-West:*		478	*East-West:*			198	*East-West:*			493	*East-West:*			493
			SUM:		199	*SUM:*		517	*SUM:*			231	*SUM:*			532	*SUM:*			532
	VOLUME/CAPACITY (*V/C*) RATIO:				0.133			0.345				0.154				0.355				0.355
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.066**			**0.245**				**0.077**				**0.255**				**0.255**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.178** $\Delta v/c$ after mitigation: **0.178**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	37	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4			4			4				4				4				4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0				0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--			3	NB-- 0 SB--			3	NB-- 0 SB--			3	
	EB-- 3 WB--			0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--			0	EB-- 3 WB--			0	EB-- 3 WB--			0	
ATSAC-1 or ATSAC+ATCS-2?				2			2			2				2				2				2	
Override Capacity				0			0			0				0				0				0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	75	1	**75**	35	110	**110**	0	76	1	76	35	111	1	**111**	0	111	1	**111**
	Left-Through		0							0				0				0	
	Through	542	3	146	93	635	170	315	864	3	**227**	93	957	3	251	0	957	3	251
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	1	45	0	45	0	45	0	45	0	45	0	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	1	11	2	13	13	4	15	1	**15**	2	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	231	2	**116**	93	324	162	40	274	2	137	93	367	2	184	0	367	2	184
	Through-Right		1							1				1				1	
	Right	26	1	0	220	246	**188**	27	53	1	0	220	273	1	**209**	0	273	1	**209**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	48	1	**48**	10	58	**58**	5	54	1	**54**	10	64	1	**64**	0	64	1	**64**
	Left-Through		0							0				0				0	
	Through	155	2	78	160	315	158	26	183	2	92	180	363	2	182	0	363	2	182
	Through-Right		0							0				0				0	
	Right	141	1	66	2	143	33	0	143	1	67	2	145	1	34	0	145	1	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	27	0	27	0	27	27	1	28	0	28	0	28	0	28	0	28	0	28
	Left-Through		1							1				1				1	
	Through	183	0	**121**	64	247	**222**	44	229	0	**168**	64	293	0	**255**	0	293	0	**255**
	Through-Right		1							1				1				1	
	Right	32	0	121	110	142	222	19	51	0	168	110	161	0	255	0	161	0	255
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		191	North-South:		298	North-South:			242	North-South:			320	North-South:			320
		East-West:		169	East-West:		280	East-West:			222	East-West:			319	East-West:			319
		SUM:		360	SUM:		578	SUM:			464	SUM:			639	SUM:			639
VOLUME/CAPACITY (V/C) RATIO:				0.262			0.420				0.337				0.465				0.465
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.162			0.320				0.237				0.365				0.365
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.128 Δv/c after mitigation: 0.128

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	38	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3				3				3				3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0				0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	
ATSAC-1 or ATSAC+ATCS-2?				2			2			2				2				2				2	
Override Capacity				0			0			0				0				0				0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	10	1	10	0	10	10	2	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	243	2	**122**	-33	210	**105**	482	728	2	**257**	-51	677	2	**242**	0	677	2	**242**
	Through-Right		0							1				1				1	
	Right	26	1	26	6	32	32	16	42	0	42	6	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	180	1	**104**	134	314	185	31	213	1	**121**	134	347	1	212	0	347	1	212
	Through-Right		1							1				1				1	
	Right	28	0	28	28	56	56	0	28	0	28	48	76	0	76	0	76	0	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	21	0	**21**	0	21	21	7	28	0	**28**	0	28	0	28	0	28	0	28
	Left-Through		1							1				1				1	
	Through	219	1	120	168	387	**215**	48	270	1	149	168	438	1	**247**	0	438	1	**247**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		122	North-South:		105	North-South:			257	North-South:			242	North-South:			242
		East-West:		125	East-West:		215	East-West:			149	East-West:			247	East-West:			247
		SUM:		247	SUM:		320	SUM:			406	SUM:			489	SUM:			489
VOLUME/CAPACITY (V/C) RATIO:				0.173			0.225				0.285				0.343				0.343
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.087			0.125				0.185				0.243				0.243
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.058 Δv/c after mitigation: 0.058

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	39	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0				0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	
ATSAC-1 or ATSAC+ATCS-2?				2			2			2				2				2				2	
Override Capacity				0			0			0				0				0				0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	26	0	26	0	26	26	1	27	0	27	0	27	0	27	0	27	0	27
	Left-Through		1							1				1				1	
	Through	271	3	**74**	-5	266	**73**	392	666	3	**173**	-5	661	3	**172**	0	661	3	**172**
	Through-Right		0							0				0				0	
	Right	36	1	36	0	36	36	23	59	1	59	0	59	1	59	0	59	1	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	163	1	**110**	120	283	175	24	189	1	**131**	120	309	1	196	0	309	1	196
	Through-Right		1							1				1				1	
	Right	57	0	57	10	67	67	14	72	0	72	10	82	0	82	0	82	0	82
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	12	0	**12**	2	14	14	0	12	0	**12**	2	14	0	14	0	14	0	14
	Left-Through		1							1				1				1	
	Through	215	1	114	168	383	**206**	27	245	1	129	168	413	1	**221**	0	413	1	**221**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		74	North-South:		73	North-South:			173	North-South:			172	North-South:			172
		East-West:		122	East-West:		206	East-West:			143	East-West:			221	East-West:			221
		SUM:		196	SUM:		279	SUM:			316	SUM:			393	SUM:			393
VOLUME/CAPACITY (V/C) RATIO:				0.131			0.186				0.211				0.262				0.262
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.065			0.093				0.111				0.162				0.162
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.051 Δv/c after mitigation: 0.051

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	40	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0				0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	
ATSAC-1 or ATSAC+ATCS-2?				2			2			2				2				2				2	
Override Capacity				0			0			0				0				0				0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	76	0	76	88	164	164	10	87	0	87	88	175	0	175	0	175	0	175
	Left-Through		1							1				1				1	
	Through	302	2	**101**	814	1116	**326**	439	745	2	**214**	814	1559	2	**440**	0	1559	2	**440**
	Through-Right		1							1				1				1	
	Right	24	0	101	0	24	326	0	24	0	214	0	24	0	440	0	24	0	440
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	13	0	13	34	47	**47**	21	34	0	**34**	34	68	0	**68**	0	68	0	**68**
	Left-Through		1							1				1				1	
	Through	171	1	**92**	86	257	176	4	177	1	106	86	263	1	200	0	263	1	200
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	150	1	79	83	233	**200**	16	168	1	**90**	83	251	1	**211**	0	251	1	**211**
	Through-Right		1							1				1				1	
	Right	8	0	8	159	167	167	3	11	0	11	159	170	0	170	0	170	0	170
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		101	North-South:		326	North-South:			214	North-South:			440	North-South:			440
		East-West:		92	East-West:		247	East-West:			124	East-West:			279	East-West:			279
		SUM:		193	SUM:		573	SUM:			338	SUM:			719	SUM:			719
VOLUME/CAPACITY (V/C) RATIO:				0.129			0.382				0.225				0.479				0.479
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.064			0.282				0.125				0.379				0.379
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.254 Δv/c after mitigation: 0.254

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	41	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	180	3	60	2	182	61	170	352	3	117	2	354	3	118	0	354	3	118
	Through-Right		1							1				1				1	
	Right	162	1	**89**	6	168	**92**	236	400	1	**220**	6	406	1	**223**	0	406	1	**223**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	83	0	83	0	83	83	8	92	0	92	0	92	0	92	0	92	0	92
	Left-Through		1							1				1				1	
	Through	478	1	**281**	117	595	**339**	116	600	1	**346**	117	717	1	**405**	0	717	2	**270**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		89	*North-South:*		92	*North-South:*			220	*North-South:*			223	*North-South:*			223
		East-West:		281	*East-West:*		339	*East-West:*			346	*East-West:*			405	*East-West:*			270
		SUM:		370	*SUM:*		431	*SUM:*			566	*SUM:*			628	*SUM:*			493
VOLUME/CAPACITY (*V/C*) RATIO:				0.247			0.287				0.377				0.419				0.329
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.147			0.187				0.277				0.319				0.229
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.042 — *Δv/c* after mitigation: -0.048

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	42	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	139	0	**139**	25	164	164	16	157	0	157	25	182	0	182	0	182	0	182
	Left-Through		1							1				1				1	
	Through	261	3	87	696	957	**280**	313	577	3	**184**	696	1273	3	**364**	0	1273	3	**364**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	425	1	**279**	92	517	517	108	538	1	**405**	92	630	1	630	0	630	2	315
	Through-Right		1							1				1				1	
	Right	133	0	133	969	1102	**1102**	136	271	0	271	969	1240	0	**1240**	0	1240	0	**1240**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		139	*North-South:*		280	*North-South:*			184	*North-South:*			364	*North-South:*			364
		East-West:		279	*East-West:*		1102	*East-West:*			405	*East-West:*			1240	*East-West:*			1240
		SUM:		418	*SUM:*		1382	*SUM:*			589	*SUM:*			1604	*SUM:*			1604
VOLUME/CAPACITY (*V/C*) RATIO:				0.279			0.921				0.393				1.069				1.069
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.179			0.821				0.293				0.969				0.969
LEVEL OF SERVICE (LOS):				A			D				A				E				E

PROJECT IMPACT

Change in *v/c* due to project: 0.676 — *Δv/c* after mitigation: 0.676

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	43	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	42	0	**42**	18	60	60	10	53	0	**53**	18	71	0	71	0	71	0	71
	Left-Through		1							1				1				1	
	Through	113	1	78	365	478	**269**	76	190	1	148	365	555	1	**349**	0	555	1	**349**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	130	1	**91**	0	130	106	132	264	1	**182**	0	264	1	197	0	264	1	197
	Through-Right		1							1				1				1	
	Right	51	0	51	30	81	81	48	100	0	100	30	130	0	130	0	130	0	130
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	27	0	27	0	27	27	13	40	0	40	0	40	0	40	0	40	0	40
	Left-Through		1							1				1				1	
	Through	441	0	**256**	1074	1515	**953**	186	632	0	**361**	1074	1706	0	**1059**	0	1706	1	**706**
	Through-Right		1							1				1				1	
	Right	43	0	256	321	364	953	6	50	0	361	321	371	0	1059	0	371	0	706
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		133	*North-South:*		269	*North-South:*			235	*North-South:*			349	*North-South:*			349
		East-West:		256	*East-West:*		953	*East-West:*			361	*East-West:*			1059	*East-West:*			706
		SUM:		389	*SUM:*		1222	*SUM:*			596	*SUM:*			1408	*SUM:*			1055
VOLUME/CAPACITY (*V/C*) RATIO:				0.259			0.815				0.397				0.939				0.703
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.159			0.715				0.297				0.839				0.603
LEVEL OF SERVICE (LOS):				A			C				A				D				B

PROJECT IMPACT

Change in *v/c* due to project: 0.542 — *Δv/c* after mitigation: 0.306

Significant impacted? YES — Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	44	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	44	1	**44**	24	68	**68**	0	45	1	**45**	24	69	1	**69**	0	69	1	**69**
	Left-Through		0							0				0				0	
	Through	246	2	123	72	318	159	68	317	2	159	72	389	2	195	0	389	2	195
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	246	1	**152**	20	266	**162**	112	361	1	**216**	20	381	1	**226**	0	381	1	**226**
	Through-Right		1							1				1				1	
	Right	58	0	58	0	58	58	12	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	0	24	47	71	71	7	31	0	31	47	78	0	78	0	78	0	78
	Left-Through		1							1				1				1	
	Through	417	0	**246**	1371	1788	**1001**	194	616	0	**352**	1371	1987	0	**1108**	0	1987	1	**738**
	Through-Right		1							1				1				1	
	Right	50	0	246	93	143	1001	6	57	0	352	93	150	0	1108	0	150	0	738
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		196	*North-South:*		230	*North-South:*			261	*North-South:*			295	*North-South:*			295
		East-West:		246	*East-West:*		1001	*East-West:*			352	*East-West:*			1108	*East-West:*			738
		SUM:		442	*SUM:*		1231	*SUM:*			613	*SUM:*			1403	*SUM:*			1033
VOLUME/CAPACITY (*V/C*) RATIO:				0.295			0.821				0.409				0.935				0.689
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.195			0.721				0.309				0.835				0.589
LEVEL OF SERVICE (LOS):				A			C				A				D				A

PROJECT IMPACT

Change in *v/c* due to project: 0.526 — *Δv/c* after mitigation: 0.280

Significant impacted? YES — Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	45	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2		2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2		2	
Override Capacity	0		0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	51	1	51	0	51	51	4	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	247	2	124	0	247	124	93	343	2	172	0	343	2	172	0	343	2	172
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	204	1	138	0	204	139	104	310	1	199	0	310	1	200	0	310	1	200
	Through-Right		1							1				1				1	
	Right	72	0	72	1	73	73	15	88	0	88	1	89	0	89	0	89	0	89
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	43	0	43	0	43	43	108	152	0	152	0	152	0	152	0	152	0	152
	Left-Through		1							1				1				1	
	Through	326	0	198	1510	1836	953	188	518	0	358	1510	2028	0	1113	0	2028	1	742
	Through-Right		1							1				1				1	
	Right	27	0	198	0	27	953	19	46	0	358	0	46	0	1113	0	46	0	742
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		189	North-South:		190	North-South:			255	North-South:			256	North-South:			256
		East-West:		198	East-West:		953	East-West:			358	East-West:			1113	East-West:			742
		SUM:		387	SUM:		1143	SUM:			613	SUM:			1369	SUM:			998
VOLUME/CAPACITY (V/C) RATIO:				0.258			0.762				0.409				0.913				0.665
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.158			0.662				0.309				0.813				0.565
LEVEL OF SERVICE (LOS):				A			B				A				D				A

PROJECT IMPACT

Change in v/c due to project: 0.504 Δv/c after mitigation: 0.256

Significant impacted? YES Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	46	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2		2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2		2	
Override Capacity	0		0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	19	1	19	0	19	19	0	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	105	2	53	0	105	53	3	109	2	55	0	109	2	55	0	109	2	55
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	226	1	156	0	226	226	22	251	1	172	0	251	1	251	0	251	1	251
	Through-Right		1							1				1				1	
	Right	85	0	85	199	284	284	6	92	0	92	199	291	0	291	0	291	0	291
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	47	0	47	0	47	47	0	48	0	48	0	48	0	48	0	48	0	48
	Left-Through		1							1				1				1	
	Through	289	0	307	1311	1600	962	308	600	0	471	1311	1911	0	1127	0	1911	1	751
	Through-Right		1							1				1				1	
	Right	277	0	307	0	277	962	14	294	0	471	0	294	0	1127	0	294	0	751
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		175	North-South:		303	North-South:			191	North-South:			310	North-South:			310
		East-West:		307	East-West:		962	East-West:			471	East-West:			1127	East-West:			751
		SUM:		482	SUM:		1265	SUM:			662	SUM:			1437	SUM:			1061
VOLUME/CAPACITY (V/C) RATIO:				0.321			0.843				0.441				0.958				0.707
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.221			0.743				0.341				0.858				0.607
LEVEL OF SERVICE (LOS):				A			C				A				D				B

PROJECT IMPACT

Change in v/c due to project: 0.517 Δv/c after mitigation: 0.266

Significant impacted? YES Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	47	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3		3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2		2	
Override Capacity	0		0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	6	1	6	0	6	6	0	6	1	6	0	6	1	6	0	6	1	6
	Left-Through		0							0				0				0	
	Through	116	3	39	0	116	39	388	505	3	168	0	505	3	168	0	505	3	168
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	31	1	19	43	74	40	41	72	1	39	43	115	1	61	0	115	1	61
	Through-Right		1							1				1				1	
	Right	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		39	North-South:		39	North-South:			168	North-South:			168	North-South:			168
		East-West:		19	East-West:		40	East-West:			39	East-West:			61	East-West:			61
		SUM:		58	SUM:		79	SUM:			207	SUM:			229	SUM:			229
VOLUME/CAPACITY (V/C) RATIO:				0.041			0.055				0.145				0.161				0.161
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.020			0.028				0.073				0.080				0.080
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.007 Δv/c after mitigation: 0.007

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	48	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3		3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	3	3	3	3
ATSAC-1 or ATSAC+ATCS-2?	2		2	
Override Capacity	0		0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	90	2	50	33	123	68	0	91	2	50	33	124	2	68	0	124	2	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	109	1	109	0	109	109	47	157	1	157	0	157	1	157	0	157	1	157
	Left-Through		0							0				0				0	
	Through	177	3	59	0	177	59	131	310	3	103	0	310	3	103	0	310	3	103
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	308	2	105	281	589	196	251	563	2	188	281	844	2	281	0	844	2	281
	Through-Right		1							1				1				1	
	Right	111	1	0	0	111	111	19	131	1	131	0	131	1	131	0	131	1	131
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		159	North-South:		177	North-South:			207	North-South:			225	North-South:			225
		East-West:		105	East-West:		196	East-West:			188	East-West:			281	East-West:			281
		SUM:		264	SUM:		373	SUM:			395	SUM:			506	SUM:			506
VOLUME/CAPACITY (V/C) RATIO:				0.185			0.262				0.277				0.355				0.355
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.093			0.162				0.177				0.255				0.255
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.078 Δv/c after mitigation: 0.078

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
49	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	101	3	29	522	623	159	126	228	3	61	522	750	3	191	0	750	3	191
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	294	1	294	199	493	493	203	501	1	501	199	700	1	700	0	700	1	700
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	220	2	110	114	334	167	95	318	2	159	114	432	2	216	0	432	2	216
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:	29	North-South:	159			North-South:	61			North-South:	191			North-South:	191		
	East-West:	294	East-West:	493			East-West:	501			East-West:	700			East-West:	700		
	SUM:	323	SUM:	652			SUM:	562			SUM:	891			SUM:	891		
VOLUME/CAPACITY (V/C) RATIO:		0.215			0.435			0.375				0.594						0.594
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.115			0.335			0.275				0.494						0.494
LEVEL OF SERVICE (LOS):		A			A			A				A						A

PROJECT IMPACT

Change in v/c due to project: 0.219 | Δv/c after mitigation: 0.219
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
50	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	127	1	73	269	396	207	79	208	1	113	269	477	1	248	0	477	1	248
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	35	0	35	0	35	35	24	59	0	59	0	59	0	59	0	59	0	59
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	121	1	78	0	121	96	121	243	1	151	0	243	1	181	0	243	1	181
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	26	1	26	114	140	140	6	32	1	32	114	146	1	146	0	146	0	146
EASTBOUND Left-Through		0							0				0				1	
EASTBOUND Through	286	1	159	0	286	159	89	378	1	205	0	378	1	205	0	378	1	185
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	31	0	31	0	31	31	0	31	0	31	0	31	0	31	0	31	0	185
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:	108	North-South:	242			North-South:	172			North-South:	307			North-South:	307		
	East-West:	159	East-West:	159			East-West:	205			East-West:	205			East-West:	185		
	SUM:	267	SUM:	401			SUM:	377			SUM:	512			SUM:	492		
VOLUME/CAPACITY (V/C) RATIO:		0.178			0.267			0.251				0.341						0.328
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.089			0.167			0.151				0.241						0.228
LEVEL OF SERVICE (LOS):		A			A			A				A						A

PROJECT IMPACT

Change in v/c due to project: 0.090 | Δv/c after mitigation: 0.077
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
51	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	258	1	142	96	354	190	68	329	1	183	96	425	1	231	0	425	1	231
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	26	0	26	0	26	26	10	36	0	36	0	36	0	36	0	36	0	36
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	39	1	39	0	39	39	15	54	1	54	0	54	1	54	0	54	1	54
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	230	2	115	66	296	148	104	337	2	169	66	403	2	202	0	403	2	202
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	26	1	26	0	26	26	0	26	1	26	0	26	1	26	0	26	0	26
EASTBOUND Left-Through		0							0				0				1	
EASTBOUND Through	289	1	155	0	289	155	103	395	1	213	0	395	1	213	0	395	1	151
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	20	0	20	0	20	20	11	31	0	31	0	31	0	31	0	31	0	151
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:	181	North-South:	229			North-South:	237			North-South:	285			North-South:	285		
	East-West:	155	East-West:	155			East-West:	213			East-West:	213			East-West:	151		
	SUM:	336	SUM:	384			SUM:	450			SUM:	498			SUM:	436		
VOLUME/CAPACITY (V/C) RATIO:		0.224			0.256			0.300				0.332						0.291
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.124			0.156			0.200				0.232						0.191
LEVEL OF SERVICE (LOS):		A			A			A				A						A

PROJECT IMPACT

Change in v/c due to project: 0.032 | Δv/c after mitigation: -0.009
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
52	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	274	1	175	0	274	175	83	360	1	263	0	360	1	263	0	360	1	263
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	75	0	75	0	75	75	90	166	0	166	0	166	0	166	0	166	0	166
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	30	1	30	0	30	30	16	46	1	46	0	46	1	46	0	46	1	46
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	221	2	111	0	221	111	196	420	2	210	0	420	2	210	0	420	2	210
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	32	0	32	0	32	32	15	47	0	47	0	47	0	47	0	47	0	47
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	202	1	117	0	202	117	107	311	1	179	0	311	1	179	0	311	1	179
EASTBOUND Through-Right		1							0				0				0	
EASTBOUND Right	26	1	26	0	26	26	5	31	1	31	0	31	1	31	0	31	1	31
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:	205	North-South:	205			North-South:	309			North-South:	309			North-South:	309		
	East-West:	117	East-West:	117			East-West:	179			East-West:	179			East-West:	179		
	SUM:	322	SUM:	322			SUM:	488			SUM:	488			SUM:	488		
VOLUME/CAPACITY (V/C) RATIO:		0.215			0.215			0.325				0.325						0.325
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.115			0.115			0.225				0.225						0.225
LEVEL OF SERVICE (LOS):		A			A			A				A						A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	53	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--		0	NB-- 0	SB--		0	NB--	SB--		0	NB--	SB--		0	NB--	SB--		0	NB--	SB--	
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB--	WB--		0	EB--	WB--		0	EB--	WB--		0	EB--	WB--	
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	146	1	74	0	146	74	2	150	1	76	0	150	1	76	0	150	1	76
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	103	2	52	0	103	52	0	104	2	52	0	104	2	52	0	104	2	52
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	275	1	275	0	275	275	213	491	1	491	0	491	1	491	0	491	2	270
	Left-Through		0							0				0				0	
	Through	21	1	16	0	21	16	0	21	1	16	0	21	1	16	0	21	1	16
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		77	North-South:		77	North-South:			79	North-South:			79	North-South:			79
		East-West:		275	East-West:		275	East-West:			491	East-West:			491	East-West:			270
		SUM:		352	SUM:		352	SUM:			570	SUM:			570	SUM:			349
VOLUME/CAPACITY (V/C) RATIO:				0.235			0.235				0.380				0.380				0.233
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.135			0.135				0.280				0.280				0.133
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: -0.147

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	54	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4				4				4				4				4			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--		0	NB-- 0	SB--		0	NB--	SB--		0	NB--	SB--		0	NB--	SB--		0	NB--	SB--	
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB--	WB--		0	EB--	WB--		0	EB--	WB--		0	EB--	WB--	
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	91	1	91	0	91	91	9	101	1	101	0	101	1	101	0	101	1	101
	Left-Through		0							0				0				0	
	Through	628	3	168	110	738	207	384	1020	3	275	110	1130	3	314	0	1130	3	314
	Through-Right		1							1				1				1	
	Right	45	0	45	46	91	91	32	78	0	78	46	124	0	124	0	124	0	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	48	1	48	5	53	53	0	49	1	49	5	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	223	1	140	0	223	147	9	235	1	153	0	235	1	159	0	235	1	159
	Through-Right		1							1				1				1	
	Right	57	0	57	13	70	70	12	70	0	70	13	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	101	1	101	7	108	108	10	112	1	112	7	119	1	119	0	119	1	119
	Left-Through		0							0				0				0	
	Through	276	2	113	95	371	145	27	306	2	124	95	401	2	156	0	401	2	156
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	2	67	0	67	0	67	0	67	0	67	0	67
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	72	1	72	3	75	75	34	107	1	107	3	110	1	110	0	110	1	110
	Left-Through		0							0				0				0	
	Through	532	2	217	0	532	220	82	620	2	249	0	620	2	253	0	620	3	207
	Through-Right		1							1				1				0	
	Right	118	0	118	11	129	129	9	128	0	128	11	139	0	139	0	139	1	112
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		231	North-South:		260	North-South:			324	North-South:			368	North-South:			368
		East-West:		318	East-West:		328	East-West:			361	East-West:			372	East-West:			326
		SUM:		549	SUM:		588	SUM:			685	SUM:			740	SUM:			694
VOLUME/CAPACITY (V/C) RATIO:				0.399			0.428				0.498				0.538				0.505
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.299			0.328				0.398				0.438				0.405
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.040 — Δv/c after mitigation: 0.007

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	55	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--		0	NB-- 0	SB--		0	NB--	SB--		0	NB--	SB--		0	NB--	SB--		0	NB--	SB--	
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB--	WB--		0	EB--	WB--		0	EB--	WB--		0	EB--	WB--	
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	1	9	0	9	9	4	13	1	13	0	13	1	13	0	13	1	13
	Left-Through		0							0				0				0	
	Through	73	2	37	0	73	37	349	423	2	165	0	423	2	165	0	423	2	165
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	35	73	0	73	0	73	0	73	0	73	0	73
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	356	2	178	98	454	227	55	415	2	208	98	513	2	257	0	513	2	257
	Through-Right		0							0				0				0	
	Right	22	1	22	48	70	70	3	25	1	25	48	73	1	73	0	73	1	73
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	10	10	0	0	0	0	0	10	10	0	0	0	10	0	0
	Left-Through		0							0				0				0	
	Through	602	2	301	14	616	308	89	698	2	349	14	712	2	356	0	712	2	356
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		38	North-South:		38	North-South:			165	North-South:			165	North-South:			165
		East-West:		301	East-West:		308	East-West:			349	East-West:			356	East-West:			356
		SUM:		339	SUM:		346	SUM:			514	SUM:			521	SUM:			521
VOLUME/CAPACITY (V/C) RATIO:				0.226			0.231				0.343				0.347				0.347
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.126			0.131				0.243				0.247				0.247
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.004 — Δv/c after mitigation: 0.004

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	56	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3				3				3				3				3			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--		0	NB-- 0	SB--		0	NB--	SB--		0	NB--	SB--		0	NB--	SB--		0	NB--	SB--	
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB--	WB--		0	EB--	WB--		0	EB--	WB--		0	EB--	WB--	
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	69	0	90	41	110	158	0	70	0	93	41	111	0	161	0	111	0	161
	Through-Right		1							1				1				1	
	Right	21	0	0	27	48	0	2	23	0	0	27	50	0	0	0	50	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	35	1	35	0	35	35	17	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	100	2	50	0	100	50	119	220	2	110	0	220	2	110	0	220	2	110
	Through-Right		0							0				0				0	
	Right	57	1	57	0	57	57	13	71	1	71	0	71	1	71	0	71	1	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	355	1	183	98	453	232	60	419	1	215	98	517	1	264	0	517	1	264
	Through-Right		1							1				1				1	
	Right	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	8	1	8	0	8	8	2	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	454	1	231	24	478	243	76	535	1	271	24	559	1	283	0	559	1	283
	Through-Right		1							1				1				1	
	Right	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		125	North-South:		193	North-South:			145	North-South:			213	North-South:			213
		East-West:		231	East-West:		243	East-West:			271	East-West:			283	East-West:			283
		SUM:		356	SUM:		436	SUM:			416	SUM:			496	SUM:			496
VOLUME/CAPACITY (V/C) RATIO:				0.250			0.306				0.292				0.348				0.348
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.150			0.206				0.192				0.248				0.248
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.056 — Δv/c after mitigation: 0.056

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	57	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	13	0 1	13	10	23	23	13	26	0 1	26	10	36	0 1	36	0	36	0 1	36
	Left-Through																		
	Through	36	1	17	420	456	160	113	149	1	59	420	569	1	202	0	569	1	202
	Through-Right		1							1				1				1	
	Right	2	0	17	0	2	160	0	2	0	59	0	2	0	202	0	2	0	202
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	38	1 0	38	72	110	110	12	50	1 0	50	72	122	1 0	122	0	122	1 0	122
	Left-Through		0							0				0				0	
	Through	382	1	193	53	435	220	66	453	1	229	53	506	1	255	0	506	1	255
	Through-Right		1							1				1				1	
	Right	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	2	1 0	2	76	78	78	0	2	1 0	2	76	78	1 0	78	0	78	1 0	78
	Left-Through		0							0				0				0	
	Through	403	1	225	18	421	251	80	488	1	268	18	506	1	295	0	506	1	295
	Through-Right		1							1				1				1	
	Right	46	0	46	35	81	81	1	48	0	48	35	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		17	North-South:		160	North-South:			59	North-South:			202	North-South:			202
		East-West:		263	East-West:		361	East-West:			318	East-West:			417	East-West:			417
		SUM:		280	SUM:		521	SUM:			377	SUM:			619	SUM:			619
VOLUME/CAPACITY (V/C) RATIO:				0.196			0.366				0.265				0.434				0.434
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.098			0.266				0.165				0.334				0.334
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.169 | Δv/c after mitigation: 0.169 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	58	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	6	1	6	3	9	9	0	6	1	6	3	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	93	1	57	201	294	158	60	154	1	88	201	355	1	188	0	355	1	188
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	0	21	0	21	0	21	0	21	0	21	0	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	1	31	0	31	31	7	38	1	38	0	38	1	38	0	38	1	38
	Left-Through		0							0				0				0	
	Through	85	1	55	0	85	55	101	187	1	113	0	187	1	113	0	187	1	113
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	13	38	0	38	0	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	8	1	8	50	58	58	5	13	1	13	50	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	79	1	41	3	82	42	61	141	1	72	3	144	1	73	0	144	1	73
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	302	1	174	126	428	246	69	375	1	218	126	501	1	290	0	501	1	290
	Through-Right		1							1				1				1	
	Right	45	0	45	18	63	63	14	60	0	60	18	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		88	North-South:		189	North-South:			126	North-South:			226	North-South:			226
		East-West:		182	East-West:		304	East-West:			231	East-West:			353	East-West:			353
		SUM:		270	SUM:		493	SUM:			357	SUM:			579	SUM:			579
VOLUME/CAPACITY (V/C) RATIO:				0.189			0.346				0.251				0.406				0.406
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.095			0.246				0.151				0.306				0.306
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.155 | Δv/c after mitigation: 0.155 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	59	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	232	1	143	96	328	191	69	304	1	182	96	400	1	230	0	400	1	230
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	6	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	32	1	32	0	32	32	16	48	1	48	0	48	1	48	0	48	1	48
	Left-Through		0							0				0				0	
	Through	186	1	107	0	186	140	98	286	1	157	0	286	1	190	0	286	1	190
	Through-Right		1							1				1				1	
	Right	27	0	27	66	93	93	0	27	0	27	66	93	0	93	0	93	0	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	5	1	5	0	5	5	4	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	116	1	62	3	119	63	65	182	1	95	3	185	1	96	0	185	1	96
	Through-Right		1							1				1				1	
	Right	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	35	1	35	0	35	35	6	41	1	41	0	41	1	41	0	41	1	41
	Left-Through		0							0				0				0	
	Through	314	1	183	78	392	222	82	400	1	229	78	478	1	268	0	478	1	268
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	5	57	0	57	0	57	0	57	0	57	0	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		175	North-South:		223	North-South:			230	North-South:			278	North-South:			278
		East-West:		188	East-West:		227	East-West:			238	East-West:			277	East-West:			277
		SUM:		363	SUM:		450	SUM:			468	SUM:			555	SUM:			555
VOLUME/CAPACITY (V/C) RATIO:				0.255			0.316				0.328				0.389				0.389
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.155			0.216				0.228				0.289				0.289
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.061 | Δv/c after mitigation: 0.061 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	60	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	45	1	45	0	45	45	0	46	1	46	0	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	297	1	176	0	297	176	162	463	1	265	0	463	1	265	0	463	1	265
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	11	67	0	67	0	67	0	67	0	67	0	67
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	1	36	0	36	36	8	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	186	1	105	0	186	105	190	378	1	202	0	378	1	202	0	378	1	202
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	3	26	0	26	0	26	0	26	0	26	0	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	17	1	17	0	17	17	2	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	377	1	203	3	380	205	85	467	1	248	3	470	1	250	0	470	1	250
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	27	1	27	0	27	27	0	27	1	27	0	27	1	27	0	27	1	27
	Left-Through		0							0				0				0	
	Through	367	1	199	78	445	238	90	461	1	250	78	539	1	289	0	539	1	289
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	8	39	0	39	0	39	0	39	0	39	0	39
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		212	North-South:		212	North-South:			309	North-South:			309	North-South:			309
		East-West:		230	East-West:		255	East-West:			275	East-West:			308	East-West:			308
		SUM:		442	SUM:		467	SUM:			584	SUM:			617	SUM:			617
VOLUME/CAPACITY (V/C) RATIO:				0.310			0.328				0.410				0.433				0.433
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.210			0.228				0.310				0.333				0.333
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.023 | Δv/c after mitigation: 0.023 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	61	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			2		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
	Left-Through		1							1				1				1	
	Through	68	0	45	0	68	45	0	69	0	45	0	69	0	45	0	69	0	45
	Through-Right		1							1				1				1	
	Right	15	0	45	0	15	45	0	15	0	45	0	15	0	45	0	15	0	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	0	36	0	36	36	0	36	0	36	0	36	0	36	0	36	0	36
	Left-Through		1							1				1				1	
	Through	71	0	75	0	71	75	0	72	0	76	0	72	0	76	0	72	0	76
	Through-Right		1							1				1				1	
	Right	42	0	75	0	42	75	0	43	0	76	0	43	0	76	0	43	0	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	36	1	36	0	36	36	2	38	1	38	0	38	1	38	0	38	1	38
	Left-Through		0							0				0				0	
	Through	311	1	161	3	314	163	67	382	1	197	3	385	1	198	0	385	1	198
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	7	1	7	0	7	7	0	7	1	7	0	7	1	7	0	7	1	7
	Left-Through		0							0				0				0	
	Through	309	1	181	78	387	220	70	383	1	219	78	461	1	258	0	461	1	258
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	0	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		81	North-South:		81	North-South:			82	North-South:			82	North-South:			82
		East-West:		217	East-West:		256	East-West:			257	East-West:			296	East-West:			296
		SUM:		298	SUM:		337	SUM:			339	SUM:			378	SUM:			378
VOLUME/CAPACITY (V/C) RATIO:				0.209			0.236				0.238				0.265				0.265
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.109			0.136				0.138				0.165				0.165
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.027 Δv/c after mitigation: 0.027

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	62	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			2		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	84	1	84	0	84	84	10	95	1	95	0	95	1	95	0	95	1	95
	Left-Through		0							0				0				0	
	Through	569	1	304	0	569	304	0	576	1	308	0	576	1	308	0	576	1	308
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	2	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	376	1	209	0	376	209	0	381	1	211	0	381	1	211	0	381	1	211
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	116	1	116	0	116	116	0	117	1	117	0	117	1	117	0	117	1	117
	Left-Through		0							0				0				0	
	Through	305	1	180	3	308	182	62	371	1	218	3	374	1	219	0	374	1	219
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	8	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	53	1	53	0	53	53	0	54	1	54	0	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	285	1	159	78	363	198	62	350	1	192	78	428	1	231	0	428	1	231
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		347	North-South:		347	North-South:			352	North-South:			352	North-South:			352
		East-West:		275	East-West:		314	East-West:			309	East-West:			348	East-West:			348
		SUM:		622	SUM:		661	SUM:			661	SUM:			700	SUM:			700
VOLUME/CAPACITY (V/C) RATIO:				0.436			0.464				0.464				0.491				0.491
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.336			0.364				0.364				0.391				0.391
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.027 Δv/c after mitigation: 0.027

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	63	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	3	0	3
ATSAC-1 or ATSAC+ATCS-2?			2		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	148	1	148	0	148	148	10	160	1	160	0	160	1	160	0	160	1	160
	Left-Through		0							0				0				0	
	Through	631	2	236	39	670	249	393	1032	2	372	39	1071	2	385	0	1071	2	385
	Through-Right		1							1				1				1	
	Right	77	0	77	0	77	77	6	84	0	84	0	84	0	84	0	84	0	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	95	1	95	0	95	95	14	110	1	110	0	110	1	110	0	110	1	110
	Left-Through		0							0				0				0	
	Through	572	2	286	0	572	286	176	755	2	378	0	755	2	378	0	755	2	378
	Through-Right		0							0				0				0	
	Right	82	1	0	0	82	0	8	91	1	0	0	91	1	0	0	91	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	107	1	107	0	107	107	2	110	1	110	0	110	1	110	0	110	1	110
	Left-Through		0							0				0				0	
	Through	233	1	233	0	233	233	7	243	1	243	0	243	1	243	0	243	1	243
	Through-Right		0							0				0				0	
	Right	134	1	60	0	134	60	4	140	1	60	0	140	1	60	0	140	1	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	155	1	155	0	155	155	53	210	1	210	0	210	1	210	0	210	1	210
	Left-Through		0							0				0				0	
	Through	471	2	236	0	471	236	9	486	2	243	0	486	2	243	0	486	2	243
	Through-Right		0							0				0				0	
	Right	194	1	99	34	228	133	40	236	1	126	34	270	1	160	0	270	1	160
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		434	North-South:		434	North-South:			538	North-South:			538	North-South:			538
		East-West:		388	East-West:		388	East-West:			453	East-West:			453	East-West:			453
		SUM:		822	SUM:		822	SUM:			991	SUM:			991	SUM:			991
VOLUME/CAPACITY (V/C) RATIO:				0.598			0.598				0.721				0.721				0.721
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.498			0.498				0.621				0.621				0.621
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	64	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			2		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			2		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	78	2	34	2	80	35	381	460	2	172	2	462	2	173	0	462	2	173
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	32	56	0	56	0	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	295	1	220	0	295	220	27	326	1	237	0	326	1	237	0	326	1	237
	Through-Right		1							1				1				1	
	Right	145	0	145	0	145	145	0	147	0	147	0	147	0	147	0	147	0	147
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	808	2	269	34	842	309	70	888	2	296	34	922	2	307	0	922	2	307
	Through-Right		1							1				1				1	
	Right	0	0	0	84	84	84	7	7	1	7	84	91	1	91	0	91	1	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		34	North-South:		35	North-South:			172	North-South:			173	North-South:			173
		East-West:		269	East-West:		309	East-West:			296	East-West:			307	East-West:			307
		SUM:		303	SUM:		344	SUM:			468	SUM:			480	SUM:			480
VOLUME/CAPACITY (V/C) RATIO:				0.202			0.229				0.340				0.349				0.349
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.102			0.129				0.240				0.249				0.249
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.009 Δv/c after mitigation: 0.009

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	65	North-South Street:	I-110 NB Off General	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	262	1	216	34	296	296	16	281	1	247	34	315	1	315	0	315	1	315
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	170	0	216	186	356	**356**	41	213	0	247	186	399	0	**399**	0	399	0	**399**
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				0	
SOUTHBOUND	Left	191	1	**132**	84	275	275	7	200	2	**94**	84	284	2	156	0	284	2	156
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	73	0	132	436	509	**509**	7	81	0	94	436	517	0	**517**	0	517	0	**517**
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	294	2	147	0	294	147	34	332	2	166	0	332	2	166	0	332	2	166
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	380	2	**190**	0	380	**190**	55	440	2	**220**	0	440	2	**220**	0	440	2	**220**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		348	North-South:		865	North-South:			341	North-South:			916	North-South:			916
		East-West:		190	East-West:		190	East-West:			220	East-West:			220	East-West:			220
		SUM:		538	SUM:		1055	SUM:			561	SUM:			1136	SUM:			1136
	VOLUME/CAPACITY (V/C) RATIO:			0.378			0.740				0.394				0.797				0.797
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.278			0.640				0.294				0.697				0.697
	LEVEL OF SERVICE (LOS):			A			B				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.403 | Δv/c after mitigation: 0.403
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	66	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	14	1	14	0	14	14	0	14	1	**14**	0	14	1	**14**	0	14	1	**14**
	Left-Through		0							0				0				0	
	Through	41	1	**41**	7	48	**48**	0	41	1	41	7	48	1	48	0	48	1	48
	Through-Right		0							0				0				0	
	Right	30	1	16	0	30	16	0	30	1	16	0	30	1	16	0	30	1	16
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	1	**31**	0	31	**31**	0	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	60	1	48	0	60	48	114	175	1	**105**	0	175	1	**105**	0	175	1	**105**
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	60	1	60	61	121	121	0	61	1	61	61	122	1	122	0	122	1	122
	Left-Through		0							0				0				0	
	Through	463	1	**240**	562	1025	**521**	75	544	1	**280**	562	1106	1	**561**	0	1106	1	**561**
	Through-Right		1							1				1				1	
	Right	16	0	16	0	16	16	0	16	0	16	0	16	0	16	0	16	0	16
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	28	1	**28**	0	28	**28**	0	28	1	**28**	0	28	1	**28**	0	28	1	**28**
	Left-Through		0							0				0				0	
	Through	329	1	176	0	329	176	55	388	1	205	0	388	1	205	0	388	1	205
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		72	North-South:		79	North-South:			119	North-South:			119	North-South:			119
		East-West:		268	East-West:		549	East-West:			308	East-West:			589	East-West:			589
		SUM:		340	SUM:		628	SUM:			427	SUM:			708	SUM:			708
	VOLUME/CAPACITY (V/C) RATIO:			0.227			0.419				0.285				0.472				0.472
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.127			0.319				0.185				0.372				0.372
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.187 | Δv/c after mitigation: 0.187
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	67	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	75	1	**56**	292	367	**202**	104	180	1	**109**	292	472	1	**255**	0	472	1	**255**
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	21	1	**21**	0	21	**21**	0	21	1	**21**	0	21	1	**21**	0	21	1	**21**
	Left-Through		0							0				0				0	
	Through	84	1	52	0	84	52	92	177	1	99	0	177	1	99	0	177	1	99
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	2	21	0	21	0	21	0	21	0	21	0	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	68	1	**68**	466	534	**534**	13	82	1	**82**	466	548	1	**548**	0	548	1	**548**
	Left-Through		0							0				0				0	
	Through	419	1	227	96	515	275	61	485	1	260	96	581	1	308	0	581	1	308
	Through-Right		1							1				1				1	
	Right	34	0	34	0	34	34	0	34	0	34	0	34	0	34	0	34	0	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	13	1	13	0	13	13	0	13	1	13	0	13	1	13	0	13	1	13
	Left-Through		0							0				0				0	
	Through	331	1	**190**	0	331	**190**	52	387	1	**218**	0	387	1	**218**	0	387	1	**218**
	Through-Right		1							1				1				1	
	Right	48	0	48	0	48	48	0	49	0	49	0	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		77	North-South:		223	North-South:			130	North-South:			276	North-South:			276
		East-West:		258	East-West:		724	East-West:			300	East-West:			766	East-West:			766
		SUM:		335	SUM:		947	SUM:			430	SUM:			1042	SUM:			1042
	VOLUME/CAPACITY (V/C) RATIO:			0.223			0.631				0.287				0.695				0.695
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.123			0.531				0.187				0.595				0.595
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.408 | Δv/c after mitigation: 0.408
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	68	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	26	1	**26**	0	26	**26**	1	27	1	**27**	0	27	1	**27**	0	27	1	**27**
	Left-Through		0							0				0				0	
	Through	239	1	129	0	239	129	69	311	1	165	0	311	1	165	0	311	1	165
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	14	1	14	0	14	14	0	14	1	14	0	14	1	14	0	14	1	14
	Left-Through		0							0				0				0	
	Through	219	1	**121**	0	219	**121**	95	317	1	**174**	0	317	1	**174**	0	317	1	**174**
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	8	31	0	31	0	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	28	1	28	96	124	**124**	8	36	1	36	96	132	1	**132**	0	132	1	**132**
	Left-Through		0							0				0				0	
	Through	416	1	**225**	0	416	225	51	472	1	**254**	0	472	1	254	0	472	1	254
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	3	36	0	36	0	36	0	36	0	36	0	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	29	1	**29**	0	29	29	0	29	1	**29**	0	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	350	1	187	0	350	**187**	43	397	1	211	0	397	1	**211**	0	397	1	**211**
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		147	North-South:		147	North-South:			201	North-South:			201	North-South:			201
		East-West:		254	East-West:		311	East-West:			283	East-West:			343	East-West:			343
		SUM:		401	SUM:		458	SUM:			484	SUM:			544	SUM:			544
	VOLUME/CAPACITY (V/C) RATIO:			0.267			0.305				0.323				0.363				0.363
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.167			0.205				0.223				0.263				0.263
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.040 | Δv/c after mitigation: 0.040
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
69	East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	53	1	53	0	53	53	0	54	1	54	0	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	345	1	197	0	345	197	156	505	1	277	0	505	1	277	0	505	1	277
	Through-Right		1							1				1				1	
	Right	48	0	48	0	48	48	0	49	0	49	0	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	28	1	28	0	28	28	0	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	214	1	117	0	214	117	187	404	1	213	0	404	1	213	0	404	1	213
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	2	21	0	21	0	21	0	21	0	21	0	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	42	1	42	0	42	42	14	57	1	57	0	57	1	57	0	57	1	57
	Left-Through		0							0				0				0	
	Through	361	1	197	0	361	197	38	403	1	218	0	403	1	218	0	403	1	218
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	313	1	176	0	313	176	41	358	1	198	0	358	1	198	0	358	1	198
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	0	38	0	38	0	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		225	North-South:		225	North-South:			305	North-South:			305	North-South:			305
		East-West:		234	East-West:		234	East-West:			255	East-West:			255	East-West:			255
		SUM:		459	SUM:		459	SUM:			560	SUM:			560	SUM:			560
VOLUME/CAPACITY (V/C) RATIO:				0.334			0.334				0.407				0.407				0.407
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.234			0.234				0.307				0.307				0.307
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
70	East-West Street:	Jefferson	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	25	1	25	0	25	25	8	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	169	2	64	1	170	65	278	449	2	183	1	450	2	184	0	450	2	184
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	77	101	0	101	0	101	0	101	0	101	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	261	2	131	0	261	131	120	384	2	192	0	384	2	192	0	384	2	192
	Through-Right		0							0				0				0	
	Right	163	1	163	0	163	163	40	205	1	205	0	205	1	205	0	205	1	205
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	50	1	50	0	50	50	0	51	1	51	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	411	2	206	0	411	206	145	561	2	281	0	561	2	281	0	561	2	281
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		64	North-South:		65	North-South:			183	North-South:			184	North-South:			184
		East-West:		213	East-West:		213	East-West:			281	East-West:			281	East-West:			281
		SUM:		277	SUM:		278	SUM:			464	SUM:			465	SUM:			465
VOLUME/CAPACITY (V/C) RATIO:				0.194			0.195				0.337				0.338				0.338
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.097			0.098				0.237				0.238				0.238
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/28/2011
71	East-West Street:	Exposition	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 3, EB-- 1 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	149	1	149	0	149	149	0	151	1	151	0	151	1	151	0	151	1	151
	Left-Through		0							0				0				0	
	Through	1009	3	261	31	1040	269	326	1347	3	347	31	1378	3	355	0	1378	3	355
	Through-Right		1							1				1				1	
	Right	34	0	34	0	34	34	6	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	205	1	205	0	205	205	91	298	1	298	0	298	1	298	0	298	1	298
	Left-Through		0							0				0				0	
	Through	640	2	320	1	641	321	96	744	1	372	1	745	1	373	0	745	1	373
	Through-Right		0							1				1				1	
	Right	69	1	0	0	69	0	0	70	0	0	0	70	0	0	0	70	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	134	2	74	0	134	74	0	136	2	75	0	136	2	75	0	136	2	75
	Left-Through		0							0				0				0	
	Through	287	3	96	0	287	96	15	305	3	102	0	305	3	102	0	305	3	102
	Through-Right		0							0				0				0	
	Right	107	1	0	0	107	0	0	108	1	0	0	108	1	0	0	108	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	63	1	63	0	63	63	9	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	434	2	217	0	434	217	17	456	2	228	0	456	2	228	0	456	2	228
	Through-Right		0							0				0				0	
	Right	334	1	232	7	341	239	49	387	1	238	7	394	1	245	0	394	1	245
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		469	North-South:		474	North-South:			645	North-South:			653	North-South:			653
		East-West:		306	East-West:		313	East-West:			313	East-West:			320	East-West:			320
		SUM:		775	SUM:		787	SUM:			958	SUM:			973	SUM:			973
VOLUME/CAPACITY (V/C) RATIO:				0.564			0.572				0.697				0.708				0.708
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.464			0.472				0.597				0.608				0.608
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.011 | Δv/c after mitigation: 0.011
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
72	East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	35	2	19	0	35	19	0	35	2	19	0	35	2	19	0	35	2	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	282	2	155	0	282	155	40	325	2	179	0	325	2	179	0	325	2	179
	Left-Through		0							0				0				0	
	Through	143	2	72	1	144	72	267	412	2	206	1	413	2	207	0	413	2	207
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	406	4	90	0	406	90	113	524	4	113	0	524	4	113	0	524	4	113
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		174	North-South:		174	North-South:			206	North-South:			207	North-South:			207
		East-West:		90	East-West:		90	East-West:			113	East-West:			113	East-West:			113
		SUM:		264	SUM:		264	SUM:			319	SUM:			320	SUM:			320
VOLUME/CAPACITY (V/C) RATIO:				0.185			0.185				0.224				0.225				0.225
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.093			0.093				0.124				0.125				0.125
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	73	North-South Street:	I-110 NB Off- Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	374	2	139	7	381	160	57	436	2	160	7	443	2	181	0	443	2	181
	Through-Right		1							1				1				1	
	Right	44	0	44	54	98	98	0	45	0	45	54	99	0	99	0	99	0	99
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	292	2	161	0	292	161	55	351	2	193	0	351	2	193	0	351	2	193
	Left-Through		0							0				0				0	
	Through	79	2	40	0	79	40	1	81	2	41	0	81	2	41	0	81	2	41
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	75	1	75	0	75	75	1	77	1	77	0	77	1	77	0	77	1	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		139	North-South:		160	North-South:			160	North-South:			181	North-South:			181
		East-West:		236	East-West:		236	East-West:			270	East-West:			270	East-West:			270
		SUM:		375	SUM:		396	SUM:			430	SUM:			451	SUM:			451
VOLUME/CAPACITY (V/C) RATIO:				0.263			0.278				0.302				0.316				0.316
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.163			0.178				0.202				0.216				0.216
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.014 — Δv/c after mitigation: 0.014

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	74	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	56	1	30	240	296	150	104	161	1	82	240	401	1	202	0	401	1	202
	Through-Right		1							1				1				1	
	Right	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	59	1	37	0	59	37	92	152	1	83	0	152	1	83	0	152	1	83
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	27	0	27	52	79	79	0	27	0	27	52	79	0	79	0	79	0	79
	Left-Through		1							1				1				1	
	Through	25	0	52	0	25	104	1	26	0	53	0	26	0	105	0	26	0	105
	Through-Right		0							0				0				0	
	Right	10	1	5	0	10	5	0	10	1	5	0	10	1	5	0	10	1	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through		0							0				0				0	
	Through	17	0	19	0	17	19	1	18	0	20	0	18	0	20	0	18	0	20
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		47	North-South:		153	North-South:			93	North-South:			205	North-South:			205
		East-West:		54	East-West:		106	East-West:			55	East-West:			107	East-West:			107
		SUM:		101	SUM:		259	SUM:			148	SUM:			312	SUM:			312
VOLUME/CAPACITY (V/C) RATIO:				0.067			0.173				0.099				0.208				0.208
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.034			0.086				0.049				0.108				0.108
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.059 — Δv/c after mitigation: 0.059

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	75	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	37th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	8	1	8	0	8	8	1	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	293	1	147	0	293	147	78	375	1	188	0	375	1	188	0	375	1	188
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	314	1	159	0	314	159	107	425	1	214	0	425	1	214	0	425	1	214
	Through-Right		1							1				1				1	
	Right	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through		0							0				0				0	
	Through	7	0	35	0	7	35	0	7	0	36	0	7	0	36	0	7	0	36
	Through-Right		0							0				0				0	
	Right	16	0	0	0	16	0	1	17	0	0	0	17	0	0	0	17	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
WESTBOUND	Left	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through		0							0				0				0	
	Through	1	0	3	0	1	3	0	1	0	3	0	1	0	3	0	1	0	3
	Through-Right		0							0				0				0	
	Right	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		167	North-South:		167	North-South:			223	North-South:			223	North-South:			223
		East-West:		36	East-West:		36	East-West:			37	East-West:			37	East-West:			37
		SUM:		203	SUM:		203	SUM:			260	SUM:			260	SUM:			260
VOLUME/CAPACITY (V/C) RATIO:				0.135			0.135				0.173				0.173				0.173
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.068			0.068				0.087				0.087				0.087
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	76	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	56	2	31	0	56	31	0	57	2	31	0	57	2	31	0	57	2	31
	Left-Through		0							0				0				0	
	Through	340	2	123	5	345	125	307	651	2	227	5	656	2	228	0	656	2	228
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	2	24	0	44	24	20	65	2	36	0	65	2	36	0	65	2	36
	Left-Through		0							0				0				0	
	Through	370	2	162	1	371	163	83	457	2	192	1	458	2	192	0	458	2	192
	Through-Right		1							1				1				1	
	Right	117	0	117	0	117	117	0	118	0	118	0	118	0	118	0	118	0	118
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	33	1	18	0	33	18	0	33	1	18	0	33	1	18	0	33	1	18
	Left-Through		1							1				1				1	
	Through	6	0	17	0	6	17	0	6	0	17	0	6	0	17	0	6	0	17
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	70	1	39	0	70	39	0	71	1	39	0	71	1	39	0	71	1	39
	Left-Through		1							1				1				1	
	Through	17	0	106	0	17	132	0	17	0	131	0	17	0	157	0	17	0	157
	Through-Right		1							1				1				1	
	Right	89	0	89	26	115	115	24	114	0	114	26	140	0	140	0	140	0	140
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		193	North-South:		194	North-South:			263	North-South:			264	North-South:			264
		East-West:		124	East-West:		150	East-West:			149	East-West:			175	East-West:			175
		SUM:		317	SUM:		344	SUM:			412	SUM:			439	SUM:			439
VOLUME/CAPACITY (V/C) RATIO:				0.231			0.250				0.300				0.319				0.319
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.131			0.150				0.200				0.219				0.219
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.019 — Δv/c after mitigation: 0.019

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	77	North-South Street:	I-110 SB HOV Off Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	94	0	94	26	120	120	24	119	0	119	26	145	0	145	0	145	0	145
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	17	0	111	140	157	277	0	17	0	136	140	157	0	302	0	157	0	302
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	43	2	22	0	43	22	0	44	2	22	0	44	2	22	0	44	2	22
	Through-Right		0							0				0				0	
	Right	60	1	60	1	61	61	20	81	1	81	1	82	1	82	0	82	1	82
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	33	1	33	0	33	33	0	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	60	2	30	0	60	30	0	61	2	31	0	61	2	31	0	61	2	31
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		111	North-South:		277	North-South:			136	North-South:			302	North-South:			302
		East-West:		93	East-West:		94	East-West:			114	East-West:			115	East-West:			115
		SUM:		204	SUM:		371	SUM:			250	SUM:			417	SUM:			417
VOLUME/CAPACITY (V/C) RATIO:				0.136			0.247				0.167				0.278				0.278
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.068			0.147				0.083				0.178				0.178
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.095 | Δv/c after mitigation: 0.095
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	78	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	82	1	82	0	82	82	1	84	1	84	0	84	1	84	0	84	1	84
	Left-Through		0							0				0				0	
	Through	227	3	76	0	227	76	273	503	3	168	0	503	3	168	0	503	3	168
	Through-Right		0							0				0				0	
	Right	108	1	0	0	108	0	1	110	1	0	0	110	1	0	0	110	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	90	1	90	1	91	91	27	118	1	118	1	119	1	119	0	119	1	119
	Left-Through		0							0				0				0	
	Through	267	2	130	0	267	130	55	325	2	113	0	325	2	113	0	325	2	113
	Through-Right		1							1				1				1	
	Right	124	0	124	0	124	124	1	126	1	0	0	126	1	0	0	126	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	164	1	164	0	164	164	1	167	1	167	0	167	1	167	0	167	1	167
	Left-Through		0							0				0				0	
	Through	1232	2	442	0	1232	442	1	1248	2	448	0	1248	2	448	0	1248	2	448
	Through-Right		1							1				1				1	
	Right	94	0	94	0	94	94	2	97	0	97	0	97	0	97	0	97	0	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	123	1	123	0	123	123	8	132	1	132	0	132	1	132	0	132	1	132
	Left-Through		0							0				0				0	
	Through	1144	2	423	0	1144	424	1	1159	2	439	0	1159	2	440	0	1159	2	440
	Through-Right		1							1				1				1	
	Right	124	0	124	5	129	129	32	157	0	157	5	162	0	162	0	162	0	162
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		212	North-South:		212	North-South:			286	North-South:			287	North-South:			287
		East-West:		587	East-West:		588	East-West:			606	East-West:			607	East-West:			607
		SUM:		799	SUM:		800	SUM:			892	SUM:			894	SUM:			894
VOLUME/CAPACITY (V/C) RATIO:				0.581			0.582				0.649				0.650				0.650
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.481			0.482				0.549				0.550				0.550
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	79	North-South Street:	I-110 SB Ramps	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	250	1	250	0	250	250	0	253	1	253	0	253	1	253	0	253	1	253
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	504	1	277	0	504	277	6	516	1	284	0	516	1	284	0	516	1	284
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	908	2	454	0	908	454	30	949	2	475	0	949	2	475	0	949	2	475
	Through-Right		1							1				1				1	
	Right	542	0	542	1	543	543	0	549	0	549	1	550	0	550	0	550	0	550
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	220	1	220	0	220	220	0	223	1	223	0	223	1	223	0	223	1	223
	Left-Through		0							0				0				0	
	Through	995	3	332	5	1000	333	35	1042	3	347	5	1047	3	349	0	1047	3	349
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		277	North-South:		277	North-South:			284	North-South:			284	North-South:			284
		East-West:		762	East-West:		763	East-West:			772	East-West:			773	East-West:			773
		SUM:		1039	SUM:		1040	SUM:			1056	SUM:			1057	SUM:			1057
VOLUME/CAPACITY (V/C) RATIO:				0.693			0.693				0.704				0.705				0.705
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.593			0.593				0.604				0.605				0.605
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	80	North-South Street:	I-110 NB Ramps/Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				1			1			1			1			1			1			1	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	351	1	249	5	356	304	0	355	1	303	5	360	1	358	0	360	1	358
	Left-Through		0							0				0				0	
	Through	26	0	249	105	131	304	104	130	0	303	105	235	0	358	0	235	0	358
	Through-Right		0							0				0				0	
	Right	120	0	0	0	120	0	0	121	0	0	0	121	0	0	0	121	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	13	1	13	0	13	13	0	13	1	13	0	13	1	13	0	13	1	13
	Left-Through		0							0				0				0	
	Through	6	1	6	0	6	6	92	98	1	98	0	98	1	98	0	98	1	98
	Through-Right		0							0				0				0	
	Right	77	1	62	0	77	62	0	78	1	63	0	78	1	63	0	78	1	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	30	1	30	0	30	30	0	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	607	2	304	0	607	304	30	644	2	322	0	644	2	322	0	644	2	322
	Through-Right		1							1				1				1	
	Right	381	0	257	0	381	229	0	386	0	235	0	386	0	207	0	386	0	207
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	146	1	146	0	146	146	0	148	1	148	0	148	1	148	0	148	1	148
	Left-Through		0							0				0				0	
	Through	778	2	269	0	778	269	35	822	2	283	0	822	2	283	0	822	2	283
	Through-Right		1							1				1				1	
	Right	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		311	North-South:		366	North-South:			401	North-South:			456	North-South:			456
		East-West:		450	East-West:		450	East-West:			470	East-West:			470	East-West:			470
		SUM:		761	SUM:		816	SUM:			871	SUM:			926	SUM:			926
VOLUME/CAPACITY (V/C) RATIO:				0.553			0.593				0.633				0.673				0.673
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.453			0.493				0.533				0.573				0.573
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.040 | Δv/c after mitigation: 0.040
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	81	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	James Wood	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	260	1	260	108	368	368	100	363	1	363	108	471	1	471	0	471	1	471
	Through-Right		0							0				1				1	
	Right	24	1	24	0	24	24	5	29	1	29	0	29	1	29	0	29	1	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	157	0	157	0	157	157	20	179	0	179	0	179	0	179	0	179	0	179
	Left-Through		1							1				1				1	
	Through	532	1	234	381	913	361	321	859	1	350	401	1260	1	484	0	1260	1	484
	Through-Right		1							1				1				1	
	Right	12	0	234	0	12	361	0	12	0	350	0	12	0	484	0	12	0	484
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		260		North-South:	368		North-South:		363		North-South:		471		North-South:		471
		East-West:		234		East-West:	361		East-West:		350		East-West:		484		East-West:		484
		SUM:		494		SUM:	729		SUM:		713		SUM:		955		SUM:		955
VOLUME/CAPACITY (v/c) RATIO:				0.329			0.486				0.475				0.637				0.637
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.229			0.386				0.375				0.537				0.537
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.162 — Δv/c after mitigation: 0.162

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	82	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	1	11	0	11	11	63	74	1	74	0	74	1	74	0	74	1	74
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	193	0	193	313	506	506	40	235	1	235	334	569	1	495	0	569	1	495
	Left-Through		1							1				1				1	
	Through	1054	3	312	790	1844	588	523	1590	4	318	810	2400	4	495	0	2400	4	495
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		11		North-South:	11		North-South:		74		North-South:		74		North-South:		74
		East-West:		312		East-West:	588		East-West:		318		East-West:		495		East-West:		495
		SUM:		323		SUM:	599		SUM:		392		SUM:		569		SUM:		569
VOLUME/CAPACITY (v/c) RATIO:				0.215			0.399				0.261				0.379				0.379
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.115			0.299				0.161				0.279				0.279
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.118 — Δv/c after mitigation: 0.118

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	83	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	617	3	182	224	841	239	537	1161	3	336	216	1377	3	390	0	1377	3	390
	Through-Right		1							1				1				1	
	Right	111	0	111	2	113	113	69	181	0	181	2	183	0	183	0	183	0	183
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	153	1	153	597	750	413	50	205	1	205	617	822	1	487	0	822	1	487
	Left-Through		1							1				1				1	
	Through	879	3	220	189	1068	356	535	1425	3	356	189	1614	3	487	0	1614	3	487
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		182		North-South:	239		North-South:		336		North-South:		390		North-South:		390
		East-West:		220		East-West:	413		East-West:		356		East-West:		487		East-West:		487
		SUM:		402		SUM:	652		SUM:		692		SUM:		877		SUM:		877
VOLUME/CAPACITY (v/c) RATIO:				0.268			0.435				0.461				0.585				0.585
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.168			0.335				0.361				0.485				0.485
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.124 — Δv/c after mitigation: 0.124

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	84	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	131	1	131	0	131	131	6	139	1	139	0	139	1	139	0	139	1	139
	Left-Through		0							0				0				0	
	Through	449	4	112	166	615	154	397	851	4	213	166	1017	4	254	0	1017	4	254
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	716	3	239	125	841	280	482	1207	3	402	125	1332	3	444	0	1332	3	444
	Through-Right		1							1				1				1	
	Right	297	0	297	66	363	363	122	423	0	423	66	489	0	489	0	489	0	489
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		131		North-South:	154		North-South:		213		North-South:		254		North-South:		254
		East-West:		297		East-West:	363		East-West:		423		East-West:		489		East-West:		489
		SUM:		428		SUM:	517		SUM:		636		SUM:		743		SUM:		743
VOLUME/CAPACITY (v/c) RATIO:				0.285			0.345				0.424				0.495				0.495
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.185			0.245				0.324				0.395				0.395
LEVEL OF SERVICE (LOS):				A			A				A				A				A

6

Change in v/c due to project: 0.071 — Δv/c after mitigation: 0.071

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	85	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	305	1	167	0	305	167	117	426	1	227	0	426	1	227	0	426	1	227
	Through-Right		1							1				1				1	
	Right	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	70	1	70	0	70	70	1	72	1	72	0	72	1	72	0	72	1	72
	Left-Through		0							0				0				0	
	Through	335	2	168	0	335	168	65	404	1	404	0	404	1	404	0	404	1	404
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	88	1	88	0	88	88	84	173	1	173	0	173	1	173	0	173	1	173
	Left-Through		0							0				0				0	
	Through	548	3	183	3	551	184	207	762	3	254	3	765	3	255	0	765	3	255
	Through-Right		0							0				0				0	
	Right	39	1	39	0	39	39	86	125	1	125	0	125	1	125	0	125	1	125
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		237		North-South:	237		North-South:		404		North-South:		404		North-South:		404
		East-West:		183		East-West:	184		East-West:		254		East-West:		255		East-West:		255
		SUM:		420		SUM:	421		SUM:		658		SUM:		659		SUM:		659
VOLUME/CAPACITY (V/C) RATIO:				0.280			0.281				0.439				0.439				0.439
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.180			0.181				0.339				0.339				0.339
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	86	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	546	2	273	0	546	273	202	755	2	378	0	755	2	378	0	755	2	378
	Through-Right		0							0				0				0	
	Right	45	1	45	0	45	45	0	46	1	46	0	46	1	46	0	46	1	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	272	2	150	0	272	150	97	372	2	205	0	372	2	205	0	372	2	205
	Left-Through		0							0				0				0	
	Through	416	1	261	0	416	261	136	557	1	332	0	557	1	332	0	557	1	332
	Through-Right		1							1				1				1	
	Right	105	0	105	0	105	105	0	106	0	106	0	106	0	106	0	106	0	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		273		North-South:	273		North-South:		378		North-South:		378		North-South:		378
		East-West:		261		East-West:	261		East-West:		332		East-West:		332		East-West:		332
		SUM:		534		SUM:	534		SUM:		710		SUM:		710		SUM:		710
VOLUME/CAPACITY (V/C) RATIO:				0.356			0.356				0.473				0.473				0.473
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.256			0.256				0.373				0.373				0.373
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	87	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	213	2	117	22	235	129	42	258	2	142	22	280	2	154	0	280	2	154
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	5	5	0	0	0	5	0	0	0	5	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	9	9	0	0	0	9	0	0	0	9	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	16	0	16	374	390	390	66	82	0	82	374	456	0	456	0	456	0	456
	Left-Through		1							1				1				1	
	Through	882	4	180	501	1383	346	418	1311	4	279	513	1824	4	456	0	1824	4	456
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	17	17	0	17	0	17	0	0	0	17	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		117		North-South:	129		North-South:		142		North-South:		154		North-South:		154
		East-West:		180		East-West:	390		East-West:		279		East-West:		456		East-West:		456
		SUM:		297		SUM:	519		SUM:		421		SUM:		610		SUM:		610
VOLUME/CAPACITY (V/C) RATIO:				0.198			0.346				0.281				0.407				0.407
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.099			0.246				0.181				0.307				0.307
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.126 | Δv/c after mitigation: 0.126 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	88	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	160	1	160	358	518	518	199	361	1	361	370	731	1	731	0	731	1	731
	Left-Through		0							0				0				0	
	Through	634	6	106	228	862	144	389	1031	6	172	228	1259	6	210	0	1259	6	210
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	713	4	178	517	1230	308	303	1025	4	256	517	1542	4	386	0	1542	4	386
	Through-Right		0							0				0				0	
	Right	120	1	120	329	449	449	21	142	1	142	329	471	1	471	0	471	1	471
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		160		North-South:	518		North-South:		361		North-South:		731		North-South:		731
		East-West:		178		East-West:	449		East-West:		256		East-West:		471		East-West:		471
		SUM:		338		SUM:	967		SUM:		617		SUM:		1202		SUM:		1202
VOLUME/CAPACITY (V/C) RATIO:				0.225			0.645				0.411				0.801				0.801
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.125			0.545				0.311				0.701				0.701
LEVEL OF SERVICE (LOS):				A			A				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.390 | Δv/c after mitigation: 0.390 | Significant impacted?: YES | Fully mitigated?: NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
89	East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	491	4	123	300	791	198	355	852	4	213	300	1152	4	288	0	1152	4	288
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	105	1	105	483	588	588	5	111	1	111	483	594	1	594	0	594	1	594
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	67	0	67	35	102	102	48	116	0	116	35	151	0	151	0	151	0	151
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	698	3	191	363	1061	291	319	1025	3	285	363	1388	3	385	0	1388	3	385
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	123		North-South:	588		North-South:		213		North-South:		594		North-South:		594
		East-West:	191		East-West:	291		East-West:		285		East-West:		385		East-West:		385
		SUM:	314		SUM:	879		SUM:		498		SUM:		979		SUM:		979
VOLUME/CAPACITY (V/C) RATIO:			0.209			0.586				0.332				0.653				0.653
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.109			0.486				0.232				0.553				0.553
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.321 | Δv/c after mitigation: 0.321 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
90	East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	15	1	15	0	15	15	6	21	1	21	0	21	1	21	0	21	1	21
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	127	2	64	1	128	64	96	225	2	113	1	226	2	113	0	226	2	113
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	247	2	124	190	437	219	141	391	2	196	190	581	2	291	0	581	2	291
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	86	1	86	97	183	183	56	143	1	143	97	240	1	240	0	240	1	240
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	34	1	34	24	58	58	30	64	1	64	24	88	1	88	0	88	1	88
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	478	2	177	131	609	221	286	770	2	278	131	901	2	322	0	901	2	322
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	54	0	54	0	54	54	10	65	0	65	0	65	0	65	0	65	0	65
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	139		North-South:	234		North-South:		217		North-South:		312		North-South:		312
		East-West:	177		East-West:	221		East-West:		278		East-West:		322		East-West:		322
		SUM:	316		SUM:	455		SUM:		495		SUM:		634		SUM:		634
VOLUME/CAPACITY (V/C) RATIO:			0.211			0.303				0.330				0.423				0.423
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.111			0.203				0.230				0.323				0.323
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.093 | Δv/c after mitigation: 0.093 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
91	East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	43	1	43	0	43	43	49	93	1	93	0	93	1	93	0	93	1	93
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	352	2	176	0	352	176	152	508	2	254	0	508	2	254	0	508	2	254
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	399	1	237	0	399	237	66	470	0	595	0	470	0	595	0	470	0	595
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	74	0	74	0	74	74	50	125	0	0	0	125	0	0	0	125	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	445	2	140	155	600	179	228	678	2	201	155	833	2	240	0	833	2	240
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	95	0	140	0	95	179	10	106	0	201	0	106	0	240	0	106	0	240
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	280		North-South:	280		North-South:		688		North-South:		688		North-South:		688
		East-West:	140		East-West:	179		East-West:		201		East-West:		240		East-West:		240
		SUM:	420		SUM:	459		SUM:		889		SUM:		928		SUM:		928
VOLUME/CAPACITY (V/C) RATIO:			0.295			0.322				0.624				0.651				0.651
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.195			0.222				0.524				0.551				0.551
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.027 | Δv/c after mitigation: 0.027 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
92	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	26	1	26	0	26	26	0	26	1	26	0	26	1	26	0	26	1	26
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	49	1	49	0	49	49	9	59	1	59	0	59	1	59	0	59	1	59
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	39	1	16	0	39	16	0	39	1	10	0	39	1	10	0	39	1	10
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	8	1	8	0	8	8	0	8	1	8	0	8	1	8	0	8	1	8
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	170	1	170	0	170	170	56	228	1	228	0	228	1	228	0	228	1	228
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	24	1	15	0	24	15	9	33	1	5	0	33	1	5	0	33	1	5
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	19	1	19	0	19	19	38	57	1	57	0	57	1	57	0	57	1	57
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	366	2	183	196	562	281	84	454	2	227	196	650	2	325	0	650	2	325
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	85	1	72	0	85	72	15	101	1	88	0	101	1	88	0	101	1	88
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	46	1	46	0	46	46	11	58	1	58	0	58	1	58	0	58	1	58
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	445	2	223	0	445	223	98	548	2	274	0	548	2	274	0	548	2	274
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	11	1	7	0	11	7	17	28	1	24	0	28	1	24	0	28	1	24
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	196		North-South:	196		North-South:		254		North-South:		254		North-South:		254
		East-West:	242		East-West:	327		East-West:		331		East-West:		383		East-West:		383
		SUM:	438		SUM:	523		SUM:		585		SUM:		637		SUM:		637
VOLUME/CAPACITY (V/C) RATIO:			0.292			0.349				0.390				0.425				0.425
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.222			0.279				0.290				0.325				0.325
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.035 | Δv/c after mitigation: 0.035 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	93	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	87	0	87	0	87	87	41	129	0	129	0	129	0	129	0	129	0	129
	Left-Through		1							1				1				1	
	Through	660	3	**158**	5	665	**182**	365	1033	3	**241**	5	1038	3	**265**	0	1038	3	**265**
	Through-Right		1							1				1				1	
	Right	43	0	158	116	159	182	0	44	0	241	116	160	0	265	0	160	0	265
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	199	2	**109**	0	199	109	80	281	2	**155**	0	281	2	155	0	281	2	155
	Left-Through		0							0				0				0	
	Through	312	2	156	196	508	**254**	72	388	2	194	196	584	2	**292**	0	584	2	**292**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	167	2	84	0	167	84	55	224	2	**112**	0	224	2	112	0	224	2	112
	Through-Right		0							0				0				0	
	Right	97	1	**97**	0	97	97	0	98	1	98	0	98	1	98	0	98	1	98
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		158	North-South:		182	North-South:			241	North-South:			265	North-South:			265
		East-West:		206	East-West:		254	East-West:			267	East-West:			292	East-West:			292
		SUM:		364	SUM:		436	SUM:			508	SUM:			557	SUM:			557
VOLUME/CAPACITY (V/C) RATIO:				0.255			0.306				0.356				0.391				0.391
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.185			0.236				0.256				0.291				0.291
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.035 | Δv/c after mitigation: 0.035 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	94	North-South Street:	Lucas	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	21	0	**21**	0	21	**21**	8	29	0	**29**	0	29	0	**29**	0	29	0	**29**
	Left-Through		0							0				0				0	
	Through	80	0	109	0	80	109	60	141	0	208	0	141	0	208	0	141	0	208
	Through-Right		0							0				0				0	
	Right	8	0	0	0	8	0	30	38	0	0	0	38	0	0	0	38	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	25	0	25	151	176	**176**	30	55	0	55	151	206	0	**206**	0	206	0	**206**
	Left-Through		0							0				0				0	
	Through	87	0	**185**	160	247	**496**	63	151	0	**286**	160	311	0	**597**	0	311	0	**597**
	Through-Right		0							0				0				0	
	Right	73	0	0	0	73	0	6	80	0	0	0	80	0	0	0	80	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	72	1	72	0	72	72	3	76	1	**76**	0	76	1	**76**	0	76	1	**76**
	Left-Through		0							0				0				0	
	Through	393	1	**208**	12	405	**214**	176	574	1	301	12	586	1	307	0	586	1	307
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	6	28	0	28	0	28	0	28	0	28	0	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	6	1	**6**	0	6	**6**	3	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	231	1	119	0	231	119	184	418	1	**246**	0	418	1	**246**	0	418	1	**246**
	Through-Right		1							1				1				1	
	Right	7	0	7	0	7	7	67	74	0	74	0	74	0	74	0	74	0	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		206	North-South:		517	North-South:			315	North-South:			626	North-South:			626
		East-West:		214	East-West:		220	East-West:			322	East-West:			322	East-West:			322
		SUM:		420	SUM:		737	SUM:			637	SUM:			948	SUM:			948
VOLUME/CAPACITY (V/C) RATIO:				0.280			0.491				0.425				0.632				0.632
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.210			0.421				0.325				0.532				0.532
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.207 | Δv/c after mitigation: 0.207 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	95	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	18	1	**18**	0	18	**18**	2	20	1	**20**	0	20	1	**20**	0	20	1	**20**
	Left-Through		0							0				0				0	
	Through	37	0	55	0	37	55	16	53	0	94	0	53	0	94	0	53	0	94
	Through-Right		1							1				1				1	
	Right	18	0	0	0	18	0	23	41	0	0	0	41	0	0	0	41	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	24	1	24	0	24	24	4	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	80	0	**100**	0	80	**100**	10	91	0	**122**	0	91	0	**122**	0	91	0	**122**
	Through-Right		1							1				1				1	
	Right	20	0	0	0	20	0	11	31	0	0	0	31	0	0	0	31	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	20	1	20	0	20	20	15	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	330	1	**208**	164	494	**290**	262	596	1	**346**	164	760	1	**428**	0	760	1	**428**
	Through-Right		1							1				1				1	
	Right	86	0	86	0	86	86	9	96	0	96	0	96	0	96	0	96	0	96
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	32	1	**32**	0	32	**32**	7	39	1	**39**	0	39	1	**39**	0	39	1	**39**
	Left-Through		0							0				0				0	
	Through	207	1	117	0	207	117	263	472	1	252	0	472	1	252	0	472	1	252
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	6	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		118	North-South:		118	North-South:			142	North-South:			142	North-South:			142
		East-West:		240	East-West:		322	East-West:			385	East-West:			467	East-West:			467
		SUM:		358	SUM:		440	SUM:			527	SUM:			609	SUM:			609
VOLUME/CAPACITY (V/C) RATIO:				0.239			0.293				0.351				0.406				0.406
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.169			0.223				0.251				0.306				0.306
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.055 | Δv/c after mitigation: 0.055 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	96	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	881	5	**147**	4	885	**148**	411	1303	5	**217**	4	1307	5	**218**	0	1307	5	**218**
	Through-Right		1							1				1				1	
	Right	88	1	88	1	89	89	34	123	1	123	1	124	1	124	0	124	1	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	105	1	105	42	147	147	127	233	1	233	42	275	1	275	0	275	1	275
	Left-Through		1							1				1				1	
	Through	851	4	**170**	952	1803	**361**	443	1304	4	**261**	952	2256	4	**451**	0	2256	4	**451**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		147	North-South:		148	North-South:			217	North-South:			218	North-South:			218
		East-West:		170	East-West:		361	East-West:			261	East-West:			451	East-West:			451
		SUM:		317	SUM:		509	SUM:			478	SUM:			669	SUM:			669
VOLUME/CAPACITY (V/C) RATIO:				0.211			0.339				0.319				0.446				0.446
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.141			0.269				0.219				0.346				0.346
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.127 | Δv/c after mitigation: 0.127 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	97	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	124	2	68	51	175	96	1	126	2	69	51	177	2	97	0	177	2	97
	Left-Through		0							0				0				0	
	Through	310	4	78	423	733	183	260	574	4	144	423	997	4	249	0	997	4	249
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	756	3	191	463	1219	382	303	1068	3	289	463	1531	3	480	0	1531	3	480
	Through-Right		1							1				1				1	
	Right	201	1	0	490	691	0	175	378	1	0	490	868	1	0	0	868	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		78	North-South:		183	North-South:			144	North-South:			249	North-South:			249
		East-West:		191	East-West:		382	East-West:			289	East-West:			480	East-West:			480
		SUM:		269	SUM:		565	SUM:			433	SUM:			729	SUM:			729
VOLUME/CAPACITY (V/C) RATIO:				0.179			0.377				0.289				0.486				0.486
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.117			0.307				0.189				0.386				0.386
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.197 — Δv/c after mitigation: 0.197

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	98	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	96	0	96	0	96	96	9	106	0	106	0	106	0	106	0	106	0	106
	Left-Through		1							1				1				1	
	Through	319	3	104	354	673	192	204	527	3	158	354	881	3	247	0	881	3	247
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	737	4	167	180	917	229	264	1010	4	231	180	1190	4	294	0	1190	4	294
	Through-Right		1							1				1				1	
	Right	98	0	98	136	234	234	47	146	0	146	136	282	0	282	0	282	0	282
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		104	North-South:		192	North-South:			158	North-South:			247	North-South:			247
		East-West:		167	East-West:		234	East-West:			231	East-West:			294	East-West:			294
		SUM:		271	SUM:		426	SUM:			389	SUM:			541	SUM:			541
VOLUME/CAPACITY (V/C) RATIO:				0.181			0.284				0.259				0.361				0.361
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.117			0.214				0.159				0.261				0.261
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.102 — Δv/c after mitigation: 0.102

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	99	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	188	1	132	0	188	132	116	306	1	191	0	306	1	191	0	306	1	191
	Through-Right		1							1				1				1	
	Right	75	0	75	0	75	75	0	76	0	76	0	76	0	76	0	76	0	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	48	1	48	0	48	48	27	76	1	76	0	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	287	3	96	180	467	156	196	486	3	162	180	666	3	222	0	666	3	222
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	Left-Through		1							1				1				1	
	Through	623	2	182	0	623	216	245	876	2	254	0	876	2	289	0	876	2	289
	Through-Right		1							1				1				1	
	Right	75	0	182	138	213	216	37	113	0	254	138	251	0	289	0	251	0	289
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		180	North-South:		180	North-South:			267	North-South:			267	North-South:			267
		East-West:		182	East-West:		216	East-West:			254	East-West:			289	East-West:			289
		SUM:		362	SUM:		396	SUM:			521	SUM:			556	SUM:			556
VOLUME/CAPACITY (V/C) RATIO:				0.241			0.264				0.347				0.371				0.371
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.171			0.194				0.247				0.271				0.271
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.024 — Δv/c after mitigation: 0.024

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	100	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	121	0	121	0	121	121	40	162	0	162	0	162	0	162	0	162	0	162
	Left-Through		1							1				1				1	
	Through	564	4	137	196	760	176	313	884	2	349	196	1080	2	414	0	1080	2	414
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	608	3	188	0	608	188	240	855	3	255	0	855	3	255	0	855	3	255
	Through-Right		1							1				1				1	
	Right	142	0	142	0	142	142	22	166	0	166	0	166	0	166	0	166	0	166
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		137	North-South:		176	North-South:			349	North-South:			414	North-South:			414
		East-West:		188	East-West:		188	East-West:			255	East-West:			255	East-West:			255
		SUM:		325	SUM:		364	SUM:			604	SUM:			669	SUM:			669
VOLUME/CAPACITY (V/C) RATIO:				0.217			0.243				0.403				0.446				0.446
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.147			0.173				0.303				0.346				0.346
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.043 — Δv/c after mitigation: 0.043

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	101	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		451	4	113	0	451	113	343	799	4	200	0	799	4	200	0	799	4	200
	Through-Right			0							0				0				0	
	Right		94	1	94	0	94	94	30	125	1	125	0	125	1	125	0	125	1	125
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		184	0	184	0	184	184	88	274	0	274	0	274	0	274	0	274	0	274
	Left-Through			1							1				1				1	
	Through		518	3	173	0	518	173	192	716	3	239	0	716	3	239	0	716	3	239
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		113	North-South:		113	North-South:			200	North-South:			200	North-South:			200
			East-West:		184	East-West:		184	East-West:			274	East-West:			274	East-West:			274
			SUM:		297	SUM:		297	SUM:			474	SUM:			474	SUM:			474
	VOLUME/CAPACITY (V/C) RATIO:				0.198			0.198				0.316				0.316				0.316
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.129			0.129				0.216				0.216				0.216
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	102	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		399	3	140	0	399	140	267	671	3	235	0	671	3	235	0	671	3	235
	Left-Through			0							0				0				0	
	Through		568	4	142	121	689	172	272	847	4	212	121	968	4	242	0	968	4	242
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		693	5	116	0	693	130	320	1021	5	170	0	1021	5	181	0	1021	5	181
	Through-Right			1							1				1				1	
	Right		103	1	103	116	219	0	28	132	1	132	116	248	1	0	0	248	1	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		142	North-South:		172	North-South:			235	North-South:			242	North-South:			242
			East-West:		116	East-West:		130	East-West:			170	East-West:			181	East-West:			181
			SUM:		258	SUM:		302	SUM:			405	SUM:			423	SUM:			423
	VOLUME/CAPACITY (V/C) RATIO:				0.172			0.201				0.270				0.282				0.282
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.112			0.131				0.170				0.182				0.182
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.012 | Δv/c after mitigation: 0.012

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	103	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through	253	3	84	286	539	180	120	376	3	125	286	662	3	221	0	662	3	221
	Through-Right		0							0				0				0		
	Right	64	1	64	111	175	175	9	74	1	74	111	185	1	185	0	185	1	185	
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left	164	1	140	68	232	186	78	244	1	235	68	312	1	281	0	312	1	281	
	Left-Through		1							1				1				1		
	Through	538	3	140	161	699	186	387	931	3	235	161	1092	3	281	0	1092	3	281	
	Through-Right		1							1				1				1		
	Right	35	0	35	5	40	40	4	39	0	39	5	44	0	44	0	44	0	44	
	Left-Through-Right		0							0				0				0		
	Left-Right		0							0				0				0		
	CRITICAL VOLUMES		North-South:		84	North-South:		180	North-South:			125	North-South:			221	North-South:			221
			East-West:		140	East-West:		186	East-West:			235	East-West:			281	East-West:			281
			SUM:		224	SUM:		366	SUM:			360	SUM:			502	SUM:			502
	VOLUME/CAPACITY (V/C) RATIO:				0.149			0.244				0.240				0.335				0.335
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.097			0.174				0.140				0.235				0.235
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.095 | Δv/c after mitigation: 0.095

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	104	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		232	2	128	0	232	128	27	262	2	144	0	262	2	144	0	262	2	144
	Left-Through			0							0				0				0	
	Through	276	3	92	8	284	95	243	522	3	174	8	530	3	177	0	530	3	177
	Through-Right		0							0				0				0		
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0		
	Right	100	2	55	0	100	55	40	141	2	78	0	141	2	78	0	141	2	78	
	Left-Through-Right		0							0				0				0		
	Left-Right		0							0				0				0		
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through	385	3	106	234	619	164	402	792	3	210	234	1026	3	268	0	1026	3	268	
	Through-Right		1							1				1				1		
	Right	37	0	37	1	38	38	9	46	0	46	1	47	0	47	0	47	0	47	
	Left-Through-Right		0							0				0				0		
	Left-Right		0							0				0				0		
	CRITICAL VOLUMES		North-South:		183	North-South:		183	North-South:			222	North-South:			222	North-South:			222
			East-West:		106	East-West:		164	East-West:			210	East-West:			268	East-West:			268
			SUM:		289	SUM:		347	SUM:			432	SUM:			490	SUM:			490
	VOLUME/CAPACITY (V/C) RATIO:				0.203			0.244				0.303				0.344				0.344
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.133			0.174				0.203				0.244				0.244
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.041 | Δv/c after mitigation: 0.041

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	105	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	37	1 0	37	0	37	37	1	38	1 0	38	0	38	1 0	38	0	38	1 0	38
	Left-Through																		
	Through	175	2 0	88	0	175	88	115	292	2 0	146	0	292	2 0	146	0	292	2 0	146
	Through-Right																		
	Right	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	282	2 1	124	213	495	229	209	494	2 1	247	213	707	2 1	354	0	707	2 0	354
	Through-Right																		
	Right	90	0 0	90	103	193	193	209	300	0 0	300	103	403	0 0	403	0	403	0 0	403
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Through-Right		0							0				0				0	
	Right	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	18	1 0	18	8	26	26	14	32	1 0	32	8	40	1 0	40	0	40	1 0	40
	Left-Through		0							0				0				0	
	Through	268	3 1	83	131	399	115	201	472	3 1	143	131	603	3 1	175	0	603	3 1	175
	Through-Right																		
	Right	62	0 0	62	0	62	62	35	98	0 0	98	0	98	0 0	98	0	98	0 0	98
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		161	North-South:		266	North-South:			338	North-South:			441	North-South:			441
		East-West:		83	East-West:		115	East-West:			143	East-West:			175	East-West:			175
		SUM:		244	SUM:		381	SUM:			481	SUM:			616	SUM:			616
VOLUME/CAPACITY (V/C) RATIO:				0.163			0.254				0.321				0.411				0.411
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.106			0.184				0.221				0.311				0.311
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.090 Δv/c after mitigation: 0.090

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	106	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Through-Right		0							0				0				0	
	Right	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	477	4 1	105	196	673	168	324	807	3 1	269	196	1003	3 1	334	0	1003	3 1	334
	Through-Right																		
	Right	47	0 0	47	140	187	187	142	190	1 0	190	140	330	1 0	330	0	330	1 0	330
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Through-Right		0							0				0				0	
	Right	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	156	0 1	156	0	156	156	29	187	0 1	187	0	187	0 1	187	0	187	0 1	187
	Left-Through																		
	Through	248	3 0	83	0	248	83	146	397	3 0	132	0	397	3 0	132	0	397	3 0	132
	Through-Right																		
	Right	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		105	North-South:		187	North-South:			269	North-South:			334	North-South:			334
		East-West:		156	East-West:		156	East-West:			187	East-West:			187	East-West:			187
		SUM:		261	SUM:		343	SUM:			456	SUM:			521	SUM:			521
VOLUME/CAPACITY (V/C) RATIO:				0.174			0.229				0.304				0.347				0.347
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.113			0.159				0.204				0.247				0.247
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.043 Δv/c after mitigation: 0.043

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	107	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	177	1 0	177	0	177	177	34	213	1 0	213	0	213	1 0	213	0	213	1 0	213
	Left-Through																		
	Through	484	4 0	121	0	484	121	397	887	4 0	222	0	887	4 0	222	0	887	4 0	222
	Through-Right																		
	Right	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Through-Right		0							0				0				0	
	Right	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Through-Right		0							0				0				0	
	Right	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	233	3 1	78	0	233	78	141	377	3 1	117	0	377	3 1	117	0	377	3 1	117
	Through-Right																		
	Right	81	0 0	81	0	81	81	8	90	0 0	90	0	90	0 0	90	0	90	0 0	90
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		177	North-South:		177	North-South:			222	North-South:			222	North-South:			222
		East-West:		81	East-West:		81	East-West:			117	East-West:			117	East-West:			117
		SUM:		258	SUM:		258	SUM:			339	SUM:			339	SUM:			339
VOLUME/CAPACITY (V/C) RATIO:				0.172			0.172				0.226				0.226				0.226
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.112			0.112				0.126				0.126				0.126
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	108	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	2nd	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3				3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	3	WB-- 0	EB--	3	WB-- 0	EB--	3	WB-- 0	EB--	3	WB-- 0	EB--	3	WB-- 0	EB--	3	WB-- 0	EB--	3	WB-- 0	EB--	3	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	2 0	30	0	55	30	19	75	2 0	41	0	75	2 0	41	0	75	2 0	41
	Left-Through																		
	Through	381	2 1	152	0	381	152	188	574	2 1	218	0	574	2 1	218	0	574	2 1	218
	Through-Right																		
	Right	75	0 0	75	0	75	75	4	80	0 0	80	0	80	0 0	80	0	80	0 0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	33	2 0	18	0	33	18	2	35	2 0	19	0	35	2 0	19	0	35	2 0	19
	Left-Through		0							0				0				0	
	Through	181	1 1	102	0	181	102	0	183	1 1	103	0	183	1 1	103	0	183	1 1	103
	Through-Right																		
	Right	22	0 0	22	0	22	22	0	22	0 0	22	0	22	0 0	22	0	22	0 0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	1 0	34	0	34	34	0	34	1 0	34	0	34	1 0	34	0	34	1 0	34
	Left-Through		0							0				0				0	
	Through	181	2 0	91	18	199	100	21	204	2 0	102	18	222	2 0	111	0	222	2 0	111
	Through-Right																		
	Right	141	1 0	111	0	141	111	8	151	1 0	110	0	151	1 0	110	0	151	1 0	110
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	26	1 0	26	0	26	26	0	26	1 0	26	0	26	1 0	26	0	26	1 0	26
	Left-Through		0							0				0				0	
	Through	100	2 0	50	0	100	50	16	117	2 0	59	0	117	2 0	59	0	117	2 0	59
	Through-Right																		
	Right	14	1 0	5	0	14	5	0	14	1 0	5	0	14	1 0	5	0	14	1 0	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		170	North-South:		170	North-South:			237	North-South:			237	North-South:			237
		East-West:		137	East-West:		137	East-West:			136	East-West:			137	East-West:			137
		SUM:		307	SUM:		307	SUM:			373	SUM:			374	SUM:			374
VOLUME/CAPACITY (V/C) RATIO:				0.215			0.215				0.262				0.262				0.262
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.145			0.145				0.162				0.162				0.162
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
109	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	45	1	45	0	45	45	1	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	160	1	103	0	160	103	51	213	1	141	0	213	1	141	0	213	1	141
	Through-Right		1							1				1				1	
	Right	45	0	45	0	45	45	22	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	1	31	0	31	31	0	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	129	2	65	0	129	65	37	168	2	84	0	168	2	84	0	168	2	84
	Through-Right		0							0				0				0	
	Right	58	1	45	0	58	45	20	79	1	56	0	79	1	56	0	79	1	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	26	1	26	0	26	26	21	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	211	2	80	29	240	90	176	390	2	140	29	419	2	150	0	419	2	150
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	0	30	0	30	0	30	0	30	0	30	0	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	31	1	31	0	31	31	2	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	157	2	63	0	157	63	163	322	2	118	0	322	2	118	0	322	2	118
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		134	North-South:		134	North-South:			172	North-South:			172	North-South:			172
		East-West:		111	East-West:		121	East-West:			173	East-West:			183	East-West:			183
		SUM:		245	SUM:		255	SUM:			345	SUM:			355	SUM:			355
VOLUME/CAPACITY (V/C) RATIO:				0.163			0.170				0.230				0.237				0.237
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.106			0.111				0.130				0.137				0.137
LEVEL OF SERVICE (LOS):				A			A				A				A				A

No. of Phases			2			2			2				2				2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2				2		2
Override Capacity			0			0			0				0				0		0

PROJECT IMPACT

Change in v/c due to project: 0.007 | Δv/c after mitigation: 0.007
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
110	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	16	1	16	0	16	16	0	16	1	16	0	16	1	16	0	16	1	16
	Left-Through		0							0				0				0	
	Through	100	2	50	0	100	50	17	118	2	59	0	118	2	59	0	118	2	59
	Through-Right		0							1				0				0	
	Right	55	1	22	0	55	22	0	56	1	6	0	56	1	6	0	56	1	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	111	1	111	20	131	131	45	157	1	157	20	177	1	177	0	177	1	177
	Left-Through		0							0				0				0	
	Through	88	1	55	345	433	228	52	141	1	82	345	486	1	254	0	486	1	254
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	64	1	64	0	64	64	7	72	1	72	0	72	1	72	0	72	1	72
	Left-Through		0							0				0				0	
	Through	325	2	163	29	354	177	209	538	2	269	29	567	2	284	0	567	2	284
	Through-Right		0							0				0				0	
	Right	84	1	68	0	84	68	18	103	1	87	0	103	1	87	0	103	1	87
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	33	1	33	0	33	33	17	50	1	50	0	50	1	50	0	50	1	50
	Left-Through		0							0				0				0	
	Through	200	2	88	0	200	88	161	363	2	155	0	363	2	155	0	363	2	155
	Through-Right		1							1				1				1	
	Right	65	0	65	0	65	65	35	101	0	101	0	101	0	101	0	101	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		161	North-South:		244	North-South:			216	North-South:			270	North-South:			270
		East-West:		196	East-West:		210	East-West:			319	East-West:			334	East-West:			334
		SUM:		357	SUM:		454	SUM:			535	SUM:			604	SUM:			604
VOLUME/CAPACITY (V/C) RATIO:				0.260			0.330				0.389				0.439				0.439
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.190			0.260				0.289				0.339				0.339
LEVEL OF SERVICE (LOS):				A			A				A				A				A

No. of Phases			4			4			4				4				4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0
	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2				2		2
Override Capacity			0			0			0				0				0		0

PROJECT IMPACT

Change in v/c due to project: 0.050 | Δv/c after mitigation: 0.050
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
111	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	19	1	19	0	19	19	23	42	1	42	0	42	1	42	0	42	1	42
	Left-Through		0							0				0				0	
	Through	56	2	28	0	56	28	57	114	2	57	0	114	2	57	0	114	2	57
	Through-Right		0							0				0				0	
	Right	14	1	0	0	14	0	258	272	1	236	0	272	1	235	0	272	1	235
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	61	1	61	0	61	61	106	168	1	168	0	168	1	168	0	168	1	168
	Left-Through		0							0				0				0	
	Through	304	1	182	363	667	363	92	400	1	239	363	763	1	420	0	763	1	420
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	17	77	0	77	0	77	0	77	0	77	0	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	81	1	81	0	81	81	0	82	1	82	0	82	1	82	0	82	1	82
	Left-Through		0							0				0				0	
	Through	262	2	131	20	282	141	226	491	2	218	20	511	2	234	0	511	2	234
	Through-Right		1							1				1				1	
	Right	131	0	122	29	160	151	29	162	0	162	29	191	0	191	0	191	0	191
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	106	2	58	5	111	61	11	118	2	36	5	123	2	37	0	123	2	37
	Left-Through		0							0				0				0	
	Through	229	2	114	0	229	114	173	405	2	203	0	405	2	203	0	405	2	203
	Through-Right		1							1				1				1	
	Right	114	0	114	0	114	114	101	216	0	132	0	216	0	132	0	216	0	132
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		201	North-South:		382	North-South:			404	North-South:			462	North-South:			462
		East-West:		195	East-West:		212	East-West:			285	East-West:			285	East-West:			285
		SUM:		396	SUM:		594	SUM:			689	SUM:			747	SUM:			747
VOLUME/CAPACITY (V/C) RATIO:				0.278			0.417				0.484				0.524				0.524
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.208			0.347				0.384				0.424				0.424
LEVEL OF SERVICE (LOS):				A			A				A				A				A

No. of Phases			3			3			3				3				3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3 SB--		3	NB-- 3 SB--		3	NB-- 3 SB--		3	NB-- 3 SB--		3	NB-- 3 SB--		3	NB-- 3 SB--		3
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2				2		2
Override Capacity			0			0			0				0				0		0

PROJECT IMPACT

Change in v/c due to project: 0.040 | Δv/c after mitigation: 0.040
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
112	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	80	2	44	0	80	44	171	252	2	139	0	252	2	139	0	252	2	139
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	162	2	65	0	162	65	85	249	2	93	0	249	2	93	0	249	2	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	353	2	129	20	373	135	282	639	2	306	20	659	2	313	0	659	2	313
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	247	280	0	280	0	280	0	280	0	280	0	280
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	1	24	0	24	24	20	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	281	3	94	5	286	95	114	398	3	133	5	403	3	134	0	403	3	134
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		65	North-South:		65	North-South:			139	North-South:			139	North-South:			139
		East-West:		153	East-West:		159	East-West:			350	East-West:			357	East-West:			357
		SUM:		218	SUM:		224	SUM:			489	SUM:			496	SUM:			496
VOLUME/CAPACITY (V/C) RATIO:				0.153			0.157				0.343				0.348				0.348
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.099			0.102				0.243				0.248				0.248
LEVEL OF SERVICE (LOS):				A			A				A				A				A

No. of Phases			3			3			3				3				3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2				2		2
Override Capacity			0			0			0				0				0		0

PROJECT IMPACT

Change in v/c due to project: 0.005 | Δv/c after mitigation: 0.005
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	113	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	19	1	**19**	0	19	**19**	0	19	1	19	0	19	1	**19**	0	19	1	**19**
	Left-Through		0							0				0				0	
	Through	139	1	81	0	139	81	124	265	1	**147**	0	265	1	147	0	265	1	147
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	5	28	0	28	0	28	0	28	0	28	0	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	55	1	55	0	55	55	0	56	1	**56**	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	289	2	**120**	305	594	**223**	135	427	2	166	305	732	2	**270**	0	732	2	**270**
	Through-Right		1							1				1				1	
	Right	71	0	71	5	76	76	0	72	0	72	5	77	0	77	0	77	0	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	76	1	**76**	0	76	**76**	28	105	1	105	0	105	1	105	0	105	1	105
	Left-Through		0							0				0				0	
	Through	275	2	99	0	275	105	289	567	2	**213**	0	567	2	**219**	0	567	2	**219**
	Through-Right		1							1				1				1	
	Right	21	0	21	20	41	41	50	71	0	71	20	91	0	91	0	91	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	16	1	16	0	16	16	122	138	1	**138**	0	138	1	**138**	0	138	1	**138**
	Left-Through		0							0				0				0	
	Through	232	2	**85**	0	232	**85**	134	369	2	130	0	369	2	130	0	369	2	130
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		139	North-South:		242	North-South:			203	North-South:			289	North-South:			289
		East-West:		161	East-West:		161	East-West:			351	East-West:			357	East-West:			357
		SUM:		300	SUM:		403	SUM:			554	SUM:			646	SUM:			646
VOLUME/CAPACITY (V/C) RATIO:				0.211			0.283				0.389				0.453				0.453
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.141			0.213				0.289				0.353				0.353
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.064 Δv/c after mitigation: 0.064

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	114	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--	EB-- 0 WB--	3	NB-- 0 SB--	EB-- 0 WB--	3	NB-- 0 SB--	EB-- 0 WB--	3	NB-- 0 SB--	EB-- 0 WB--	3	NB-- 0 SB--	EB-- 0 WB--	3	NB-- 0 SB--	EB-- 0 WB--	3	NB-- 0 SB--	EB-- 0 WB--	3	NB-- 0 SB--	EB-- 0 WB--	3
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	10	0	10	0	10	10	3	13	0	13	0	13	0	13	0	13	0	13
	Left-Through		1							1				1				1	
	Through	305	3	**79**	348	653	**166**	392	701	2	**238**	348	1049	2	**354**	0	1049	2	**354**
	Through-Right		1							1				1				1	
	Right	42	1	10	0	42	10	69	112	1	80	0	112	1	80	0	112	1	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	32	1	32	0	32	32	0	32	1	32	0	32	1	32	0	32	1	32
	Left-Through		0							0				0				0	
	Through	236	2	**87**	0	236	**87**	233	472	2	**174**	0	472	2	**174**	0	472	2	**174**
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	24	49	0	49	0	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	1	**22**	0	22	**22**	12	34	1	**34**	0	34	1	**34**	0	34	1	**34**
	Left-Through		0							0				0				0	
	Through	161	2	54	0	161	54	189	352	2	118	0	352	2	118	0	352	2	118
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		79	North-South:		166	North-South:			238	North-South:			354	North-South:			354
		East-West:		109	East-West:		109	East-West:			208	East-West:			208	East-West:			208
		SUM:		188	SUM:		275	SUM:			446	SUM:			562	SUM:			562
VOLUME/CAPACITY (V/C) RATIO:				0.132			0.193				0.313				0.394				0.394
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.086			0.125				0.213				0.294				0.294
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.081 Δv/c after mitigation: 0.081

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	115	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	34	0	34	0	34	34	24	58	0	58	0	58	0	58	0	58	0	58
	Left-Through		1							1				1				1	
	Through	259	2	**85**	0	259	**85**	449	711	2	**209**	0	711	2	**209**	0	711	2	**209**
	Through-Right		1							1				1				1	
	Right	47	0	85	0	47	85	18	66	0	209	0	66	0	209	0	66	0	209
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	63	1	63	0	63	63	118	182	1	**182**	0	182	1	**182**	0	182	1	**182**
	Left-Through		0							0				0				0	
	Through	444	3	**148**	0	444	**148**	118	567	3	189	0	567	3	189	0	567	3	189
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	195	2	73	0	195	73	178	375	2	**134**	0	375	2	**134**	0	375	2	**134**
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	3	26	0	26	0	26	0	26	0	26	0	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		85	North-South:		85	North-South:			209	North-South:			209	North-South:			209
		East-West:		148	East-West:		148	East-West:			316	East-West:			316	East-West:			316
		SUM:		233	SUM:		233	SUM:			525	SUM:			525	SUM:			525
VOLUME/CAPACITY (V/C) RATIO:				0.164			0.164				0.368				0.368				0.368
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.106			0.106				0.268				0.268				0.268
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	116	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Temple/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	24	1	24	0	24	**24**	0	24	1	24	0	24	1	24	0	24	1	24
	Left-Through		0							0				0				0	
	Through	77	1	**77**	0	77	77	59	137	1	**108**	0	137	1	**108**	0	137	1	**108**
	Through-Right		1							1				1				1	
	Right	78	0	53	0	78	53	0	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	182	1	**182**	19	201	201	59	243	1	**243**	19	262	1	**262**	0	262	1	**262**
	Left-Through		0							0				0				0	
	Through	126	1	86	365	491	**268**	54	182	1	114	365	547	1	297	0	547	1	297
	Through-Right		1							1				1				1	
	Right	45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	133	1	133	0	133	133	30	165	1	165	0	165	1	165	0	165	1	165
	Left-Through		0							0				0				0	
	Through	373	1	**220**	0	373	**220**	86	463	1	**286**	0	463	1	**286**	0	463	1	**286**
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	40	108	0	108	0	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	51	1	**51**	0	51	**51**	3	55	1	**55**	0	55	1	**55**	0	55	1	**55**
	Left-Through		0							0				0				0	
	Through	276	2	138	0	276	138	29	308	2	154	0	308	2	154	0	308	2	154
	Through-Right		1							1				1				1	
	Right	116	1	25	0	116	16	35	152	1	31	0	152	1	21	0	152	1	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		259	North-South:		292	North-South:			351	North-South:			370	North-South:			370
		East-West:		271	East-West:		271	East-West:			341	East-West:			341	East-West:			341
		SUM:		530	SUM:		563	SUM:			692	SUM:			711	SUM:			711
VOLUME/CAPACITY (V/C) RATIO:				0.372			0.395				0.486				0.499				0.499
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.302			0.325				0.386				0.399				0.399
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.013 Δv/c after mitigation: 0.013

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	117	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Aliso	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	272	3	91	0	272	91	360	635	3	212	0	635	3	212	0	635	3	212
	Through-Right		0							0				0				0	
	Right	100	1	**100**	0	100	**100**	209	310	1	**310**	0	310	1	**310**	0	310	1	**310**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	118	0	118	0	118	118	54	173	0	173	0	173	0	173	0	173	0	173
	Left-Through		1							1				1				1	
	Through	370	2	**163**	0	370	**163**	302	676	2	**283**	0	676	2	**283**	0	676	2	**283**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	100		*North-South:*	100		*North-South:*		310		*North-South:*		310		*North-South:*		310
			East-West:	163		*East-West:*	163		*East-West:*		283		*East-West:*		283		*East-West:*		283
			SUM:	263		*SUM:*	263		*SUM:*		593		*SUM:*		593		*SUM:*		593
	VOLUME/CAPACITY (*V/C*) RATIO:			0.175			0.175				0.395				0.395				0.395
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.114			0.114				0.295				0.295				0.295
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

	No. of Phases			2			2			2				2				2		
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0		
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0
	ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2				2		
	Override Capacity			0			0			0				0				0		

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — *Δv/c* after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	118	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Aliso	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	162	2	**81**	0	162	**81**	11	175	2	**88**	0	175	2	**88**	0	175	2	**88**
	Through-Right		0							0				0				0	
	Right	16	1	16	0	16	16	52	68	1	68	0	68	1	68	0	68	1	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	88	0	**88**	0	88	**88**	0	89	0	**89**	0	89	0	**89**	0	89	0	**89**
	Left-Through		1							1				1				1	
	Through	271	2	120	0	271	120	18	292	2	127	0	292	2	127	0	292	2	127
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	20	0	20	0	20	20	65	85	0	85	0	85	0	85	0	85	0	85
	Left-Through		1							1				1				1	
	Through	420	2	**116**	0	420	**116**	392	817	2	**245**	0	817	2	**245**	0	817	2	**245**
	Through-Right		1							1				1				1	
	Right	24	0	116	0	24	116	53	77	0	245	0	77	0	245	0	77	0	245
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	169		*North-South:*	169		*North-South:*		177		*North-South:*		177		*North-South:*		177
			East-West:	116		*East-West:*	116		*East-West:*		245		*East-West:*		245		*East-West:*		245
			SUM:	285		*SUM:*	285		*SUM:*		422		*SUM:*		422		*SUM:*		422
	VOLUME/CAPACITY (*V/C*) RATIO:			0.190			0.190				0.281				0.281				0.281
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.124			0.124				0.181				0.181				0.181
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

	No. of Phases			2			2			2				2				2		
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0		
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 2	SB--	0	NB--	2 SB--	0	NB--	2 SB--	0	NB--	2 SB--	0	NB--	2 SB--	0	NB--	2 SB--	0
		EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0
	ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2				2		
	Override Capacity			0			0			0				0				0		

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — *Δv/c* after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	119	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	I-110 On-Ramp/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	167	1	**167**	0	167	**167**	161	330	1	**330**	0	330	1	**330**	0	330	1	**330**
	Left-Through		0							0				0				0	
	Through	229	2	115	0	229	115	92	324	2	162	0	324	2	162	0	324	2	162
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	301	2	151	51	352	176	114	419	2	210	51	470	2	235	0	470	2	235
	Through-Right		0							0				0				0	
	Right	272	1	**272**	0	272	**272**	88	363	1	**363**	0	363	1	**363**	0	363	1	**363**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	58	0	**58**	0	58	58	31	90	0	**90**	0	90	0	**90**	0	90	0	**90**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	217	1	0	306	523	**124**	121	341	1	0	306	647	1	39	0	647	1	39
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	439		*North-South:*	439		*North-South:*		693		*North-South:*		693		*North-South:*		693
			East-West:	58		*East-West:*	124		*East-West:*		90		*East-West:*		90		*East-West:*		90
			SUM:	497		*SUM:*	563		*SUM:*		783		*SUM:*		783		*SUM:*		783
	VOLUME/CAPACITY (*V/C*) RATIO:			0.349			0.395				0.549				0.549				0.549
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.279			0.325				0.449				0.449				0.449
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

	No. of Phases			3			3			3				3				3		
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0		
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	3	NB--	0 SB--	3	NB--	0 SB--	3	NB--	0 SB--	3	NB--	0 SB--	3	NB--	0 SB--	3
		EB-- 3	WB--	0	EB--	3 WB--	0	EB--	3 WB--	0	EB--	3 WB--	0	EB--	3 WB--	0	EB--	3 WB--	0
	ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2				2		
	Override Capacity			0			0			0				0				0		

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — *Δv/c* after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	120	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Sunset	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	165	0	165	0	165	165	0	167	0	167	0	167	0	167	0	167	0	167
	Left-Through		0							0				0				0	
	Through	45	0	**297**	0	45	**297**	41	87	0	**370**	0	87	0	**370**	0	87	0	**370**
	Through-Right		0							0				0				0	
	Right	87	0	0	0	87	0	28	116	0	0	0	116	0	0	0	116	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	32	0	**32**	0	32	**32**	63	95	0	**95**	0	95	0	**95**	0	95	0	**95**
	Left-Through		1							1				1				1	
	Through	58	1	45	0	58	45	41	100	1	98	0	100	1	98	0	100	1	98
	Through-Right		0							0				0				0	
	Right	57	1	0	0	57	0	11	69	1	0	0	69	1	0	0	69	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	24	1	**24**	0	24	24	0	24	1	24	0	24	1	24	0	24	1	24
	Left-Through		0							0				0				0	
	Through	568	2	213	51	619	**230**	89	664	2	**245**	51	715	2	**262**	0	715	2	**262**
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	0	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	68	1	68	0	68	**68**	31	100	1	**100**	0	100	1	**100**	0	100	1	**100**
	Left-Through		0							0				0				0	
	Through	766	2	**263**	0	766	263	94	869	2	297	0	869	2	297	0	869	2	297
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	329		*North-South:*	329		*North-South:*		465		*North-South:*		465		*North-South:*		465
			East-West:	287		*East-West:*	298		*East-West:*		345		*East-West:*		362		*East-West:*		362
			SUM:	616		*SUM:*	627		*SUM:*		810		*SUM:*		827		*SUM:*		827
	VOLUME/CAPACITY (*V/C*) RATIO:			0.411			0.418				0.540				0.551				0.551
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.341			0.348				0.440				0.451				0.451
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

	No. of Phases			2			2			2				2				2		
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0		
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	1	NB--	0 SB--	1	NB--	0 SB--	1	NB--	0 SB--	1	NB--	0 SB--	1	NB--	0 SB--	1
		EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0
	ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2				2		
	Override Capacity			0			0			0				0				0		

PROJECT IMPACT

Change in *v/c* due to project: 0.011 — *Δv/c* after mitigation: 0.011

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	121	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			1		1
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	186	1	**186**	0	186	**186**	4	192	1	192	0	192	1	192	0	192	1	192
	Left-Through		0							0				0				0	
	Through	299	2	150	0	299	150	162	465	2	**233**	0	465	2	**233**	0	465	2	**233**
	Through-Right		0							0				0				0	
	Right	192	1	158	0	192	158	18	212	1	177	0	212	1	177	0	212	1	177
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	53	1	53	0	53	53	0	54	1	**54**	0	54	1	**54**	0	54	1	**54**
	Left-Through		0							0				0				0	
	Through	71	2	**36**	0	71	**36**	22	94	2	47	0	94	2	47	0	94	2	47
	Through-Right		0							0				0				0	
	Right	71	1	29	0	71	29	0	72	1	25	0	72	1	25	0	72	1	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	85	1	**85**	0	85	**85**	9	95	1	**95**	0	95	1	**95**	0	95	1	**95**
	Left-Through		0							0				0				0	
	Through	549	2	209	51	600	226	166	722	2	269	51	773	2	286	0	773	2	286
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	6	86	0	86	0	86	0	86	0	86	0	86
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	69	1	69	0	69	69	0	70	1	70	0	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	899	2	**321**	0	899	**321**	121	1031	2	**383**	0	1031	2	**383**	0	1031	2	**383**
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	53	118	0	118	0	118	0	118	0	118	0	118
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		222	*North-South:*		222	*North-South:*			287	*North-South:*			287	*North-South:*			287
		East-West:		406	*East-West:*		406	*East-West:*			478	*East-West:*			478	*East-West:*			478
		SUM:		628	*SUM:*		628	*SUM:*			765	*SUM:*			765	*SUM:*			765
VOLUME/CAPACITY (*V/C*) RATIO:				0.457			0.457				0.556				0.556				0.556
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.387**			**0.387**				**0.456**				**0.456**				**0.456**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — *Δv/c* after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	122	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		3	0	3	0
ATSAC-1 or ATSAC+ATCS-2?			1		1
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	233	1	**233**	0	233	**233**	27	263	1	**263**	0	263	1	**263**	0	263	1	**263**
	Left-Through		0							0				0				0	
	Through	36	1	36	0	36	36	86	122	1	122	0	122	1	122	0	122	1	122
	Through-Right		0							0				0				0	
	Right	79	1	0	0	79	0	11	91	1	0	0	91	1	0	0	91	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	7	1	7	0	7	7	0	7	1	7	0	7	1	7	0	7	1	7
	Left-Through		0							0				0				0	
	Through	123	1	**123**	0	123	**123**	112	236	1	**236**	0	236	1	**236**	0	236	1	**236**
	Through-Right		0							0				0				0	
	Right	14	1	4	0	14	4	0	14	1	4	0	14	1	4	0	14	1	4
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	536	2	**268**	0	536	**268**	126	668	2	**334**	0	668	2	**334**	0	668	2	**334**
	Through-Right		0							0				0				0	
	Right	225	1	109	51	276	160	29	257	1	126	51	308	1	177	0	308	1	177
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	224	2	**123**	0	224	**123**	62	289	2	**159**	0	289	2	**159**	0	289	2	**159**
	Left-Through		0							0				0				0	
	Through	780	2	273	0	780	273	113	902	2	313	0	902	2	313	0	902	2	313
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	0	38	0	38	0	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		356	*North-South:*		356	*North-South:*			499	*North-South:*			499	*North-South:*			499
		East-West:		391	*East-West:*		391	*East-West:*			493	*East-West:*			493	*East-West:*			493
		SUM:		747	*SUM:*		747	*SUM:*			992	*SUM:*			992	*SUM:*			992
VOLUME/CAPACITY (*V/C*) RATIO:				0.524			0.524				0.696				0.696				0.696
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.454**			**0.454**				**0.596**				**0.596**				**0.596**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — *Δv/c* after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	123	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1	1		1
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	8	1	**8**	0	8	**8**	0	8	1	**8**	0	8	1	**8**	0	8	1	**8**
	Left-Through		0							0				0				0	
	Through	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Through-Right		0							0				0				0	
	Right	30	1	0	0	30	0	0	30	1	0	0	30	1	0	0	30	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
	Left-Through		0							0				0				0	
	Through	99	0	**198**	78	177	**276**	209	309	0	**430**	78	387	0	**508**	0	387	0	**508**
	Through-Right		0							0				0				0	
	Right	90	0	0	0	90	0	21	112	0	0	0	112	0	0	0	112	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Left-Through		0							0				0				0	
	Through	461	2	**231**	0	461	**231**	79	546	2	**273**	0	546	2	**273**	0	546	2	**273**
	Through-Right		0							0				0				0	
	Right	124	1	0	0	124	0	19	144	1	0	0	144	1	0	0	144	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	266	2	**146**	0	266	**146**	10	279	2	**153**	0	279	2	**153**	0	279	2	**153**
	Left-Through		0							0				0				0	
	Through	842	2	305	0	842	305	95	947	2	341	0	947	2	341	0	947	2	341
	Through-Right		1							1				1				1	
	Right	74	0	74	0	74	74	0	75	0	75	0	75	0	75	0	75	0	75
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		206	*North-South:*		284	*North-South:*			438	*North-South:*			516	*North-South:*			516
		East-West:		377	*East-West:*		377	*East-West:*			426	*East-West:*			426	*East-West:*			426
		SUM:		583	*SUM:*		661	*SUM:*			864	*SUM:*			942	*SUM:*			942
VOLUME/CAPACITY (*V/C*) RATIO:				0.409			0.464				0.606				0.661				0.661
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.339**			**0.394**				**0.506**				**0.561**				**0.561**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: 0.055 — *Δv/c* after mitigation: 0.055

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	124	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		0	1		1
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	169	1	114	0	169	114	19	190	1	190	0	190	1	190	0	190	1	190
	Left-Through		1							1				1				1	
	Through	173	1	114	0	173	114	358	533	1	**232**	0	533	1	**232**	0	533	1	**232**
	Through-Right		1							1				1				1	
	Right	143	0	**143**	0	143	**143**	17	162	0	162	0	162	0	162	0	162	0	162
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	50	1	**50**	0	50	**50**	0	51	1	**51**	0	51	1	**51**	0	51	1	**51**
	Left-Through		0							0				0				0	
	Through	447	2	224	0	447	224	79	531	2	266	0	531	2	266	0	531	2	266
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	946	1	**491**	0	946	**491**	86	1043	1	**573**	0	1043	1	**573**	0	1043	1	**573**
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	68	103	0	103	0	103	0	103	0	103	0	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		143	*North-South:*		143	*North-South:*			232	*North-South:*			232	*North-South:*			232
		East-West:		541	*East-West:*		541	*East-West:*			624	*East-West:*			624	*East-West:*			624
		SUM:		684	*SUM:*		684	*SUM:*			856	*SUM:*			856	*SUM:*			856
VOLUME/CAPACITY (*V/C*) RATIO:				0.456			0.456				0.571				0.571				0.571
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.386**			**0.386**				**0.471**				**0.471**				**0.471**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — *Δv/c* after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
125	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	225	1	225	0	225	225	0	228	1	228	0	228	1	228	0	228	1	228
	Left-Through		0							0				0				0	
	Through	605	2	237	0	605	237	80	692	2	266	0	692	2	266	0	692	2	266
	Through-Right		1							1				1				1	
	Right	105	0	105	0	105	105	0	106	0	106	0	106	0	106	0	106	0	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	64	1	64	0	64	64	23	88	1	88	0	88	1	88	0	88	1	88
	Left-Through		0							0				0				0	
	Through	726	2	291	0	726	291	131	866	2	338	0	866	2	338	0	866	2	338
	Through-Right		1							1				1				1	
	Right	147	0	147	0	147	147	0	149	0	149	0	149	0	149	0	149	0	149
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	321	2	161	0	321	161	96	421	2	211	0	421	2	211	0	421	2	211
	Through-Right		0							0				0				0	
	Right	220	1	0	0	220	0	0	223	1	0	0	223	1	0	0	223	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	153	1	153	0	153	153	0	155	1	155	0	155	1	155	0	155	1	155
	Left-Through		0							0				0				0	
	Through	611	2	226	0	611	226	89	707	2	258	0	707	2	258	0	707	2	258
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		516	North-South:		516	North-South:			566	North-South:			566	North-South:			566
		East-West:		314	East-West:		314	East-West:			366	East-West:			366	East-West:			366
		SUM:		830	SUM:		830	SUM:			932	SUM:			932	SUM:			932
VOLUME/CAPACITY (V/C) RATIO:				0.604			0.604				0.678				0.678				0.678
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.534			0.534				0.578				0.578				0.578
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
126	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	3	1	3	0	3	3	96	99	1	99	0	99	1	99	0	99	1	99
	Left-Through		0							0				0				0	
	Through	107	1	61	0	107	61	247	355	1	185	0	355	1	185	0	355	1	185
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	33	1	33	0	33	33	0	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	182	1	121	0	182	141	0	184	1	148	0	184	1	167	0	184	1	167
	Through-Right		1							1				1				1	
	Right	60	0	60	39	99	99	50	111	0	111	39	150	0	150	0	150	0	150
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	47	1	47	0	47	47	7	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	78	1	49	0	78	49	37	116	1	68	0	116	1	68	0	116	1	68
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	257	1	156	0	257	156	41	301	1	179	0	301	1	179	0	301	1	179
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		124	North-South:		144	North-South:			247	North-South:			266	North-South:			266
		East-West:		203	East-West:		203	East-West:			234	East-West:			234	East-West:			234
		SUM:		327	SUM:		347	SUM:			481	SUM:			500	SUM:			500
VOLUME/CAPACITY (V/C) RATIO:				0.229			0.244				0.338				0.351				0.351
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.159			0.174				0.238				0.251				0.251
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.013 Δv/c after mitigation: 0.013

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
127	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	56	1	56	0	56	56	16	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	258	2	129	0	258	129	23	284	2	142	0	284	2	142	0	284	2	142
	Through-Right		0							0				0				0	
	Right	51	1	28	0	51	28	27	79	1	9	0	79	1	9	0	79	1	9
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	61	1	61	0	61	61	17	79	1	79	0	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	172	2	86	0	172	86	52	226	2	107	0	226	2	113	0	226	2	113
	Through-Right		1							1				1				1	
	Right	94	0	72	39	133	111	0	95	0	95	39	134	0	112	0	134	0	112
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	44	1	44	0	44	44	0	45	1	45	0	45	1	45	0	45	1	45
	Left-Through		0							0				0				0	
	Through	38	1	38	0	38	38	32	70	1	70	0	70	1	70	0	70	1	70
	Through-Right		1							1				1				1	
	Right	86	0	58	0	86	58	36	123	0	87	0	123	0	87	0	123	0	87
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	23	1	23	0	23	23	47	70	1	70	0	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	74	2	37	39	113	57	113	188	2	94	39	227	2	114	0	227	2	114
	Through-Right		0							0				0				0	
	Right	72	1	42	0	72	42	15	88	1	49	0	88	1	49	0	88	1	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		190	North-South:		190	North-South:			221	North-South:			221	North-South:			221
		East-West:		86	East-West:		101	East-West:			157	East-West:			159	East-West:			159
		SUM:		276	SUM:		291	SUM:			378	SUM:			380	SUM:			380
VOLUME/CAPACITY (V/C) RATIO:				0.194			0.204				0.265				0.267				0.267
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.126			0.134				0.165				0.167				0.167
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.002 Δv/c after mitigation: 0.002

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
128	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	31	1	31	0	31	31	0	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	254	1	158	0	254	158	144	401	1	232	0	401	1	232	0	401	1	232
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	95	1	95	0	95	95	96	192	1	192	0	192	1	192	0	192	1	192
	Left-Through		0							0				0				0	
	Through	549	1	292	297	846	441	110	666	1	351	297	963	1	499	0	963	1	499
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	0	34	0	34	34	0	34	0	34	0	34	0	34	0	34	0	34
	Left-Through		0							1				1				1	
	Through	148	0	103	0	148	103	0	150	0	121	0	150	0	121	0	150	0	121
	Through-Right		1							1				1				1	
	Right	24	0	103	0	24	103	0	24	0	121	0	24	0	121	0	24	0	121
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through		0							1				1				1	
	Through	118	0	150	0	118	150	0	119	0	170	0	119	0	170	0	119	0	170
	Through-Right		1							1				1				1	
	Right	132	0	150	0	132	150	63	197	0	101	0	197	0	101	0	197	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		323	North-South:		472	North-South:			424	North-South:			530	North-South:			530
		East-West:		184	East-West:		184	East-West:			204	East-West:			204	East-West:			204
		SUM:		507	SUM:		656	SUM:			628	SUM:			734	SUM:			734
VOLUME/CAPACITY (V/C) RATIO:				0.338			0.437				0.419				0.489				0.489
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.268			0.367				0.319				0.389				0.389
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.070 Δv/c after mitigation: 0.070

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	129	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	College	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	31	1	31	0	31	31	0	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	330	1	206	0	330	206	206	540	1	311	0	540	1	311	0	540	1	311
	Through-Right		1							1				1				1	
	Right	81	0	81	0	81	81	0	82	0	82	0	82	0	82	0	82	0	82
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	225	1	225	0	225	225	57	285	1	285	0	285	1	285	0	285	1	285
	Left-Through		0							0				0				0	
	Through	615	1	333	297	912	482	206	828	1	440	297	1125	1	589	0	1125	1	589
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	83	0	83	0	83	83	0	84	0	84	0	84	0	84	0	84	0	84
	Left-Through		1							1				1				1	
	Through	178	0	150	0	178	150	0	180	0	194	0	180	0	194	0	180	0	194
	Through-Right		1							1				1				1	
	Right	39	0	150	0	39	150	0	39	0	194	0	39	0	194	0	39	0	194
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	36	0	36	0	36	36	0	36	0	36	0	36	0	36	0	36	0	36
	Left-Through		1							1				1				1	
	Through	150	0	148	0	150	148	0	152	0	183	0	152	0	183	0	152	0	183
	Through-Right		1							1				1				1	
	Right	109	0	148	0	109	148	68	178	0	183	0	178	0	183	0	178	0	183
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		431	North-South:		513	North-South:			596	North-South:			620	North-South:			620
		East-West:		231	East-West:		231	East-West:			267	East-West:			267	East-West:			267
		SUM:		662	SUM:		744	SUM:			863	SUM:			887	SUM:			887
VOLUME/CAPACITY (V/C) RATIO:				0.441			0.496				0.575				0.591				0.591
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.371			0.426				0.475				0.491				0.491
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.016 Δv/c after mitigation: 0.016

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	130	North-South Street:	Sunset	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Elysian Park	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3		
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	590	2	295	0	590	295	105	702	2	351	0	702	2	351	0	702	2	351
	Through-Right		1							1				1				1	
	Right	706	1	665	0	706	665	0	715	1	673	0	715	1	673	0	715	1	673
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	589	1	589	0	589	589	0	596	1	596	0	596	1	596	0	596	1	596
	Left-Through		0							0				0				0	
	Through	605	2	303	51	656	328	89	701	2	351	51	752	2	376	0	752	2	376
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	75	2	41	0	75	41	0	76	2	42	0	76	2	42	0	76	2	42
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	84	2	0	0	84	0	0	85	2	0	0	85	2	0	0	85	2	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		1254	North-South:		1254	North-South:			1269	North-South:			1269	North-South:			1269
		East-West:		41	East-West:		41	East-West:			42	East-West:			42	East-West:			42
		SUM:		1295	SUM:		1295	SUM:			1311	SUM:			1311	SUM:			1311
VOLUME/CAPACITY (V/C) RATIO:				0.909			0.909				0.920				0.920				0.920
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.839			0.839				0.820				0.820				0.820
LEVEL OF SERVICE (LOS):				D			D				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	131	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Bellevue	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	507	2	254	0	507	254	101	614	2	307	0	614	2	307	0	614	2	307
	Through-Right		0							0				0				0	
	Right	164	1	74	0	164	74	98	264	1	168	0	264	1	168	0	264	1	168
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	90	1	90	0	90	90	0	91	1	91	0	91	1	91	0	91	1	91
	Left-Through		0							0				0				0	
	Through	716	2	358	142	858	429	64	789	2	395	142	931	2	466	0	931	2	466
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	329	2	181	0	329	181	16	349	2	192	0	349	2	192	0	349	2	192
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	124	1	79	0	124	79	0	125	1	80	0	125	1	80	0	125	1	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		358	North-South:		429	North-South:			398	North-South:			466	North-South:			466
		East-West:		181	East-West:		181	East-West:			192	East-West:			192	East-West:			192
		SUM:		539	SUM:		610	SUM:			590	SUM:			658	SUM:			658
VOLUME/CAPACITY (V/C) RATIO:				0.378			0.428				0.414				0.462				0.462
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.308			0.358				0.314				0.362				0.362
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.048 Δv/c after mitigation: 0.048

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	132	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Temple	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	46	1	46	0	46	46	4	51	1	51	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	400	1	208	0	400	208	164	569	1	293	0	569	1	293	0	569	1	293
	Through-Right		1							1				1				1	
	Right	16	0	16	0	16	16	0	16	0	16	0	16	0	16	0	16	0	16
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	90	1	90	0	90	90	1	92	1	92	0	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	464	1	308	157	621	386	84	554	1	363	157	711	1	441	0	711	1	441
	Through-Right		1							1				1				1	
	Right	151	0	151	0	151	151	18	171	0	171	0	171	0	171	0	171	0	171
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	233	1	233	0	233	233	2	238	1	238	0	238	1	238	0	238	1	238
	Left-Through		0							0				0				0	
	Through	266	1	161	0	266	262	31	300	1	185	0	300	1	286	0	300	1	286
	Through-Right		1							1				1				1	
	Right	55	0	55	202	257	257	14	70	0	70	202	272	0	272	0	272	0	272
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	294	1	193	0	294	193	32	330	1	228	0	330	1	228	0	330	1	228
	Through-Right		1							1				1				1	
	Right	91	0	91	0	91	91	34	126	0	126	0	126	0	126	0	126	0	126
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		354	North-South:		432	North-South:			414	North-South:			492	North-South:			492
		East-West:		426	East-West:		426	East-West:			466	East-West:			466	East-West:			466
		SUM:		780	SUM:		858	SUM:			880	SUM:			958	SUM:			958
VOLUME/CAPACITY (V/C) RATIO:				0.547			0.602				0.618				0.672				0.672
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.477			0.532				0.518				0.572				0.572
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.054 Δv/c after mitigation: 0.054

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
133	East-West Street:	US 101 NB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 1
Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	248	1	248	0	248	248	4	255	1	255	0	255	1	255	0	255	1	255
	Left-Through		0							0				0				0	
	Through	625	3	208	0	625	208	120	753	3	251	0	753	3	251	0	753	3	251
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	722	2	329	3	725	330	67	798	2	395	3	801	2	396	0	801	2	396
	Through-Right		1							1				1				1	
	Right	264	0	264	0	264	264	119	386	0	386	0	386	0	386	0	386	0	386
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	234	1	155	0	234	155	19	256	1	175	0	256	1	175	0	256	1	175
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	75	0	155	0	75	155	17	93	0	175	0	93	0	175	0	93	0	175
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
CRITICAL VOLUMES		North-South:		577	North-South:		578	North-South:			650	North-South:			651	North-South:			651
		East-West:		155	East-West:		155	East-West:			175	East-West:			175	East-West:			175
		SUM:		732	SUM:		733	SUM:			825	SUM:			826	SUM:			826
VOLUME/CAPACITY (V/C) RATIO:				0.514			0.514				0.579				0.580				0.580
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.444			0.444				0.479				0.480				0.480
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 Δv/c after mitigation: 0.001
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
134	East-West Street:	US 101 SB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 1
Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	636	2	288	0	636	288	77	721	2	319	0	721	2	319	0	721	2	319
	Through-Right		1							1				1				1	
	Right	229	0	229	0	229	229	3	235	0	235	0	235	0	235	0	235	0	235
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	177	0	177	0	177	177	24	203	0	203	0	203	0	203	0	203	0	203
	Left-Through		1							1				1				1	
	Through	742	2	371	3	745	373	89	840	2	420	3	843	2	422	0	843	2	422
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	203	1	203	0	203	203	73	278	1	278	0	278	1	278	0	278	1	278
	Left-Through		0							0				0				0	
	Through	10	0	0	0	10	0	0	10	0	0	0	10	0	0	0	10	0	0
	Through-Right		0							0				0				0	
	Right	180	1	180	55	235	235	5	187	1	187	55	242	1	242	0	242	1	242
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		465	North-South:		465	North-South:			522	North-South:			522	North-South:			522
		East-West:		203	East-West:		235	East-West:			278	East-West:			278	East-West:			278
		SUM:		668	SUM:		700	SUM:			800	SUM:			800	SUM:			800
VOLUME/CAPACITY (V/C) RATIO:				0.445			0.467				0.533				0.533				0.533
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.375			0.397				0.433				0.433				0.433
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
135	East-West Street:	Beverly	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 1
Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	Left-Through		1							1				1				1	
	Through	682	1	277	0	682	277	71	761	1	304	0	761	1	323	0	761	1	323
	Through-Right		1							1				1				1	
	Right	38	0	277	0	38	277	2	40	0	304	0	40	0	323	0	40	0	323
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
	Left-Through		1							1				1				1	
	Through	793	1	425	58	851	454	81	884	1	470	58	942	1	499	0	942	1	499
	Through-Right		0							0				0				0	
	Right	79	1	37	0	79	37	0	80	1	38	0	80	1	38	0	80	1	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	84	1	84	0	84	84	0	85	1	85	0	85	1	85	0	85	1	85
	Left-Through		0							0				0				0	
	Through	294	2	111	0	294	111	189	487	2	176	0	487	2	176	0	487	2	176
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	0	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	251	2	103	0	251	103	181	435	2	165	0	435	2	165	0	435	2	165
	Through-Right		1							1				1				1	
	Right	58	0	58	0	58	58	0	59	0	59	0	59	0	59	0	59	0	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		453	North-South:		482	North-South:			498	North-South:			527	North-South:			527
		East-West:		187	East-West:		187	East-West:			250	East-West:			250	East-West:			250
		SUM:		640	SUM:		669	SUM:			748	SUM:			777	SUM:			777
VOLUME/CAPACITY (V/C) RATIO:				0.427			0.446				0.499				0.518				0.518
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.357			0.376				0.399				0.418				0.418
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.019 Δv/c after mitigation: 0.019
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
136	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 1
Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	60	1	60	0	60	60	5	66	1	66	0	66	1	66	0	66	1	66
	Left-Through		0							0				0				0	
	Through	1007	2	357	0	1007	357	204	1223	2	432	0	1223	2	432	0	1223	2	432
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	9	73	0	73	0	73	0	73	0	73	0	73
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	79	1	79	0	79	79	0	80	1	80	0	80	1	80	0	80	1	80
	Left-Through		0							0				0				0	
	Through	1038	2	381	45	1083	396	195	1246	2	452	45	1291	2	467	0	1291	2	467
	Through-Right		1							1				1				1	
	Right	104	0	104	0	104	104	5	110	0	110	0	110	0	110	0	110	0	110
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	144	1	144	0	144	144	8	154	1	154	0	154	1	154	0	154	1	154
	Left-Through		0							0				0				0	
	Through	466	1	280	0	466	280	151	623	1	362	0	623	1	362	0	623	1	362
	Through-Right		1							1				1				1	
	Right	93	0	93	0	93	93	6	100	0	100	0	100	0	100	0	100	0	100
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	94	1	94	0	94	94	4	99	1	99	0	99	1	99	0	99	1	99
	Left-Through		0							0				0				0	
	Through	384	2	192	0	384	192	191	580	2	290	0	580	2	290	0	580	2	290
	Through-Right		0							0				0				0	
	Right	89	1	50	0	89	50	0	90	1	50	0	90	1	50	0	90	1	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		441	North-South:		456	North-South:			518	North-South:			533	North-South:			533
		East-West:		374	East-West:		374	East-West:			461	East-West:			461	East-West:			461
		SUM:		815	SUM:		830	SUM:			979	SUM:			994	SUM:			994
VOLUME/CAPACITY (V/C) RATIO:				0.543			0.553				0.653				0.663				0.663
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.473			0.483				0.553				0.563				0.563
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.010 Δv/c after mitigation: 0.010
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	137	North-South Street:	Alvardo	East-West Street:	6th	Year of Count:	2011	Projection Year:	2017	Ambient Growth: (%):	0.2	Peak Hour:		Conducted by:	Eric Ji	Reviewed by:		Date:	10/1/2011	Project:	LAEC

	No. of Phases				2				2				3				3				3				3				3				3
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0				0				0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2				2				2
	Override Capacity				0				0				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	49	0	**49**	0	49	**49**	0	50	0	**50**	0	50	0	**50**	0	50	0	**50**
	Left-Through		1							1				1				1	
	Through	613	1	300	0	613	300	70	690	1	330	0	690	1	330	0	690	1	330
	Through-Right		1							1				1				1	
	Right	92	0	300	0	92	300	8	101	0	330	0	101	0	330	0	101	0	330
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	40	0	40	12	52	52	0	40	0	40	12	52	0	52	0	52	0	52
	Left-Through		1							1				1				1	
	Through	678	1	**319**	45	723	**350**	66	752	1	**350**	45	797	1	**381**	0	797	1	**381**
	Through-Right		1							1				1				1	
	Right	119	0	319	0	119	350	18	138	0	350	0	138	0	381	0	138	0	381
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	54	1	54	0	54	54	3	58	1	58	0	58	1	58	0	58	1	58
	Left-Through		0							0				0				0	
	Through	436	1	**249**	0	436	**249**	140	581	1	**322**	0	581	1	**322**	0	581	1	**322**
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	52	1	**52**	0	52	**52**	18	71	1	**71**	0	71	1	**71**	0	71	1	**71**
	Left-Through		0							0				0				0	
	Through	383	1	217	0	383	217	179	567	1	310	0	567	1	310	0	567	1	310
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		368	North-South:		399	North-South:			400	North-South:			431	North-South:			431
		East-West:		301	East-West:		301	East-West:			393	East-West:			393	East-West:			393
		SUM:		669	SUM:		700	SUM:			793	SUM:			824	SUM:			824
	VOLUME/CAPACITY (V/C) RATIO:			0.446			0.467				0.556				0.578				0.578
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.376			0.397				0.456				0.478				0.478
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.022 | Δv/c after mitigation: 0.022

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	138	North-South Street:	Western	East-West Street:	Wilshire	Year of Count:	2011	Projection Year:	2017	Ambient Growth: (%):	0.2	Peak Hour:		Conducted by:	Eric Ji	Reviewed by:		Date:	10/1/2011	Project:	LAEC

	No. of Phases				4				4				4				4				4				4				4				4
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0				0				0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2				2				2
	Override Capacity				0				0				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	91	0	**91**	0	91	**91**	4	96	0	**96**	0	96	0	**96**	0	96	0	**96**
	Left-Through		1							1				1				1	
	Through	771	1	418	0	771	419	91	871	1	465	0	871	1	466	0	871	1	466
	Through-Right		1							1				1				1	
	Right	119	0	418	2	121	419	21	141	0	465	2	143	0	466	0	143	0	466
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	85	1	85	4	89	89	0	86	1	86	4	90	1	90	0	90	1	90
	Left-Through		0							0				0				0	
	Through	765	1	**426**	41	806	**447**	77	851	1	**470**	41	892	1	**490**	0	892	1	**490**
	Through-Right		1							1				1				1	
	Right	87	0	87	0	87	87	0	88	0	88	0	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	116	1	116	0	116	116	0	117	1	117	0	117	1	117	0	117	1	117
	Left-Through		0							0				0				0	
	Through	610	2	**235**	33	643	**246**	50	667	2	**257**	33	700	2	**268**	0	700	2	**268**
	Through-Right		1							1				1				1	
	Right	94	0	94	0	94	94	9	104	0	104	0	104	0	104	0	104	0	104
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	133	1	**133**	0	133	**133**	18	153	1	**153**	0	153	1	**153**	0	153	1	**153**
	Left-Through		0							0				0				0	
	Through	623	2	235	0	623	235	58	689	2	258	0	689	2	258	0	689	2	258
	Through-Right		1							1				1				1	
	Right	83	0	83	0	83	83	0	84	0	84	0	84	0	84	0	84	0	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		517	North-South:		538	North-South:			566	North-South:			586	North-South:			586
		East-West:		368	East-West:		379	East-West:			410	East-West:			421	East-West:			421
		SUM:		885	SUM:		917	SUM:			976	SUM:			1007	SUM:			1007
	VOLUME/CAPACITY (V/C) RATIO:			0.644			0.667				0.710				0.732				0.732
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.574			0.597				0.610				0.632				0.632
	LEVEL OF SERVICE (LOS):			A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.022 | Δv/c after mitigation: 0.022

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	139	North-South Street:	Normandie	East-West Street:	Wilshire	Year of Count:	2011	Projection Year:	2017	Ambient Growth: (%):	0.2	Peak Hour:		Conducted by:	Eric Ji	Reviewed by:		Date:	10/1/2011	Project:	LAEC

	No. of Phases				3				3				3				3				3				3				3				3
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0				0				0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0
		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2				2				2
	Override Capacity				0				0				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	19	0	**19**	0	19	**19**	1	20	0	**20**	0	20	0	**20**	0	20	0	**20**
	Left-Through		1							1				1				1	
	Through	183	0	111	0	183	111	19	204	0	122	0	204	0	122	0	204	0	122
	Through-Right		1							1				1				1	
	Right	39	1	5	0	39	5	6	45	1	1	0	45	1	1	0	45	1	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	39	0	39	1	40	40	5	44	0	44	1	45	0	45	0	45	0	45
	Left-Through		1							1				1				1	
	Through	414	1	**227**	10	424	**232**	19	438	1	**241**	10	448	1	**247**	0	448	1	**247**
	Through-Right		0							0				0				0	
	Right	75	1	63	0	75	63	0	76	1	64	0	76	1	64	0	76	1	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	691	2	**248**	38	729	**261**	54	753	2	**377**	38	791	2	**396**	0	791	2	**396**
	Through-Right		1							0				0				0	
	Right	54	0	54	0	54	54	1	56	1	56	0	56	1	56	0	56	1	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	34	1	**34**	0	34	**34**	10	44	1	**44**	0	44	1	**44**	0	44	1	**44**
	Left-Through		0							0				0				0	
	Through	392	2	136	0	392	136	62	459	2	230	0	459	2	230	0	459	2	230
	Through-Right		1							0				0				0	
	Right	16	0	16	0	16	16	12	28	1	28	0	28	1	28	0	28	1	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		246	North-South:		251	North-South:			261	North-South:			267	North-South:			267
		East-West:		282	East-West:		295	East-West:			421	East-West:			440	East-West:			440
		SUM:		528	SUM:		546	SUM:			682	SUM:			707	SUM:			707
	VOLUME/CAPACITY (V/C) RATIO:			0.371			0.383				0.479				0.496				0.496
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.301			0.313				0.379				0.396				0.396
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.017 | Δv/c after mitigation: 0.017

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	140	North-South Street:	Vermont	East-West Street:	Wilshire	Year of Count:	2011	Projection Year:	2017	Ambient Growth: (%):	0.2	Peak Hour:		Conducted by:	Eric Ji	Reviewed by:		Date:	10/1/2011	Project:	LAEC

	No. of Phases				4				4				4				4				4				4				4				4
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0				0				0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3
		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2				2				2
	Override Capacity				0				0				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	94	1	**94**	0	94	**94**	43	138	1	**138**	0	138	1	**138**	0	138	1	**138**
	Left-Through		0							0				0				0	
	Through	943	2	326	0	943	327	155	1109	2	381	0	1109	2	382	0	1109	2	382
	Through-Right		1							1				1				1	
	Right	35	0	35	2	37	37	0	35	0	35	2	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	54	1	54	4	58	58	3	58	1	58	4	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	1122	2	**561**	41	1163	**582**	176	1312	2	**656**	41	1353	2	**677**	0	1353	2	**677**
	Through-Right		0							0				0				0	
	Right	77	1	0	0	77	0	27	105	1	0	0	105	1	0	0	105	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	116	1	**116**	0	116	**116**	61	178	1	**178**	0	178	1	**178**	0	178	1	**178**
	Left-Through		0							0				0				0	
	Through	445	2	161	40	485	175	66	516	2	214	40	556	2	227	0	556	2	227
	Through-Right		1							1				1				1	
	Right	39	0	39	0	39	39	86	125	0	125	0	125	0	125	0	125	0	125
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	70	1	70	0	70	70	2	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	629	2	**236**	0	629	**236**	60	697	2	**260**	0	697	2	**260**	0	697	2	**260**
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	3	83	0	83	0	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		655	North-South:		676	North-South:			794	North-South:			815	North-South:			815
		East-West:		352	East-West:		352	East-West:			438	East-West:			438	East-West:			438
		SUM:		1007	SUM:		1028	SUM:			1232	SUM:			1253	SUM:			1253
	VOLUME/CAPACITY (V/C) RATIO:			0.732			0.748				0.896				0.911				0.911
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.662			0.678				0.796				0.811				0.811
	LEVEL OF SERVICE (LOS):			B			B				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.015 | Δv/c after mitigation: 0.015

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	141	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	23	0	**23**	0	23	**23**	0	23	0	23	0	23	0	**23**	0	23	0	**23**
	Left-Through		1							1				1				1	
	Through	643	1	271	0	643	271	77	728	1	**305**	0	728	1	305	0	728	1	305
	Through-Right		1							1				1				1	
	Right	77	0	271	0	77	271	17	95	0	305	0	95	0	305	0	95	0	305
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	41	0	41	0	41	41	0	41	0	**41**	0	41	0	41	0	41	0	41
	Left-Through		1							1				1				1	
	Through	601	1	**291**	45	646	**306**	84	692	1	322	45	737	1	**337**	0	737	1	**337**
	Through-Right		1							1				1				1	
	Right	108	0	291	0	108	306	0	109	0	322	0	109	0	337	0	109	0	337
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	75	1	**75**	0	75	**75**	0	76	1	**76**	0	76	1	**76**	0	76	1	**76**
	Left-Through		0							0				0				0	
	Through	432	1	229	35	467	253	40	477	1	252	35	512	1	275	0	512	1	275
	Through-Right		1							1				1				1	
	Right	26	0	26	12	38	38	0	26	0	26	12	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	41	1	41	0	41	41	22	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	551	1	**320**	0	551	**320**	46	604	1	**348**	0	604	1	**348**	0	604	1	**348**
	Through-Right		1							1				1				1	
	Right	88	0	88	0	88	88	2	91	0	91	0	91	0	91	0	91	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		314	North-South:		329	North-South:			346	North-South:			360	North-South:			360
		East-West:		395	East-West:		395	East-West:			424	East-West:			424	East-West:			424
		SUM:		709	SUM:		724	SUM:			770	SUM:			784	SUM:			784
VOLUME/CAPACITY (V/C) RATIO:				0.473			0.483				0.513				0.523				0.523
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.403**			**0.413**				**0.413**				**0.423**				**0.423**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.010 | Δv/c after mitigation: 0.010

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	142	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	98	1	**98**	0	98	**98**	6	105	1	**105**	0	105	1	**105**	0	105	1	**105**
	Left-Through		0							0				0				0	
	Through	1018	1	546	2	1020	547	149	1179	1	627	2	1181	1	628	0	1181	1	628
	Through-Right		1							1				1				1	
	Right	73	0	73	0	73	73	0	74	0	74	0	74	0	74	0	74	0	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	50	1	50	0	50	50	12	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	1151	1	**623**	41	1192	**644**	193	1358	1	**733**	41	1399	1	**753**	0	1399	1	**753**
	Through-Right		1							1				1				1	
	Right	95	0	95	0	95	95	11	107	0	107	0	107	0	107	0	107	0	107
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	39	0	**39**	0	39	**39**	12	51	0	**51**	0	51	0	**51**	0	51	0	**51**
	Left-Through		1							1				1				1	
	Through	294	0	229	0	294	229	108	406	0	300	0	406	0	300	0	406	0	300
	Through-Right		1							1				1				1	
	Right	85	0	229	0	85	229	6	92	0	300	0	92	0	300	0	92	0	300
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
	Left-Through		1							1				1				1	
	Through	394	0	**267**	0	394	**267**	122	521	0	**334**	0	521	0	**334**	0	521	0	**334**
	Through-Right		1							1				1				1	
	Right	70	0	267	0	70	267	6	77	0	334	0	77	0	334	0	77	0	334
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		721	North-South:		742	North-South:			838	North-South:			858	North-South:			858
		East-West:		306	East-West:		306	East-West:			385	East-West:			385	East-West:			385
		SUM:		1027	SUM:		1048	SUM:			1223	SUM:			1243	SUM:			1243
VOLUME/CAPACITY (V/C) RATIO:				0.685			0.699				0.815				0.829				0.829
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.585**			**0.599**				**0.715**				**0.729**				**0.729**
LEVEL OF SERVICE (LOS):				**A**			**A**				**C**				**C**				**C**

PROJECT IMPACT

Change in v/c due to project: 0.014 | Δv/c after mitigation: 0.014

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	143	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	51	0	51	0	51	51	0	52	0	52	0	52	0	**52**	0	52	0	**52**
	Left-Through		1							1				1				1	
	Through	563	1	**296**	0	563	**296**	91	661	1	**331**	0	661	1	331	0	661	1	331
	Through-Right		1							1				1				1	
	Right	122	0	296	0	122	296	0	123	0	331	0	123	0	331	0	123	0	331
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	39	0	**39**	43	82	**82**	0	39	0	**39**	43	82	0	82	0	82	0	82
	Left-Through		1							1				1				1	
	Through	544	1	256	15	559	318	118	669	1	298	15	684	1	**361**	0	684	1	**361**
	Through-Right		1							1				1				1	
	Right	68	0	256	0	68	318	1	70	0	298	0	70	0	361	0	70	0	361
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	57	1	57	0	57	57	1	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	285	1	**285**	0	285	**285**	149	437	1	**437**	0	437	1	**437**	0	437	1	**437**
	Through-Right		0							1				1				1	
	Right	37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	57	1	**57**	0	57	**57**	0	58	1	**58**	0	58	1	**58**	0	58	1	**58**
	Left-Through		0							0				0				0	
	Through	332	1	217	0	332	217	145	481	1	293	0	481	1	293	0	481	1	293
	Through-Right		1							1				1				1	
	Right	102	0	102	0	102	102	2	105	0	105	0	105	0	105	0	105	0	105
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		335	North-South:		378	North-South:			370	North-South:			413	North-South:			413
		East-West:		342	East-West:		342	East-West:			495	East-West:			495	East-West:			495
		SUM:		677	SUM:		720	SUM:			865	SUM:			908	SUM:			908
VOLUME/CAPACITY (V/C) RATIO:				0.451			0.480				0.577				0.605				0.605
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.351**			**0.380**				**0.477**				**0.505**				**0.505**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.028 | Δv/c after mitigation: 0.028

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	144	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4				4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3
	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	98	1	98	0	98	98	0	99	1	99	0	99	1	99	0	99	1	99
	Left-Through		0							0				0				0	
	Through	812	2	**406**	2	814	**407**	112	934	2	**467**	2	936	2	**468**	0	936	2	**468**
	Through-Right		0							0				0				0	
	Right	82	1	0	9	91	0	9	92	1	0	9	101	1	0	0	101	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	170	1	**170**	18	188	**188**	9	181	1	**181**	18	199	1	**199**	0	199	1	**199**
	Left-Through		0							0				0				0	
	Through	645	2	323	23	668	334	96	749	2	375	23	772	2	386	0	772	2	386
	Through-Right		0							0				0				0	
	Right	94	1	6	0	94	6	0	95	1	6	0	95	1	6	0	95	1	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	88	1	**88**	0	88	88	0	89	1	**89**	0	89	1	89	0	89	1	89
	Left-Through		0							0				0				0	
	Through	613	2	216	156	769	**268**	141	761	2	265	156	917	2	**317**	0	917	2	**317**
	Through-Right		1							1				1				1	
	Right	34	0	34	0	34	34	0	34	0	34	0	34	0	34	0	34	0	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	110	1	110	0	110	**110**	4	115	1	115	0	115	1	**115**	0	115	1	**115**
	Left-Through		0							0				0				0	
	Through	599	2	**244**	0	599	244	144	750	2	**297**	0	750	2	297	0	750	2	297
	Through-Right		1							1				1				1	
	Right	134	0	134	0	134	134	4	140	0	140	0	140	0	140	0	140	0	140
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		576	North-South:		595	North-South:			648	North-South:			667	North-South:			667
		East-West:		332	East-West:		378	East-West:			386	East-West:			432	East-West:			432
		SUM:		908	SUM:		973	SUM:			1034	SUM:			1099	SUM:			1099
VOLUME/CAPACITY (V/C) RATIO:				0.660			0.708				0.752				0.799				0.799
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.560**			**0.608**				**0.652**				**0.699**				**0.699**
LEVEL OF SERVICE (LOS):				**A**			**B**				**B**				**B**				**B**

PROJECT IMPACT

Change in v/c due to project: 0.047 | Δv/c after mitigation: 0.047

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	145	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2				2				2
Override Capacity			0			0			0				0			0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	79	1	79	0	79	79	41	121	1	121	0	121	1	121	0	121	1	121
	Left-Through		0							0				0				0	
	Through	517	1	311	0	517	312	24	547	1	329	0	547	1	330	0	547	1	330
	Through-Right		1							1				1				1	
	Right	105	0	105	2	107	107	4	110	0	110	2	112	0	112	0	112	0	112
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	63	1	63	5	68	68	3	67	1	67	5	72	1	72	0	72	1	72
	Left-Through		0							0				0				0	
	Through	514	2	257	6	520	260	21	541	2	271	6	547	2	274	0	547	2	274
	Through-Right		0							0				0				0	
	Right	72	1	46	0	72	46	22	95	1	64	0	95	1	64	0	95	1	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	52	1	52	0	52	52	10	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	913	2	328	184	1097	389	138	1062	2	384	184	1246	2	445	0	1246	2	445
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	18	90	0	90	0	90	0	90	0	90	0	90
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	80	1	80	0	80	80	7	88	1	88	0	88	1	88	0	88	1	88
	Left-Through		0							0				0				0	
	Through	957	2	333	0	957	333	171	1140	2	395	0	1140	2	395	0	1140	2	395
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	2	46	0	46	0	46	0	46	0	46	0	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		374	North-South:		380	North-South:			396	North-South:			402	North-South:			402
		East-West:		408	East-West:		469	East-West:			472	East-West:			533	East-West:			533
		SUM:		782	SUM:		849	SUM:			868	SUM:			935	SUM:			935
VOLUME/CAPACITY (V/C) RATIO:				0.521			0.566				0.579				0.623				1.005
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.421			0.466				0.479				0.523				0.523
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.044 Δv/c after mitigation: 0.044

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	146	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4				4			4				4				4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2				2				2
Override Capacity			0			0			0				0			0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	78	1	78	0	78	78	15	94	1	94	0	94	1	94	0	94	1	94
	Left-Through		0							0				0				0	
	Through	985	2	493	2	987	494	137	1134	2	567	2	1136	2	568	0	1136	2	568
	Through-Right		1							1				1				1	
	Right	55	1	0	31	86	0	1	57	1	0	31	88	1	0	0	88	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	110	1	110	18	128	128	12	123	1	123	18	141	1	141	0	141	1	141
	Left-Through		0							0				0				0	
	Through	925	1	547	23	948	558	176	1112	1	647	23	1135	1	658	0	1135	1	658
	Through-Right		1							1				1				1	
	Right	168	0	168	0	168	168	11	181	0	181	0	181	0	181	0	181	0	181
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	139	1	139	0	139	139	5	146	1	146	0	146	1	146	0	146	1	146
	Left-Through		0							0				0				0	
	Through	704	2	352	191	895	448	137	849	2	425	191	1040	2	520	0	1040	2	520
	Through-Right		0							0				0				0	
	Right	68	1	29	0	68	29	18	87	1	40	0	87	1	40	0	87	1	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	108	1	108	0	108	108	1	110	1	110	0	110	1	110	0	110	1	110
	Left-Through		0							0				0				0	
	Through	653	2	251	0	653	251	159	820	2	310	0	820	2	310	0	820	2	310
	Through-Right		1							1				1				1	
	Right	100	0	100	0	100	100	10	111	0	111	0	111	0	111	0	111	0	111
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		625	North-South:		636	North-South:			741	North-South:			752	North-South:			752
		East-West:		460	East-West:		556	East-West:			535	East-West:			630	East-West:			630
		SUM:		1085	SUM:		1192	SUM:			1276	SUM:			1382	SUM:			1382
VOLUME/CAPACITY (V/C) RATIO:				0.789			0.867				0.928				1.005				1.005
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.689			0.767				0.828				0.905				0.905
LEVEL OF SERVICE (LOS):				B			C				D				E				E

PROJECT IMPACT

Change in v/c due to project: 0.077 Δv/c after mitigation: 0.077

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	147	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4				4			4				4				4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2				2				2
Override Capacity			0			0			0				0			0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	68	1	68	0	68	68	0	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	522	1	302	0	522	411	85	613	1	358	0	613	1	467	0	613	1	467
	Through-Right		1							1				1				1	
	Right	82	0	82	218	300	300	20	103	0	103	218	321	0	321	0	321	0	321
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	98	1	98	5	103	103	5	104	1	104	5	109	1	109	0	109	1	109
	Left-Through		0							0				0				0	
	Through	472	2	236	10	482	241	111	589	2	295	10	599	2	300	0	599	2	300
	Through-Right		0							0				0				0	
	Right	125	1	27	0	125	27	1	128	1	29	0	128	1	29	0	128	1	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	98	1	98	0	98	98	0	99	1	99	0	99	1	99	0	99	1	99
	Left-Through		0							0				0				0	
	Through	663	2	236	206	869	320	148	819	2	288	206	1025	2	372	0	1025	2	372
	Through-Right		1							1				1				1	
	Right	44	0	44	47	91	91	0	45	0	45	47	92	0	92	0	92	0	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	84	1	84	0	84	84	28	113	1	113	0	113	1	113	0	113	1	113
	Left-Through		0							0				0				0	
	Through	643	2	240	0	643	240	169	820	2	301	0	820	2	301	0	820	2	301
	Through-Right		1							1				1				1	
	Right	78	0	78	0	78	78	5	84	0	84	0	84	0	84	0	84	0	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		400	North-South:		514	North-South:			462	North-South:			576	North-South:			576
		East-West:		338	East-West:		404	East-West:			401	East-West:			485	East-West:			485
		SUM:		738	SUM:		918	SUM:			863	SUM:			1061	SUM:			1061
VOLUME/CAPACITY (V/C) RATIO:				0.537			0.668				0.628				0.772				0.772
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.437			0.568				0.528				0.672				0.672
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.144 Δv/c after mitigation: 0.144

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	148	North-South Street:	Union	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2				2				2
Override Capacity			0			0			0				0			0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	77	1	77	0	77	77	0	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	423	0	445	48	471	493	1	429	0	451	48	477	0	499	0	477	0	499
	Through-Right		1							1				1				1	
	Right	22	0	0	0	22	0	0	22	0	0	0	22	0	0	0	22	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	63	1	63	0	63	63	0	64	1	64	0	64	1	64	0	64	1	64
	Left-Through		0							0				0				0	
	Through	409	1	409	0	409	409	1	415	1	415	0	415	1	415	0	415	1	415
	Through-Right		0							0				0				0	
	Right	95	1	68	0	95	68	0	96	1	69	0	96	1	69	0	96	1	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	54	1	54	0	54	54	0	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	670	2	240	428	1098	382	173	851	2	300	428	1279	2	443	0	1279	2	443
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	50	1	50	62	112	112	0	51	1	51	108	159	1	159	0	159	1	159
	Left-Through		0							0				0				0	
	Through	618	2	227	0	618	227	202	827	2	301	0	827	2	301	0	827	2	301
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	10	75	0	75	0	75	0	75	0	75	0	75
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		508	North-South:		556	North-South:			515	North-South:			563	North-South:			563
		East-West:		290	East-West:		494	East-West:			356	East-West:			602	East-West:			602
		SUM:		798	SUM:		1050	SUM:			871	SUM:			1165	SUM:			1165
VOLUME/CAPACITY (V/C) RATIO:				0.532			0.700				0.581				0.777				0.777
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.432			0.600				0.481				0.677				0.677
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.196 Δv/c after mitigation: 0.196

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
149	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	88	1	88	0	88	88	0	89	1	89	0	89	1	89	0	89	1	89
Left-Through		0							0				0				0	
Through	851	1	470	11	862	477	112	973	1	532	11	984	1	538	0	984	1	538
Through-Right		1							1				1				1	
Right	89	0	89	2	91	91	0	90	0	90	2	92	0	92	0	92	0	92
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND Left	68	1	68	4	72	72	0	69	1	69	4	73	1	73	0	73	1	73
Left-Through		0							0				0				0	
Through	837	1	456	19	856	465	96	943	1	511	19	962	1	521	0	962	1	521
Through-Right		1							1				1				1	
Right	74	0	74	0	74	74	4	79	0	79	0	79	0	79	0	79	0	79
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND Left	84	1	84	0	84	84	9	94	1	94	0	94	1	94	0	94	1	94
Left-Through		0							0				0				0	
Through	441	1	266	33	474	283	73	519	1	306	33	552	1	322	0	552	1	322
Through-Right		1							1				1				1	
Right	91	0	91	0	91	91	0	92	0	92	0	92	0	92	0	92	0	92
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND Left	91	1	91	0	91	91	0	92	1	92	0	92	1	92	0	92	1	92
Left-Through		0							0				0				0	
Through	395	1	238	0	395	238	88	488	1	285	0	488	1	285	0	488	1	285
Through-Right		1							1				1				1	
Right	81	0	81	0	81	81	0	82	0	82	0	82	0	82	0	82	0	82
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		544	North-South:		553	North-South:			601	North-South:			611	North-South:			611
	East-West:		357	East-West:		374	East-West:			398	East-West:			414	East-West:			414
	SUM:		901	SUM:		927	SUM:			999	SUM:			1025	SUM:			1025
VOLUME/CAPACITY (V/C) RATIO:			0.601			0.618				0.666				0.683				0.683
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.501			0.518				0.566				0.583				0.583
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.017 Δv/c after mitigation: 0.017

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
150	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	47	0	47	0	47	47	0	48	0	48	0	48	0	48	0	48	0	48
Left-Through		1							1				1				1	
Through	603	0	469	3	606	471	61	671	0	506	3	674	0	508	0	674	0	508
Through-Right		1							1				1				1	
Right	147	0	469	0	147	471	0	149	0	506	0	149	0	508	0	149	0	508
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND Left	35	0	35	1	36	36	3	38	0	38	1	39	0	39	0	39	0	39
Left-Through		1							1				1				1	
Through	662	0	428	5	667	432	42	712	1	460	5	717	0	464	0	717	0	464
Through-Right		1							1				1				1	
Right	53	0	428	0	53	432	1	55	0	460	0	55	0	464	0	55	0	464
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND Left	35	1	35	0	35	35	1	36	1	36	0	36	1	36	0	36	1	36
Left-Through		0							0				0				0	
Through	421	1	245	39	460	264	73	499	1	284	39	538	1	304	0	538	1	304
Through-Right		1							1				1				1	
Right	68	0	68	0	68	68	0	69	0	69	0	69	0	69	0	69	0	69
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND Left	107	1	107	0	107	107	0	108	1	108	0	108	1	108	0	108	1	108
Left-Through		0							0				0				0	
Through	438	1	245	0	438	245	88	531	1	295	0	531	1	295	0	531	1	295
Through-Right		1							1				1				1	
Right	51	0	51	0	51	51	7	59	0	59	0	59	0	59	0	59	0	59
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		504	North-South:		507	North-South:			544	North-South:			547	North-South:			547
	East-West:		352	East-West:		371	East-West:			392	East-West:			412	East-West:			412
	SUM:		856	SUM:		878	SUM:			936	SUM:			959	SUM:			959
VOLUME/CAPACITY (V/C) RATIO:			0.571			0.585				0.624				0.639				0.639
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.471			0.485				0.524				0.539				0.539
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.015 Δv/c after mitigation: 0.015

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
151	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	87	1	87	0	87	87	0	88	1	88	0	88	1	88	0	88	1	88
Left-Through		0							0				0				0	
Through	1011	1	544	33	1044	604	152	1175	1	627	33	1208	1	687	0	1208	1	687
Through-Right		1							1				1				1	
Right	77	0	77	87	164	164	0	78	0	78	87	165	0	165	0	165	0	165
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND Left	103	1	103	4	107	107	0	104	1	104	4	108	1	108	0	108	1	108
Left-Through		0							0				0				0	
Through	925	1	510	19	944	520	194	1130	1	614	19	1149	1	623	0	1149	1	623
Through-Right		1							1				1				1	
Right	95	0	95	0	95	95	1	97	0	97	0	97	0	97	0	97	0	97
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND Left	75	1	75	0	75	75	1	77	1	77	0	77	1	77	0	77	1	77
Left-Through		0							0				0				0	
Through	472	1	272	41	513	292	74	552	1	312	41	593	1	333	0	593	1	333
Through-Right		1							1				1				1	
Right	71	0	71	0	71	71	0	72	0	72	0	72	0	72	0	72	0	72
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND Left	59	1	59	0	59	59	0	60	1	60	0	60	1	60	0	60	1	60
Left-Through		0							0				0				0	
Through	566	1	318	0	566	318	93	666	1	368	0	666	1	368	0	666	1	368
Through-Right		1							1				1				1	
Right	69	0	69	0	69	69	0	70	0	70	0	70	0	70	0	70	0	70
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		647	North-South:		711	North-South:			731	North-South:			795	North-South:			795
	East-West:		393	East-West:		393	East-West:			445	East-West:			445	East-West:			445
	SUM:		1040	SUM:		1104	SUM:			1176	SUM:			1240	SUM:			1240
VOLUME/CAPACITY (V/C) RATIO:			0.693			0.736				0.784				0.827				0.827
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.593			0.636				0.684				0.727				0.727
LEVEL OF SERVICE (LOS):			A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.043 Δv/c after mitigation: 0.043

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
152	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
Left-Through		1							1				1				1	
Through	486	0	340	85	571	504	99	591	0	401	85	676	0	565	0	676	0	565
Through-Right		1							1				1				1	
Right	126	0	340	243	369	504	14	142	0	401	243	385	0	565	0	385	0	565
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND Left	85	1	85	56	141	141	0	86	1	86	56	142	1	142	0	142	1	142
Left-Through		0							0				0				0	
Through	445	1	300	0	445	300	134	584	1	373	0	584	1	373	0	584	1	373
Through-Right		1							1				1				1	
Right	155	0	155	0	155	155	4	161	0	161	0	161	0	161	0	161	0	161
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND Left	134	1	134	133	267	267	5	141	1	141	133	274	1	274	0	274	1	274
Left-Through		0							0				0				0	
Through	530	1	283	0	530	283	70	606	1	321	0	606	1	321	0	606	1	321
Through-Right		1							1				1				1	
Right	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND Left	93	1	93	-5	88	88	0	94	1	94	-5	89	1	89	0	89	1	89
Left-Through		0							0				0				0	
Through	585	1	349	0	585	349	89	681	1	397	0	681	1	397	0	681	1	397
Through-Right		1							1				1				1	
Right	112	0	112	0	112	112	0	113	0	113	0	113	0	113	0	113	0	113
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		425	North-South:		645	North-South:			487	North-South:			707	North-South:			707
	East-West:		483	East-West:		616	East-West:			538	East-West:			671	East-West:			671
	SUM:		908	SUM:		1261	SUM:			1025	SUM:			1378	SUM:			1378
VOLUME/CAPACITY (V/C) RATIO:			0.637			0.885				0.719				0.967				0.967
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.537			0.785				0.619				0.867				0.867
LEVEL OF SERVICE (LOS):			A			C				B				D				D

PROJECT IMPACT

Change in v/c due to project: 0.248 Δv/c after mitigation: 0.248

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	153	North-South Street:	Pico	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Union	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	61	1	61	0	61	61	0	62	1	62	0	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	458	0	494	0	458	494	0	464	0	500	0	464	0	500	0	464	0	500
	Through-Right		1							1				1				1	
	Right	36	0	0	0	36	0	0	36	0	0	0	36	0	0	0	36	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	1	44	0	44	44	1	46	1	46	0	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	419	1	419	28	447	447	0	424	1	424	48	472	1	472	0	472	1	472
	Through-Right		0							0				0				0	
	Right	103	1	77	0	103	77	0	104	1	77	0	104	1	77	0	104	1	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	53	1	53	0	53	53	0	54	1	54	0	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	683	1	369	299	982	518	84	775	1	415	299	1074	1	565	0	1074	1	565
	Through-Right		1							1				1				1	
	Right	54	0	54	0	54	54	0	55	0	55	0	55	0	55	0	55	0	55
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	46	1	46	0	46	46	7	54	1	54	0	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	691	1	369	-6	685	366	90	789	1	419	-6	783	1	416	0	783	1	416
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	1	49	0	49	0	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		538	North-South:		538	North-South:			546	North-South:			546	North-South:			546
		East-West:		422	East-West:		564	East-West:			473	East-West:			619	East-West:			619
		SUM:		960	SUM:		1102	SUM:			1019	SUM:			1165	SUM:			1165
VOLUME/CAPACITY (V/C) RATIO:				0.640			0.735				0.679				0.777				0.777
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.540			0.635				0.579				0.677				0.677
LEVEL OF SERVICE (LOS):				A			B				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.098 Δv/c after mitigation: 0.098

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	154	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Alvarado	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	1	SB-- 0	NB--	1	SB-- 0	NB--	1	SB-- 0	NB--	1	SB-- 0	NB--	1	SB-- 0	NB--	1	SB-- 0	NB--	1	SB-- 0	
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	575	2	288	11	586	293	70	652	2	326	11	663	2	332	0	663	2	332
	Through-Right		1							1				1				1	
	Right	512	1	0	329	841	0	113	631	1	0	329	960	1	0	0	960	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	592	2	296	4	596	298	16	615	2	308	4	619	2	310	0	619	2	310
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	488	1	251	-5	483	249	135	629	1	322	-5	624	1	319	0	624	1	319
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	14	0	251	0	14	249	0	14	0	322	0	14	0	319	0	14	0	319
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
CRITICAL VOLUMES		North-South:		296	North-South:		298	North-South:			326	North-South:			332	North-South:			332
		East-West:		251	East-West:		249	East-West:			322	East-West:			319	East-West:			319
		SUM:		547	SUM:		547	SUM:			648	SUM:			651	SUM:			651
VOLUME/CAPACITY (V/C) RATIO:				0.365			0.365				0.432				0.434				0.434
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.265			0.265				0.332				0.334				0.334
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.002 Δv/c after mitigation: 0.002

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	155	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	75	1	75	0	75	75	0	76	1	76	0	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	892	1	480	13	905	488	112	1015	1	542	13	1028	1	550	0	1028	1	550
	Through-Right		1							1				1				1	
	Right	67	0	67	4	71	71	0	68	0	68	4	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	42	1	42	8	50	50	0	43	1	43	8	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	756	2	378	11	767	384	96	861	2	431	11	872	2	436	0	872	2	436
	Through-Right		0							0				0				0	
	Right	55	1	25	0	55	25	0	56	1	26	0	56	1	26	0	56	1	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	60	1	60	0	60	60	0	61	1	61	0	61	1	61	0	61	1	61
	Left-Through		0							0				0				0	
	Through	368	1	210	102	470	261	30	402	1	227	102	504	1	278	0	504	1	278
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	86	1	86	0	86	86	0	87	1	87	0	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	343	1	197	0	343	197	37	384	1	218	0	384	1	218	0	384	1	218
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		522	North-South:		538	North-South:			585	North-South:			601	North-South:			601
		East-West:		296	East-West:		347	East-West:			314	East-West:			365	East-West:			365
		SUM:		818	SUM:		885	SUM:			899	SUM:			966	SUM:			966
VOLUME/CAPACITY (V/C) RATIO:				0.545			0.590				0.599				0.644				0.644
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.445			0.490				0.499				0.544				0.544
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.045 Δv/c after mitigation: 0.045

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	156	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	73	1	73	0	73	73	0	74	1	74	0	74	1	74	0	74	1	74
	Left-Through		0							0				0				0	
	Through	692	1	364	3	695	366	61	761	1	399	3	764	1	401	0	764	1	401
	Through-Right		1							1				1				1	
	Right	36	0	36	1	37	37	0	36	0	36	1	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	27	1	27	2	29	29	0	27	1	27	2	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	786	1	427	3	789	428	42	837	1	453	3	840	1	454	0	840	1	454
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	58	1	58	0	58	58	0	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	333	1	218	114	447	275	30	367	1	236	114	481	1	293	0	481	1	293
	Through-Right		1							1				1				1	
	Right	103	0	103	0	103	103	0	104	0	104	0	104	0	104	0	104	0	104
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	305	1	174	0	305	174	37	346	1	195	0	346	1	195	0	346	1	195
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		500	North-South:		501	North-South:			527	North-South:			528	North-South:			528
		East-West:		243	East-West:		300	East-West:			261	East-West:			318	East-West:			318
		SUM:		743	SUM:		801	SUM:			788	SUM:			846	SUM:			846
VOLUME/CAPACITY (V/C) RATIO:				0.495			0.534				0.525				0.564				0.564
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.395			0.434				0.425				0.464				0.464
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.039 Δv/c after mitigation: 0.039

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	157	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	45	1	45	0	45	45	0	46	1	46	0	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	994	1	**557**	120	1114	**619**	153	1159	1	**640**	120	1279	1	**702**	0	1279	1	**702**
	Through-Right		1							1				1				1	
	Right	119	0	119	4	123	123	0	120	0	120	4	124	0	124	0	124	0	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	64	1	**64**	8	72	**72**	0	65	1	**65**	8	73	1	**73**	0	73	1	**73**
	Left-Through		0							0				0				0	
	Through	965	1	522	11	976	528	194	1171	1	626	11	1182	1	631	0	1182	1	631
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	0	80	0	80	0	80	0	80	0	80	0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	75	1	**75**	0	75	75	0	76	1	**76**	0	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	332	1	187	117	449	**245**	30	366	1	204	117	483	1	**262**	0	483	1	**262**
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	57	1	57	0	57	**57**	0	58	1	58	0	58	1	**58**	0	58	1	**58**
	Left-Through		0							0				0				0	
	Through	298	1	**182**	0	298	182	37	339	1	**203**	0	339	1	203	0	339	1	203
	Through-Right		1							1				1				1	
	Right	65	0	65	0	65	65	0	66	0	66	0	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		621	North-South:		691	North-South:			705	North-South:			775	North-South:			775
		East-West:		257	East-West:		302	East-West:			279	East-West:			320	East-West:			320
		SUM:		878	SUM:		993	SUM:			984	SUM:			1095	SUM:			1095
VOLUME/CAPACITY (V/C) RATIO:				0.585			0.662				0.656				0.730				0.730
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.485**			**0.562**				**0.556**				**0.630**				**0.630**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**B**				**B**

PROJECT IMPACT

Change in v/c due to project: 0.074 | Δv/c after mitigation: 0.074

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	158	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	51	1	**51**	0	51	**51**	0	52	1	**52**	0	52	1	**52**	0	52	1	**52**
	Left-Through		0							0				0				0	
	Through	915	2	323	306	1221	441	183	1109	2	388	306	1415	2	506	0	1415	2	506
	Through-Right		1							1				1				1	
	Right	53	0	53	49	102	102	1	55	0	55	49	104	0	104	0	104	0	104
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	51	1	51	2	53	53	0	52	1	52	2	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	900	2	**450**	-3	897	**449**	151	1062	2	**531**	-3	1059	2	**530**	0	1059	2	**530**
	Through-Right		0							0				0				0	
	Right	108	1	39	0	108	22	0	109	1	39	0	109	1	22	0	109	1	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	138	1	138	34	172	172	0	140	1	140	34	174	1	174	0	174	1	174
	Left-Through		0							0				0				0	
	Through	235	1	**175**	95	330	**222**	30	268	1	**192**	95	363	1	**239**	0	363	1	**239**
	Through-Right		1							1				1				1	
	Right	114	0	114	0	114	114	0	115	0	115	0	115	0	115	0	115	0	115
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	99	1	**99**	0	99	**99**	22	122	1	**122**	0	122	1	**122**	0	122	1	**122**
	Left-Through		0							0				0				0	
	Through	196	1	129	0	196	129	37	235	1	149	0	235	1	149	0	235	1	149
	Through-Right		1							1				1				1	
	Right	61	0	61	0	61	61	0	62	0	62	0	62	0	62	0	62	0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		501	North-South:		500	North-South:			583	North-South:			582	North-South:			582
		East-West:		274	East-West:		321	East-West:			314	East-West:			361	East-West:			361
		SUM:		775	SUM:		821	SUM:			897	SUM:			943	SUM:			943
VOLUME/CAPACITY (V/C) RATIO:				0.544			0.576				0.629				0.662				0.662
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.444**			**0.476**				**0.529**				**0.562**				**0.562**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.033 | Δv/c after mitigation: 0.033

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	159	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	75	1	75	0	75	75	0	76	1	76	0	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	1028	1	**558**	17	1045	**569**	112	1152	1	**621**	17	1169	1	**632**	0	1169	1	**632**
	Through-Right		1							1				1				1	
	Right	88	0	88	5	93	93	0	89	0	89	5	94	0	94	0	94	0	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	63	1	**63**	11	74	**74**	0	64	1	**64**	11	75	1	**75**	0	75	1	**75**
	Left-Through		0							0				0				0	
	Through	948	1	496	0	948	496	96	1055	1	550	0	1055	1	550	0	1055	1	550
	Through-Right		1							1				1				1	
	Right	44	0	44	0	44	44	0	45	0	45	0	45	0	45	0	45	0	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	73	1	73	0	73	73	0	74	1	74	0	74	1	74	0	74	1	74
	Left-Through		0							0				0				0	
	Through	336	2	**144**	126	462	**186**	75	415	2	**171**	126	541	2	**213**	0	541	2	**213**
	Through-Right		1							1				1				1	
	Right	96	0	96	0	96	96	0	97	0	97	0	97	0	97	0	97	0	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	100	1	**100**	0	100	**100**	0	101	1	**101**	0	101	1	**101**	0	101	1	**101**
	Left-Through		0							0				0				0	
	Through	299	2	129	1	300	130	80	383	2	158	1	384	2	158	0	384	2	158
	Through-Right		1							1				1				1	
	Right	89	0	89	0	89	89	0	90	0	90	0	90	0	90	0	90	0	90
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		621	North-South:		643	North-South:			685	North-South:			707	North-South:			707
		East-West:		244	East-West:		286	East-West:			272	East-West:			314	East-West:			314
		SUM:		865	SUM:		929	SUM:			957	SUM:			1021	SUM:			1021
VOLUME/CAPACITY (V/C) RATIO:				0.629			0.676				0.696				0.743				0.743
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.529**			**0.576**				**0.596**				**0.643**				**0.643**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**B**				**B**

PROJECT IMPACT

Change in v/c due to project: 0.047 | Δv/c after mitigation: 0.047

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	160	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	125	1	**125**	0	125	**125**	0	127	1	**127**	0	127	1	**127**	0	127	1	**127**
	Left-Through		0							0				0				0	
	Through	779	1	455	4	783	457	61	849	1	491	4	853	1	493	0	853	1	493
	Through-Right		1							1				1				1	
	Right	130	0	130	1	131	131	0	132	0	132	1	133	0	133	0	133	0	133
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	65	1	65	3	68	68	0	66	1	66	3	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	801	1	**430**	0	801	**430**	42	853	1	**457**	0	853	1	**457**	0	853	1	**457**
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	324	2	**150**	143	467	**198**	75	403	2	**177**	143	546	2	**225**	0	546	2	**225**
	Through-Right		1							1				1				1	
	Right	126	0	126	0	126	126	0	128	0	128	0	128	0	128	0	128	0	128
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	81	1	**81**	0	81	**81**	0	82	1	**82**	0	82	1	**82**	0	82	1	**82**
	Left-Through		0							0				0				0	
	Through	252	2	103	1	253	103	80	335	2	131	1	336	2	131	0	336	2	131
	Through-Right		1							1				1				1	
	Right	57	0	57	0	57	57	0	58	0	58	0	58	0	58	0	58	0	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		555	North-South:		555	North-South:			584	North-South:			584	North-South:			584
		East-West:		231	East-West:		279	East-West:			259	East-West:			307	East-West:			307
		SUM:		786	SUM:		834	SUM:			843	SUM:			891	SUM:			891
VOLUME/CAPACITY (V/C) RATIO:				0.572			0.607				0.613				0.648				0.648
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.472**			**0.507**				**0.513**				**0.548**				**0.548**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.035 | Δv/c after mitigation: 0.035

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	161	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4				4				4				4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0		
	EB--	0	WB-- 2	EB--	0	WB-- 2	EB--	0	WB-- 2	EB--	0	WB-- 2	EB--	0	WB-- 2	EB--	0	WB-- 2	EB--	0	WB-- 2		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	68	1	68	0	68	68	0	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	948	2	474	124	1072	536	153	1112	2	556	124	1236	2	618	0	1236	2	618
	Through-Right		0							0				0				0	
	Right	108	1	5	5	113	10	0	109	1	5	5	114	1	10	0	114	1	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	56	1	56	11	67	67	0	57	1	57	11	68	1	68	0	68	1	68
	Left-Through		0							0				0				0	
	Through	963	2	482	0	963	482	194	1169	2	585	0	1169	2	585	0	1169	2	585
	Through-Right		0							0				0				0	
	Right	48	1	0	0	48	0	0	49	1	1	0	49	1	1	0	49	1	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	96	1	96	0	96	96	0	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	327	2	164	147	474	237	75	406	2	203	147	553	2	277	0	553	2	277
	Through-Right		0							0				0				0	
	Right	40	1	6	0	40	6	0	40	1	6	0	40	1	6	0	40	1	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	103	1	103	0	103	103	0	104	1	104	0	104	1	104	0	104	1	104
	Left-Through		0							0				0				0	
	Through	377	2	154	1	378	154	80	462	2	183	1	463	2	183	0	463	2	183
	Through-Right		1							1				1				1	
	Right	85	0	85	0	85	85	0	86	0	86	0	86	0	86	0	86	0	86
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		550	North-South:		603	North-South:			654	North-South:			686	North-South:			686
		East-West:		267	East-West:		340	East-West:			307	East-West:			381	East-West:			321
		SUM:		817	SUM:		943	SUM:			961	SUM:			1067	SUM:			1067
VOLUME/CAPACITY (V/C) RATIO:				0.594			0.686				0.699				0.776				0.776
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.494			0.586				0.599				0.676				0.676
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.077 | Δv/c after mitigation: 0.077

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	162	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3				3				3				3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	64	1	64	0	64	64	0	65	1	65	0	65	1	65	0	65	1	65
	Left-Through		0							0				0				0	
	Through	806	2	403	321	1127	564	171	987	2	494	321	1308	2	654	0	1308	2	654
	Through-Right		0							0				0				0	
	Right	44	1	18	4	48	22	0	45	1	19	4	49	1	23	0	49	1	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	148	1	148	2	150	150	12	162	1	162	2	164	1	164	0	164	1	164
	Left-Through		0							0				0				0	
	Through	794	2	397	-5	789	395	161	965	2	483	-5	960	2	480	0	960	2	480
	Through-Right		0							0				0				0	
	Right	153	1	99	0	153	82	0	155	1	101	0	155	1	84	0	155	1	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	108	1	108	34	142	142	0	109	1	109	34	143	1	143	0	143	1	143
	Left-Through		0							0				0				0	
	Through	345	2	133	129	474	176	75	424	2	159	129	553	2	202	0	553	2	202
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	0	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	52	1	52	0	52	52	0	53	1	53	0	53	1	53	0	53	1	53
	Left-Through		0							0				0				0	
	Through	347	2	144	1	348	145	80	431	2	177	1	432	2	178	0	432	2	178
	Through-Right		1							1				1				1	
	Right	86	0	86	0	86	86	14	101	0	101	0	101	0	101	0	101	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		551	North-South:		714	North-South:			656	North-South:			818	North-South:			818
		East-West:		252	East-West:		287	East-West:			286	East-West:			321	East-West:			321
		SUM:		803	SUM:		1001	SUM:			942	SUM:			1139	SUM:			1139
VOLUME/CAPACITY (V/C) RATIO:				0.564			0.702				0.661				0.799				0.799
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.464			0.602				0.561				0.699				0.699
LEVEL OF SERVICE (LOS):				A			B				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.138 | Δv/c after mitigation: 0.138

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	163	North-South Street:	I-10 WB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	20th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	2	SB-- 0	NB--	2	SB-- 0	NB--	2	SB-- 0	NB--	2	SB-- 0	NB--	2	SB-- 0	NB--	2	SB-- 0	NB--	2	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	281	1	281	0	281	281	54	338	1	338	0	338	1	338	0	338	1	338
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	42	0	64	0	42	64	0	43	0	65	0	43	0	65	0	43	0	65
	Through-Right		1							1				1				1	
	Right	22	0	0	0	22	0	0	22	0	0	0	22	0	0	0	22	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	492	1	492	-5	487	487	95	593	1	593	-5	588	1	588	0	588	1	588
	Left-Through		0							0				0				0	
	Through	40	1	40	0	40	40	0	40	1	40	0	40	1	40	0	40	1	40
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		281	North-South:		281	North-South:			338	North-South:			338	North-South:			338
		East-West:		556	East-West:		551	East-West:			658	East-West:			653	East-West:			653
		SUM:		837	SUM:		832	SUM:			996	SUM:			991	SUM:			991
VOLUME/CAPACITY (V/C) RATIO:				0.558			0.555				0.664				0.661				0.661
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.458			0.455				0.564				0.561				0.561
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: -0.003 | Δv/c after mitigation: -0.003

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	164	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	I-10 EB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3				3				3				3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	882	2	441	23	905	453	112	1005	2	503	23	1028	2	514	0	1028	2	514
	Through-Right		0							0				0				0	
	Right	210	1	210	0	210	210	0	213	1	213	0	213	1	213	0	213	1	213
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	441	2	243	0	441	243	51	497	2	273	0	497	2	273	0	497	2	273
	Left-Through		0							0				0				0	
	Through	702	2	351	0	702	351	73	783	2	392	0	783	2	392	0	783	2	392
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	275	1	275	107	382	382	63	341	1	341	107	448	1	448	0	448	1	448
	Left-Through		0							0				0				0	
	Through	0	1	246	0	0	246	0	0	1	307	0	0	1	307	0	0	1	307
	Through-Right		1							1				1				1	
	Right	246	0	0	0	246	0	58	307	0	0	0	307	0	0	0	307	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		684	North-South:		696	North-South:			776	North-South:			787	North-South:			787
		East-West:		275	East-West:		382	East-West:			341	East-West:			448	East-West:			448
		SUM:		959	SUM:		1078	SUM:			1117	SUM:			1235	SUM:			1235
VOLUME/CAPACITY (V/C) RATIO:				0.673			0.756				0.784				0.867				0.867
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.573			0.656				0.684				0.767				0.767
LEVEL OF SERVICE (LOS):				A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.083 | Δv/c after mitigation: 0.083

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	165	North-South Street:	I-10 EB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Hoover	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	619	2	299	19	638	305	90	716	2	332	19	735	2	339	0	735	2	339
	Through-Right		1							0				1				0	
	Right	278	0	278	0	278	278	0	281	0	281	0	281	0	281	0	281	0	281
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	258	1	258	0	258	258	1	262	1	262	0	262	1	262	0	262	1	262
	Left-Through		0							0				0				0	
	Through	633	3	211	0	633	211	90	731	3	244	0	731	3	244	0	731	3	244
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	433	1	328	307	740	481	51	489	1	366	307	796	1	520	0	796	1	520
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	222	0	328	0	222	481	18	243	0	366	0	243	0	520	0	243	0	520
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		557	North-South:		563	North-South:			594	North-South:			601	North-South:			601
		East-West:		328	East-West:		481	East-West:			366	East-West:			520	East-West:			520
		SUM:		885	SUM:		1044	SUM:			960	SUM:			1121	SUM:			1121
VOLUME/CAPACITY (V/C) RATIO:				0.621			0.733				0.674				0.787				0.787
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.521			0.633				0.574				0.687				0.687
LEVEL OF SERVICE (LOS):				A			B				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.113 Δv/c after mitigation: 0.113

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	166	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through		1							1				1				1	
	Through	92	0	71	686	778	414	82	175	0	128	686	861	0	471	0	861	0	471
	Through-Right		1							1				1				1	
	Right	17	0	71	0	17	414	0	17	0	128	0	17	0	471	0	17	0	471
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	10	0	10	0	10	10	6	16	0	16	0	16	0	16	0	16	0	16
	Left-Through		1							1				1				1	
	Through	130	0	77	0	130	92	180	312	0	174	0	312	0	198	0	312	0	198
	Through-Right		1							1				1				1	
	Right	13	0	77	0	13	92	6	19	0	174	0	19	0	198	0	19	0	198
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	6	0	6	53	59	59	0	6	0	6	53	59	0	59	0	59	0	59
	Left-Through		1							1				1				1	
	Through	175	0	98	3	178	171	3	180	0	101	3	183	0	228	0	183	0	228
	Through-Right		1							1				1				1	
	Right	15	0	98	30	45	171	0	15	0	101	30	45	0	0	0	45	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	13	0	13	0	13	13	0	13	0	13	0	13	0	13	0	13	0	13
	Left-Through		1							1				1				1	
	Through	182	0	101	242	424	303	13	197	0	110	242	439	0	312	0	439	0	312
	Through-Right		1							1				1				1	
	Right	7	0	101	161	168	303	3	10	0	110	161	171	0	312	0	171	0	312
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		109	North-South:		424	North-South:			206	North-South:			487	North-South:			487
		East-West:		111	East-West:		362	East-West:			116	East-West:			371	East-West:			371
		SUM:		220	SUM:		786	SUM:			322	SUM:			858	SUM:			858
VOLUME/CAPACITY (V/C) RATIO:				0.147			0.524				0.215				0.572				0.572
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.073			0.424				0.115				0.472				0.472
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.357 Δv/c after mitigation: 0.357

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	167	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	33	1	33	45	78	78	8	41	1	41	45	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	250	1	130	121	371	191	65	318	1	164	121	439	1	225	0	439	1	225
	Through-Right		1							1				1				1	
	Right	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	1	9	0	9	9	0	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	213	1	112	-1	212	111	122	338	1	175	-1	337	1	174	0	337	1	174
	Through-Right		1							1				1				1	
	Right	10	0	10	0	10	10	1	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through		1							1				1				1	
	Through	152	0	109	2	154	120	7	161	1	115	2	163	0	126	0	163	1	126
	Through-Right		1							1				1				1	
	Right	46	0	109	1	47	120	2	49	0	115	1	50	0	126	0	50	0	126
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	6	0	6	20	26	26	0	6	0	6	20	26	0	26	0	26	0	26
	Left-Through		1							1				1				1	
	Through	155	0	88	359	514	277	6	163	0	92	359	522	0	281	0	522	0	281
	Through-Right		1							1				1				1	
	Right	14	0	88	0	14	277	0	14	0	92	0	14	0	281	0	14	0	281
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		145	North-South:		200	North-South:			216	North-South:			260	North-South:			260
		East-West:		115	East-West:		296	East-West:			121	East-West:			300	East-West:			300
		SUM:		260	SUM:		496	SUM:			337	SUM:			560	SUM:			560
VOLUME/CAPACITY (V/C) RATIO:				0.173			0.331				0.225				0.373				0.373
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.087			0.231				0.125				0.273				0.273
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.148 Δv/c after mitigation: 0.148

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	168	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	26	1	26	0	26	26	0	26	1	26	0	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	221	1	115	0	221	115	112	336	1	172	0	336	1	172	0	336	1	172
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	206	1	115	0	206	121	119	327	0	353	0	327	0	365	0	327	0	365
	Through-Right		1							1				1				1	
	Right	24	0	24	12	36	36	2	26	0	0	12	38	0	0	0	38	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	24	0	24	1	25	25	0	24	0	24	1	25	0	25	0	25	0	25
	Left-Through		1							1				1				1	
	Through	104	1	80	0	104	93	7	112	0	84	0	112	0	97	0	112	0	97
	Through-Right		1							1				1				1	
	Right	32	0	80	0	32	93	0	32	0	84	0	32	0	97	0	32	0	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	5	0	5	1	6	6	0	5	0	5	1	6	0	6	0	6	0	6
	Left-Through		1							1				1				1	
	Through	132	0	76	367	499	260	4	138	0	79	367	505	0	263	0	505	0	263
	Through-Right		1							1				1				1	
	Right	14	0	76	0	14	260	0	14	0	79	0	14	0	263	0	14	0	263
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		141	North-South:		147	North-South:			379	North-South:			391	North-South:			391
		East-West:		100	East-West:		285	East-West:			103	East-West:			288	East-West:			288
		SUM:		241	SUM:		432	SUM:			482	SUM:			679	SUM:			679
VOLUME/CAPACITY (V/C) RATIO:				0.161			0.288				0.321				0.453				0.453
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.080			0.188				0.221				0.353				0.353
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.132 Δv/c after mitigation: 0.132

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	169	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	219	0	120	0	219	120	17	239	0	130	0	239	0	130	0	239	0	130
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	9	0	120	0	9	120	0	9	0	130	0	9	0	130	0	9	0	130
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	219	0	124	0	219	124	28	250	0	139	0	250	0	139	0	250	0	139
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	19	0	124	0	19	124	0	19	0	139	0	19	0	139	0	19	0	139
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	71	0	59	0	71	71	0	72	0	60	0	72	0	72	0	72	0	72
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	23	0	59	0	23	71	0	23	0	60	0	23	0	72	0	23	0	72
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	18	0	18	199	217	217	0	18	0	18	199	217	0	217	0	217	0	217
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	122	0	87	368	490	370	4	127	0	89	368	495	0	373	0	495	0	373
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	33	0	87	0	33	370	0	33	0	89	0	33	0	373	0	33	0	373
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		136	North-South:		136	North-South:			151	North-South:			151	North-South:			151
	East-West:		111	East-West:		394	East-West:			113	East-West:			397	East-West:			397
	SUM:		247	SUM:		530	SUM:			264	SUM:			548	SUM:			548
VOLUME/CAPACITY (V/C) RATIO:			0.165			0.353				0.176				0.365				0.365
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.082			0.253				0.088				0.265				0.265
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.177 | Δv/c after mitigation: 0.177
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	170	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	68	1	68	0	68	68	0	69	1	69	0	69	1	69	0	69	1	69
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	216	2	108	0	216	108	0	219	2	110	0	219	2	110	0	219	2	110
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	395	1	261	0	395	261	0	400	1	264	0	400	1	264	0	400	1	264
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	126	0	126	0	126	126	0	128	0	128	0	128	1	128	0	128	0	128
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	54	1	20	0	54	20	0	55	1	21	0	55	1	21	0	55	1	21
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	185	1	185	0	185	185	0	187	1	187	0	187	1	187	0	187	1	187
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	145	1	145	567	712	495	4	151	1	151	567	718	1	499	0	718	1	499
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	273	0	273	4	277	277	0	276	0	276	4	280	0	280	0	280	0	280
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		329	North-South:		329	North-South:			333	North-South:			333	North-South:			333
	East-West:		310	East-West:		532	East-West:			313	East-West:			536	East-West:			536
	SUM:		639	SUM:		861	SUM:			646	SUM:			869	SUM:			869
VOLUME/CAPACITY (V/C) RATIO:			0.426			0.574				0.431				0.579				0.579
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.326			0.474				0.331				0.479				0.479
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.148 | Δv/c after mitigation: 0.148
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	171	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	158	1	158	5	163	163	0	160	1	160	5	165	1	165	0	165	1	165
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	292	2	146	78	370	185	30	326	2	163	78	404	2	202	0	404	2	202
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	412	1	283	-1	411	291	47	464	1	310	-1	463	1	318	0	463	1	318
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	153	0	153	18	171	171	0	155	0	155	18	173	0	173	0	173	0	173
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	199	0	199	0	199	199	0	201	0	201	0	201	0	201	0	201	0	201
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	162	2	81	183	345	173	4	168	2	84	183	351	2	176	0	351	2	176
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	176	1	176	0	176	176	0	178	1	178	0	178	1	178	0	178	1	178
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		441	North-South:		454	North-South:			470	North-South:			483	North-South:			483
	East-West:		199	East-West:		199	East-West:			201	East-West:			201	East-West:			201
	SUM:		640	SUM:		653	SUM:			671	SUM:			684	SUM:			684
VOLUME/CAPACITY (V/C) RATIO:			0.449			0.458				0.471				0.480				0.480
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.349			0.358				0.371				0.380				0.380
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.009 | Δv/c after mitigation: 0.009
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	172	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	67	1	67	31	98	98	0	68	1	68	31	99	1	99	0	99	1	99
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	553	1	291	70	623	326	102	662	1	346	70	732	1	381	0	732	1	381
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	32	1	32	0	32	32	28	60	1	60	0	60	1	60	0	60	1	60
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	341	1	199	-2	339	199	87	432	1	246	-2	430	1	246	0	430	1	246
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	57	0	57	1	58	58	2	60	0	60	1	61	0	61	0	61	0	61
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	94	1	94	0	94	94	4	99	1	99	0	99	1	99	0	99	1	99
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	262	1	172	1	263	174	60	325	1	204	1	326	1	206	0	326	1	206
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	82	0	82	2	84	84	0	83	0	83	2	85	0	85	0	85	0	85
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	56
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	286	1	165	46	332	195	60	349	1	205	46	395	1	235	0	395	1	235
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	44	0	44	13	57	57	16	61	0	61	13	74	0	74	0	74	0	74
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		323	North-South:		358	North-South:			406	North-South:			441	North-South:			441
	East-West:		259	East-West:		289	East-West:			304	East-West:			334	East-West:			334
	SUM:		582	SUM:		647	SUM:			710	SUM:			775	SUM:			775
VOLUME/CAPACITY (V/C) RATIO:			0.423			0.471				0.516				0.564				0.564
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.323			0.371				0.416				0.464				0.464
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.048 | Δv/c after mitigation: 0.048
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	173	North-South Street:	Wilton Place (ext. of Arlington)	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	63	1	63	0	63	63	0	64	1	64	0	64	1	64	0	64	1	64
	Left-Through		0							0				0				0	
	Through	652	1	352	0	652	352	0	660	1	357	0	660	1	357	0	660	1	357
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	30	1	30	0	30	30	0	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	580	1	345	0	580	345	0	587	1	349	0	587	1	349	0	587	1	349
	Through-Right		1							1				1				1	
	Right	109	0	109	0	109	109	0	110	0	110	0	110	0	110	0	110	0	110
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	125	1	125	0	125	125	0	127	1	127	0	127	1	127	0	127	1	127
	Left-Through		0							0				0				0	
	Through	640	2	227	33	673	238	59	707	2	250	33	740	2	261	0	740	2	261
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	100	1	100	0	100	100	0	101	1	101	0	101	1	101	0	101	1	101
	Left-Through		0							0				0				0	
	Through	717	2	256	0	717	256	62	788	2	280	0	788	2	280	0	788	2	280
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		408	North-South:		408	North-South:			413	North-South:			413	North-South:			413
		East-West:		381	East-West:		381	East-West:			407	East-West:			407	East-West:			407
		SUM:		789	SUM:		789	SUM:			820	SUM:			820	SUM:			820
VOLUME/CAPACITY (V/C) RATIO:				0.526			0.526				0.547				0.547				0.547
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.456			0.456				0.447				0.447				0.447
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	174	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	60	1	60	0	60	60	0	61	1	61	0	61	1	61	0	61	1	61
	Left-Through		0							0				0				0	
	Through	514	2	257	0	514	257	0	520	2	260	0	520	2	260	0	520	2	260
	Through-Right		1							1				1				1	
	Right	68	1	46	0	68	46	0	69	1	46	0	69	1	46	0	69	1	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	81	1	81	0	81	81	0	82	1	82	0	82	1	82	0	82	1	82
	Left-Through		0							0				0				0	
	Through	516	2	258	0	516	258	0	522	2	261	0	522	2	261	0	522	2	261
	Through-Right		0							0				0				0	
	Right	105	1	55	0	105	55	0	106	1	56	0	106	1	56	0	106	1	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	100	1	100	0	100	100	0	101	1	101	0	101	1	101	0	101	1	101
	Left-Through		0							0				0				0	
	Through	780	3	260	156	936	312	141	930	3	310	156	1086	3	362	0	1086	3	362
	Through-Right		0							0				0				0	
	Right	69	1	39	0	69	39	0	70	1	40	0	70	1	40	0	70	1	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	45	1	45	0	45	45	0	46	1	46	0	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	597	3	199	0	597	199	144	748	3	249	0	748	3	249	0	748	3	249
	Through-Right		0							0				0				0	
	Right	51	1	11	0	51	11	0	52	1	11	0	52	1	11	0	52	1	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		338	North-South:		338	North-South:			342	North-South:			342	North-South:			342
		East-West:		305	East-West:		357	East-West:			356	East-West:			408	East-West:			408
		SUM:		643	SUM:		695	SUM:			698	SUM:			750	SUM:			750
VOLUME/CAPACITY (V/C) RATIO:				0.429			0.463				0.465				0.500				0.500
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.329			0.363				0.365				0.400				0.400
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.035 | Δv/c after mitigation: 0.035
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	175	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	94	1	94	0	94	94	0	95	1	95	0	95	1	95	0	95	1	95
	Left-Through		0							0				0				0	
	Through	568	2	284	0	568	284	0	575	2	288	0	575	2	288	0	575	2	288
	Through-Right		0							0				0				0	
	Right	55	1	26	0	55	26	0	56	1	27	0	56	1	27	0	56	1	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	61	1	61	0	61	61	0	62	1	62	0	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	502	2	251	0	502	251	0	508	2	254	0	508	2	254	0	508	2	254
	Through-Right		0							0				0				0	
	Right	76	1	37	0	76	37	0	77	1	37	0	77	1	37	0	77	1	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	79	1	79	0	79	79	0	80	1	80	0	80	1	80	0	80	1	80
	Left-Through		0							0				0				0	
	Through	473	1	282	33	506	299	82	561	1	327	33	594	1	343	0	594	1	343
	Through-Right		1							1				1				1	
	Right	91	0	91	0	91	91	0	92	0	92	0	92	0	92	0	92	0	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	58	1	58	0	58	58	0	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	409	1	235	0	409	235	92	506	1	284	0	506	1	284	0	506	1	284
	Through-Right		1							1				1				1	
	Right	60	0	60	0	60	60	0	61	0	61	0	61	0	61	0	61	0	61
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		345	North-South:		345	North-South:			350	North-South:			350	North-South:			350
		East-West:		340	East-West:		357	East-West:			386	East-West:			402	East-West:			402
		SUM:		685	SUM:		702	SUM:			736	SUM:			752	SUM:			752
VOLUME/CAPACITY (V/C) RATIO:				0.457			0.468				0.491				0.501				0.501
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.357			0.368				0.391				0.401				0.401
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.010 | Δv/c after mitigation: 0.010
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	176	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 2 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through		1							1				1				1	
	Through	642	0	442	0	642	442	0	650	0	448	0	650	0	448	0	650	0	448
	Through-Right		1							1				1				1	
	Right	45	0	442	0	45	442	0	46	0	448	0	46	0	448	0	46	0	448
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through		1							1				1				1	
	Through	598	0	381	0	598	381	0	605	0	385	0	605	0	385	0	605	0	385
	Through-Right		1							1				1				1	
	Right	48	0	381	0	48	381	0	49	0	385	0	49	0	385	0	49	0	385
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	35	1	35	0	35	35	0	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	378	2	189	102	480	240	30	413	2	207	102	515	2	258	0	515	2	258
	Through-Right		0							0				0				0	
	Right	73	1	73	0	73	73	0	74	1	74	0	74	1	74	0	74	1	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	386	1	210	0	386	210	37	428	1	231	0	428	1	231	0	428	1	231
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		471	North-South:		471	North-South:			477	North-South:			477	North-South:			477
		East-West:		399	East-West:		450	East-West:			438	East-West:			489	East-West:			489
		SUM:		870	SUM:		921	SUM:			915	SUM:			966	SUM:			966
VOLUME/CAPACITY (V/C) RATIO:				0.580			0.614				0.610				0.644				0.644
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.480			0.514				0.510				0.544				0.544
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.034 | Δv/c after mitigation: 0.034
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/1/2011
177	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
	No. of Phases		2	2			2			2	2			2	2			2	2
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0			0			0	0			0	0			0	0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB-- EB-- 0 WB--	0	0	NB-- 0 SB-- EB-- 0 WB--		0	NB-- 0 SB-- EB-- 0 WB--		0	0	NB-- 0 SB-- EB-- 0 WB--		0	0	NB-- 0 SB-- EB-- 0 WB--		0	0
	ATSAC-1 or ATSAC+ATCS-2?		2	2			2			2	2			2	2			2	2
	Override Capacity		0	0			0			0	0			0	0			0	0
NORTHBOUND	Left	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through		1							1				1				1	
	Through	621	0	**463**	0	621	**463**	0	628	0	**469**	0	628	0	**469**	0	628	0	**469**
	Through-Right		1							1				1				1	
	Right	109	0	463	0	109	463	0	110	0	469	0	110	0	469	0	110	0	469
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	16	0	**16**	0	16	**16**	0	16	0	**16**	0	16	0	**16**	0	16	0	**16**
	Left-Through		1							1				1				1	
	Through	707	0	403	0	707	403	0	716	0	408	0	716	0	408	0	716	0	408
	Through-Right		1							1				1				1	
	Right	35	0	403	0	35	403	0	35	0	408	0	35	0	408	0	35	0	408
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	346	1	**208**	126	472	**271**	75	425	1	**248**	126	551	1	**311**	0	551	1	**311**
	Through-Right		1							1				1				1	
	Right	70	0	70	0	70	70	0	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	110	1	**110**	0	110	**110**	0	111	1	**111**	0	111	1	**111**	0	111	1	**111**
	Left-Through		0							0				0				0	
	Through	378	2	144	1	379	144	80	463	2	173	1	464	2	173	0	464	2	173
	Through-Right		1							1				1				1	
	Right	54	0	54	0	54	54	0	55	0	55	0	55	0	55	0	55	0	55
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		479	*North-South:*		479	*North-South:*			485	*North-South:*			485	*North-South:*			485
		East-West:		318	*East-West:*		381	*East-West:*			359	*East-West:*			422	*East-West:*			422
		SUM:		797	*SUM:*		860	*SUM:*			844	*SUM:*			907	*SUM:*			907
	VOLUME/CAPACITY *(V/C)* RATIO:			0.531			0.573				0.563				0.605				0.605
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.431			0.473				0.463				0.505				0.505
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project:	0.042	*Δv/c* after mitigation:	0.042
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	1	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	14	0	**14**	132	146	146	82	96	0	**96**	132	228	0	**228**	0	228	0	**228**
	Left-Through		1							1				1				1	
	Through	40	1	27	248	288	**217**	38	78	1	78	248	326	1	277	0	326	1	277
	Through-Right		0							0				0				0	
	Right	44	1	5	89	133	94	22	67	1	8	89	156	1	97	0	156	1	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	18	0	18	1	19	**19**	0	18	0	18	1	19	0	19	0	19	0	19
	Left-Through		0							0				0				0	
	Through	2	0	**36**	0	2	37	0	2	0	**69**	0	2	0	**70**	0	2	0	**70**
	Through-Right		0							0				0				0	
	Right	16	0	0	0	16	0	33	49	0	0	0	49	0	0	0	49	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	123	1	**123**	65	188	**188**	49	173	1	**173**	65	238	1	**238**	0	238	1	**238**
	Left-Through		0							0				0				0	
	Through	486	3	162	105	591	197	192	684	3	228	105	789	3	263	0	789	3	263
	Through-Right		0							0				0				0	
	Right	18	1	18	0	18	18	16	34	1	0	0	34	1	34	0	34	1	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	39	1	39	0	39	39	20	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	622	2	**242**	369	991	**365**	147	777	2	**312**	369	1146	2	**435**	326	1472	2	**544**
	Through-Right		1							1				1				1	
	Right	105	0	105	0	105	105	54	160	0	160	0	160	0	160	0	160	0	160
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		50	*North-South:*		236	*North-South:*			165	*North-South:*			298	*North-South:*			298
		East-West:		365	*East-West:*		553	*East-West:*			485	*East-West:*			673	*East-West:*			782
		SUM:		415	*SUM:*		789	*SUM:*			650	*SUM:*			971	*SUM:*			1080
VOLUME/CAPACITY (*V/C*) RATIO:				0.291			0.554				0.456				0.681				0.758
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.191**			**0.454**				**0.356**				**0.581**				**0.658**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**B**

PROJECT IMPACT

Change in *v/c* due to project: **0.225** | *Δv/c* after mitigation: **0.302**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	2	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
	Left-Through		1							1				1				1	
	Through	6	0	**16**	0	6	**16**	0	6	0	**16**	0	6	0	**16**	0	6	0	**16**
	Through-Right		0							0				0				0	
	Right	17	1	0	0	17	0	0	17	1	0	0	17	1	0	0	17	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	15	1	15	43	58	58	44	59	1	**59**	43	102	1	**102**	0	102	1	**102**
	Left-Through		0							0				0				0	
	Through	7	0	**35**	0	7	**81**	0	7	0	35	0	7	0	81	0	7	0	81
	Through-Right		1							1				1				1	
	Right	28	0	0	46	74	0	0	28	0	0	46	74	0	0	0	74	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	15	1	**15**	0	15	**15**	0	15	1	**15**	0	15	1	15	0	15	1	15
	Left-Through		0							0				0				0	
	Through	540	2	182	198	738	248	214	761	2	256	198	959	2	**322**	0	959	2	**322**
	Through-Right		1							1				1				1	
	Right	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	35	1	35	0	35	35	0	35	1	35	348	383	1	**383**	0	383	1	**383**
	Left-Through		0							0				0				0	
	Through	729	2	**251**	313	1042	**355**	222	960	2	**338**	323	1283	2	446	326	1609	2	554
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	30	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		51	*North-South:*		97	*North-South:*			75	*North-South:*			118	*North-South:*			118
		East-West:		266	*East-West:*		370	*East-West:*			353	*East-West:*			705	*East-West:*			705
		SUM:		317	*SUM:*		467	*SUM:*			428	*SUM:*			823	*SUM:*			823
VOLUME/CAPACITY (*V/C*) RATIO:				0.231			0.340				0.311				0.599				0.599
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.131**			**0.240**				**0.211**				**0.499**				**0.499**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.288** | *Δv/c* after mitigation: **0.288**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	3	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	188	1	**188**	-3	185	**185**	108	298	1	**298**	-3	295	1	**295**	-295	0	1	0
	Left-Through		0							0				0				0	
	Through	519	4	130	63	582	146	488	1013	4	253	63	1076	4	269	-786	290	4	**73**
	Through-Right		0							0				0				0	
	Right	72	1	35	0	72	59	50	123	1	72	0	123	1	96	-123	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	123	1	**123**	46	169	**169**	19	143	1	**143**	46	189	1	**189**	0	189	1	**189**
	Left-Through		0							0				0				0	
	Through	361	3	120	48	409	136	193	558	3	186	48	606	3	202	293	899	3	300
	Through-Right		0							0				0				0	
	Right	101	1	0	147	248	63	45	147	1	0	147	294	1	0	-294	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	74	1	74	-47	27	27	27	102	1	102	-47	55	1	55	-55	0	1	0
	Left-Through		0							0				0				0	
	Through	577	3	**192**	593	1170	**390**	144	728	3	**243**	674	1402	3	**467**	624	2026	3	**675**
	Through-Right		0							0				0				0	
	Right	139	1	139	63	202	202	89	230	1	230	63	293	1	293	0	293	1	293
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		188	*North-South:*		185	*North-South:*			298	*North-South:*			295	*North-South:*			73
		East-West:		315	*East-West:*		559	*East-West:*			386	*East-West:*			656	*East-West:*			864
		SUM:		503	*SUM:*		744	*SUM:*			684	*SUM:*			951	*SUM:*			937
VOLUME/CAPACITY (*V/C*) RATIO:				0.353			0.522				0.480				0.667				0.658
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.253**			**0.422**				**0.380**				**0.567**				**0.558**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.187** | *Δv/c* after mitigation: **0.178**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	4	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	296	296	1	296
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	66	0	66	0	66	66	11	78	0	78	0	78	0	78	0	78	0	78
	Left-Through		1							1				1				1	
	Through	286	3	88	-17	269	84	466	755	3	208	-17	738	3	204	-610	128	3	43
	Through-Right		0							0				0				0	
	Right	234	1	**234**	337	571	**571**	23	260	1	**260**	360	620	1	**620**	206	826	1	**826**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	361	2	181	20	381	191	222	587	2	294	20	607	2	304	201	808	2	404
	Through-Right		0							0				0				0	
	Right	83	1	83	28	111	111	21	105	1	105	28	133	1	133	-31	102	1	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	25	1	25	0	25	25	15	40	1	40	0	40	1	40	-40	0	1	0
	Left-Through		0							0				0				0	
	Through	557	2	**279**	271	828	**414**	236	800	2	**400**	329	1129	2	**565**	363	1492	2	**746**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		234	*North-South:*		571	*North-South:*			260	*North-South:*			620	*North-South:*			826
		East-West:		279	*East-West:*		414	*East-West:*			400	*East-West:*			565	*East-West:*			746
		SUM:		513	*SUM:*		985	*SUM:*			660	*SUM:*			1185	*SUM:*			1572
VOLUME/CAPACITY (*V/C*) RATIO:				0.342			0.657				0.440				0.790				1.048
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.242**			**0.557**				**0.340**				**0.690**				**0.948**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**B**				**E**

PROJECT IMPACT

Change in *v/c* due to project: **0.350** | *Δv/c* after mitigation: **0.608**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
5	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	23	1	23	0	23	23	119	142	1	142	0	142	1	142	0	142	1	142
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	250	4	63	30	280	70	329	582	4	146	30	612	4	153	404	1016	4	**254**
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	97	1	**97**	34	131	**131**	88	186	1	**186**	34	220	1	**220**	0	220	1	220
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	**0**	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	267	1	164	24	291	176	191	461	1	**279**	24	485	1	291	-123	362	1	362
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	61	0	61	0	61	61	35	97	0	97	0	97	0	97	620	717	0	**717**
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	34	1	34	26	60	60	6	40	1	**40**	26	66	1	66	0	66	1	**66**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	475	2	**238**	123	598	**299**	156	637	2	319	134	771	2	**386**	363	1134	2	567
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		97	North-South:		131	North-South:			186	North-South:			220	North-South:			254
	East-West:		238	East-West:		299	East-West:			319	East-West:			386	East-West:			783
	SUM:		335	SUM:		430	SUM:			505	SUM:			606	SUM:			1037
VOLUME/CAPACITY (v/c) RATIO:			0.223			0.287				0.337				0.404				0.691
v/c LESS ATSAC/ATCS ADJUSTMENT:			0.123			0.187				0.237				0.304				0.591
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.067 | Δv/c after mitigation: 0.354
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
6	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	38	0	38	149	187	**187**	28	66	0	66	160	226	0	226	363	589	0	**589**
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	179	2	**56**	122	301	138	271	452	2	**134**	185	637	2	**235**	701	1338	2	531
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	5	0	56	58	63	138	12	17	0	134	58	75	0	235	123	198	0	531
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	**0**
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	55	1	**55**	0	55	**55**	98	154	1	**154**	0	154	1	**154**	0	154	1	**154**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	227	2	114	24	251	126	211	441	2	221	24	465	2	233	-123	342	2	171
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	470	1	**246**	0	470	**246**	134	610	1	**339**	0	610	1	**339**	0	610	1	**339**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	22	0	22	0	22	22	46	68	0	68	0	68	0	68	0	68	0	68
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		56	North-South:		187	North-South:			134	North-South:			235	North-South:			589
	East-West:		301	East-West:		301	East-West:			493	East-West:			493	East-West:			493
	SUM:		357	SUM:		488	SUM:			627	SUM:			728	SUM:			1082
VOLUME/CAPACITY (v/c) RATIO:			0.238			0.325				0.418				0.485				0.721
v/c LESS ATSAC/ATCS ADJUSTMENT:			0.138			0.225				0.318				0.385				0.621
LEVEL OF SERVICE (LOS):			A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.067 | Δv/c after mitigation: 0.303
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
7	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	6	1	**6**	0	6	**6**	27	33	1	**33**	0	33	1	**33**	0	33	1	**33**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	72	1	42	38	110	70	89	162	1	123	38	200	1	151	0	200	1	151
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	11	0	11	18	29	29	72	83	0	83	18	101	0	101	0	101	0	101
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	12	1	12	0	12	12	4	16	1	16	0	16	1	16	0	16	1	16
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	155	2	**78**	0	155	**78**	201	358	2	**179**	0	358	2	**179**	0	358	2	**179**
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	46	1	35	0	46	32	27	74	1	51	0	74	1	48	0	74	1	48
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	23	1	**23**	6	29	**29**	23	46	1	**46**	6	52	1	52	0	52	1	52
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	195	1	105	38	233	143	154	351	1	206	38	389	1	**245**	0	389	1	**245**
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	14	0	14	39	53	53	47	61	0	61	39	100	0	100	0	100	0	100
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	14	1	14	0	14	14	120	134	1	134	0	134	1	**134**	0	134	1	**134**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	434	1	**230**	0	434	**230**	126	565	1	**302**	0	565	1	302	0	565	1	302
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	25	0	25	0	25	25	13	38	0	38	0	38	0	38	0	38	0	38
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		84	North-South:		84	North-South:			212	North-South:			212	North-South:			212
	East-West:		253	East-West:		259	East-West:			348	East-West:			379	East-West:			379
	SUM:		337	SUM:		343	SUM:			560	SUM:			591	SUM:			591
VOLUME/CAPACITY (v/c) RATIO:			0.225			0.229				0.373				0.394				0.394
v/c LESS ATSAC/ATCS ADJUSTMENT:			0.125			0.129				0.273				0.294				0.294
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.021 | Δv/c after mitigation: 0.021
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
8	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	16	1	**16**	0	16	**16**	48	64	1	**64**	0	64	1	**64**	0	64	1	**64**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	210	1	111	0	210	111	57	270	1	141	0	270	1	141	0	270	0	282
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	19	1	19	0	19	19	11	30	1	30	0	30	1	30	0	30	1	30
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	191	1	**125**	0	191	**125**	93	286	0	**371**	0	286	0	**371**	0	286	0	**371**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	59	0	59	0	59	59	25	85	0	0	0	85	0	0	0	85	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	29	1	**29**	0	29	**29**	58	87	1	**87**	0	87	1	**87**	0	87	1	**87**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	184	1	97	43	227	124	145	331	1	183	43	374	1	211	0	374	1	211
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	9	0	9	12	21	21	26	35	0	35	12	47	0	47	0	47	0	47
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	28	1	28	0	28	28	0	28	1	28	0	28	1	28	0	28	1	28
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	395	1	**225**	0	395	**225**	187	587	1	**322**	0	587	1	**322**	0	587	1	**322**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	54	0	54	0	54	54	2	57	0	57	0	57	0	57	0	57	0	57
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		141	North-South:		141	North-South:			435	North-South:			435	North-South:			435
	East-West:		254	East-West:		254	East-West:			409	East-West:			409	East-West:			409
	SUM:		395	SUM:		395	SUM:			844	SUM:			844	SUM:			844
VOLUME/CAPACITY (v/c) RATIO:			0.263			0.263				0.563				0.563				0.563
v/c LESS ATSAC/ATCS ADJUSTMENT:			0.163			0.163				0.463				0.463				0.463
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
9	Main	2011	0.2	Eric Ji	1/13/2012
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Olympic	2017			LAEC

No. of Phases			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	28	1	**28**	0	28	28	3	31	1	**31**	0	31	1	**31**	0	31	1	**31**
	Left-Through		0							0				0				0	
	Through	210	2	105	30	240	**120**	167	380	2	190	30	410	2	205	0	410	2	205
	Through-Right		0							0				0				0	
	Right	25	1	16	0	25	16	2	27	1	16	0	27	1	16	0	27	1	16
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	16	1	16	0	16	**16**	9	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	202	2	**101**	0	202	101	169	373	1	**373**	0	373	1	**373**	0	373	1	**373**
	Through-Right		0							0				0				0	
	Right	90	1	68	0	90	70	63	154	1	115	0	154	1	117	0	154	1	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	45	1	**45**	-4	41	**41**	33	79	1	**79**	-4	75	1	**75**	0	75	1	**75**
	Left-Through		0							0				0				0	
	Through	156	1	87	46	202	111	123	281	1	150	46	327	1	174	0	327	1	174
	Through-Right		1							1				1				1	
	Right	18	0	18	2	20	20	0	18	0	18	2	20	0	20	0	20	0	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	19	1	19	0	19	19	4	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	361	1	**194**	0	361	**194**	124	489	1	**267**	0	489	1	**267**	0	489	1	**267**
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	18	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		129	North-South:		136	North-South:			404	North-South:			404	North-South:			404
		East-West:		239	East-West:		235	East-West:			346	East-West:			342	East-West:			342
		SUM:		368	SUM:		371	SUM:			750	SUM:			746	SUM:			746
VOLUME/CAPACITY (V/C) RATIO:				0.258			0.260				0.526				0.524				0.524
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.158			0.160				0.426				0.424				0.424
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: -0.002 Δv/c after mitigation: -0.002

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
10	Los Angeles	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Olympic	2017			LAEC

No. of Phases			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	25	1	25	0	25	25	3	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	128	1	**87**	1	129	**87**	24	154	1	**100**	1	155	1	**101**	0	155	1	**101**
	Through-Right		1							1				1				1	
	Right	45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	1	**36**	0	36	**36**	0	36	1	**36**	0	36	1	**36**	0	36	1	**36**
	Left-Through		0							0				0				0	
	Through	127	1	93	0	127	93	17	146	1	103	0	146	1	103	0	146	1	103
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	28	1	**28**	0	28	**28**	0	28	1	**28**	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	203	1	117	46	249	140	127	332	1	184	46	378	1	**207**	0	378	1	**207**
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	6	36	0	36	0	36	0	36	0	36	0	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	29	1	29	0	29	29	0	29	1	29	0	29	1	**29**	0	29	1	**29**
	Left-Through		0							0				0				0	
	Through	252	1	**145**	0	252	**145**	118	373	1	**205**	0	373	1	205	0	373	1	205
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		123	North-South:		123	North-South:			136	North-South:			137	North-South:			137
		East-West:		173	East-West:		173	East-West:			233	East-West:			236	East-West:			236
		SUM:		296	SUM:		296	SUM:			369	SUM:			373	SUM:			373
VOLUME/CAPACITY (V/C) RATIO:				0.197			0.197				0.246				0.249				0.249
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.099			0.099				0.146				0.149				0.149
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.003 Δv/c after mitigation: 0.003

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
11	Santee	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Olympic	2017			LAEC

No. of Phases			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	39	0	**39**	0	39	**39**	0	39	0	**39**	0	39	0	**39**	0	39	0	**39**
	Left-Through		0							0				0				0	
	Through	51	0	161	0	51	161	0	52	0	163	0	52	0	163	0	52	0	163
	Through-Right		0							0				0				0	
	Right	71	0	0	0	71	0	0	72	0	0	0	72	0	0	0	72	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	13	0	13	0	13	13	1	14	0	14	0	14	0	14	0	14	0	14
	Left-Through		0							0				0				0	
	Through	41	0	**145**	0	41	**145**	0	41	0	**147**	0	41	0	**147**	0	41	0	**147**
	Through-Right		0							0				0				0	
	Right	91	0	0	0	91	0	0	92	0	0	0	92	0	0	0	92	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	23	1	23	0	23	23	0	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	215	1	**134**	46	261	**157**	127	345	1	**199**	46	391	1	**222**	0	391	1	**222**
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	11	1	**11**	0	11	**11**	0	11	1	**11**	0	11	1	**11**	0	11	1	**11**
	Left-Through		0							0				0				0	
	Through	182	1	102	0	182	102	118	302	1	163	0	302	1	163	0	302	1	163
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	2	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		184	North-South:		184	North-South:			186	North-South:			186	North-South:			186
		East-West:		145	East-West:		168	East-West:			210	East-West:			233	East-West:			233
		SUM:		329	SUM:		352	SUM:			396	SUM:			419	SUM:			419
VOLUME/CAPACITY (V/C) RATIO:				0.219			0.235				0.264				0.279				0.279
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.119			0.135				0.164				0.179				0.179
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.015 Δv/c after mitigation: 0.015

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
12	Maple	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Olympic	2017			LAEC

No. of Phases			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	50	1	**50**	0	50	**50**	3	54	1	**54**	0	54	1	**54**	0	54	1	**54**
	Left-Through		0							0				0				0	
	Through	103	0	148	0	103	148	2	106	0	152	0	106	0	152	0	106	0	152
	Through-Right		1							1				1				1	
	Right	45	0	0	0	45	0	0	46	0	0	0	46	0	0	0	46	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	132	0	**195**	0	132	**195**	0	134	0	**198**	0	134	0	**198**	0	134	0	**198**
	Through-Right		1							1				1				1	
	Right	63	0	0	0	63	0	0	64	0	0	0	64	0	0	0	64	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	29	1	29	2	31	31	0	29	1	29	2	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	149	0	**149**	44	193	**193**	126	277	1	**277**	44	321	1	**321**	0	321	1	**321**
	Through-Right		0							0				0				0	
	Right	119	1	94	0	119	94	2	122	1	95	0	122	1	95	0	122	1	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	1	**14**	0	14	**14**	0	14	1	**14**	0	14	1	**14**	0	14	1	**14**
	Left-Through		0							0				0				0	
	Through	97	0	111	0	97	111	116	214	0	228	0	214	0	228	0	214	0	228
	Through-Right		1							1				1				1	
	Right	14	0	0	0	14	0	0	14	0	0	0	14	0	0	0	14	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		245	North-South:		245	North-South:			252	North-South:			252	North-South:			252
		East-West:		163	East-West:		207	East-West:			291	East-West:			335	East-West:			335
		SUM:		408	SUM:		452	SUM:			543	SUM:			587	SUM:			587
VOLUME/CAPACITY (V/C) RATIO:				0.272			0.301				0.362				0.391				0.391
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.172			0.201				0.262				0.291				0.291
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.029 Δv/c after mitigation: 0.029

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Maple	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
13	East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	119	0	182	0	119	184	2	122	0	186	0	122	0	188	0	122	0	188
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	44	0	0	2	46	0	0	45	0	0	2	47	0	0	0	47	0	0
NORTHBOUND Left-Through-Right		1							1				1				1	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	84	0	120	0	84	120	0	85	0	121	0	85	0	121	0	85	0	121
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	24	0	0	0	24	0	0	24	0	0	0	24	0	0	0	24	0	0
SOUTHBOUND Left-Through-Right		1							1				1				1	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	13	0	13	0	13	13	0	13	0	13	0	13	0	13	0	13	0	13
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	216	0	141	62	278	172	150	369	0	218	62	431	0	249	0	431	0	249
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	52	0	141	0	52	172	0	53	0	218	0	53	0	249	0	53	0	249
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	140	0	114	0	140	139	0	142	0	141	0	142	0	141	0	142	0	141
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	36	0	114	0	36	139	0	36	0	141	0	36	0	141	0	36	0	141
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		194	North-South:		196	North-South:			198	North-South:			200	North-South:			200
	East-West:		192	East-West:		223	East-West:			270	East-West:			301	East-West:			301
	SUM:		386	SUM:		419	SUM:			468	SUM:			501	SUM:			501
VOLUME/CAPACITY (V/C) RATIO:			0.257			0.279				0.312				0.334				0.334
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.157			0.179				0.212				0.234				0.234
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.022 | Δv/c after mitigation: 0.022
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
14	East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	231	1	143	0	231	162	3	237	1	147	0	237	1	165	0	237	1	165
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	55	0	55	37	92	92	0	56	0	56	37	93	0	93	0	93	0	93
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	19	1	19	0	19	19	0	19	1	19	0	19	1	19	0	19	1	19
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	212	1	119	0	212	119	0	215	1	121	0	215	1	121	0	215	1	121
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	43	0	43	0	43	43	1	45	0	45	0	45	0	45	0	45	0	45
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	227	0	157	63	290	189	147	377	0	235	63	440	0	266	0	440	0	266
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	44	0	157	0	44	189	2	47	0	235	0	47	0	266	0	47	0	266
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	44	0	44	4	48	48	0	45	0	45	4	49	0	49	0	49	0	49
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	162	0	126	0	162	152	0	164	0	151	0	164	0	155	0	164	0	155
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	45	0	126	0	45	152	2	48	0	151	0	48	0	155	0	48	0	155
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		162	North-South:		181	North-South:			166	North-South:			184	North-South:			184
	East-West:		201	East-West:		237	East-West:			280	East-West:			315	East-West:			315
	SUM:		363	SUM:		418	SUM:			446	SUM:			499	SUM:			499
VOLUME/CAPACITY (V/C) RATIO:			0.242			0.279				0.297				0.333				0.333
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.142			0.179				0.197				0.233				0.233
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.036 | Δv/c after mitigation: 0.036
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
15	East-West Street:	Chick Hearn Ct	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	198	1	198	629	827	827	0	200	1	200	629	829	1	829	0	829	1	829
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	458	2	165	466	924	308	17	481	2	179	466	947	2	316	0	947	2	316
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	38	0	38	-38	0	0	17	55	0	55	-55	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	40	0	40	28	68	68	0	40	0	40	28	68	0	68	0	68	0	68
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	42	0	82	-42	0	0	53	96	1	112	-96	0	0	0	0	0	1	0
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	81	0	82	-81	0	0	5	87	0	112	-87	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	25	1	25	-25	0	0	0	25	1	25	-25	0	1	0	0	0	1	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	67	2	34	290	357	179	86	154	2	77	227	381	2	191	0	381	2	191
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	33	1	33	0	33	33	13	46	1	46	0	46	1	46	0	46	1	46
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		198	North-South:		827	North-South:			200	North-South:			829	North-South:			829
	East-West:		107	East-West:		247	East-West:			137	East-West:			259	East-West:			259
	SUM:		305	SUM:		1074	SUM:			337	SUM:			1088	SUM:			1088
VOLUME/CAPACITY (V/C) RATIO:			0.203			0.716				0.225				0.725				0.725
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.103			0.616				0.125				0.625				0.625
LEVEL OF SERVICE (LOS):			A			B				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.500 | Δv/c after mitigation: 0.500
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
16	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	35	1	35	-35	0	0	47	82	1	82	-82	0	1	0	0	0	1	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	675	3	172	63	738	187	602	1285	3	324	63	1348	3	340	-1082	266	3	67
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	-11	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	5	1	5	0	5	5	0	5	1	5	0	5	1	5	-5	0	1	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	117	1	82	148	265	133	72	190	1	119	148	338	1	169	-338	0	1	0
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	46	0	46	-46	0	0	0	47	0	47	-47	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	38	2	21	-38	0	0	0	38	2	21	-38	0	2	0	0	0	2	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	28	1	28	-28	0	0	0	28	1	28	-28	0	1	0	0	0	1	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	44	1	9	-44	0	0	70	115	1	33	-115	0	1	0	0	0	1	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	50	1	50	4	54	54	0	51	1	51	4	55	1	55	-55	0	1	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	93	2	47	-93	0	0	63	157	2	79	-157	0	2	0	0	0	2	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	80	1	75	0	80	75	44	125	1	120	0	125	1	120	-125	0	1	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		177	North-South:		192	North-South:			329	North-South:			345	North-South:			67
	East-West:		96	East-West:		75	East-West:			141	East-West:			120	East-West:			0
	SUM:		273	SUM:		267	SUM:			470	SUM:			465	SUM:			67
VOLUME/CAPACITY (V/C) RATIO:			0.199			0.194				0.342				0.338				0.049
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.099			0.097				0.242				0.238				0.024
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: -0.004 | Δv/c after mitigation: -0.218
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
17	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	269	3	90	324	593	**198**	492	764	3	**255**	324	1088	3	**363**	-835	253	3	**84**
	Through-Right		0							0				0				0	
	Right	91	1	**91**	-13	78	78	10	102	1	102	-13	89	1	89	-89	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	44	1	**44**	-28	16	**16**	0	45	1	**45**	-28	17	1	**17**	-17	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	27	1	**27**	0	27	**27**	171	198	1	**198**	0	198	1	**198**	-198	0	1	**0**
	Left-Through		0							0				0				0	
	Through	138	2	69	-97	41	21	98	238	2	119	-161	77	2	39	-77	0	2	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	91		*North-South:*	198			*North-South:*	255			*North-South:*	363			*North-South:*	84
			East-West:	71		*East-West:*	43			*East-West:*	243			*East-West:*	215			*East-West:*	0
			SUM:	162		*SUM:*	241			*SUM:*	498			*SUM:*	578			*SUM:*	84
	VOLUME/CAPACITY (*V/C*) RATIO:			0.114			0.169				0.349				0.406				0.059
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.057			0.085				0.249				0.306				0.029
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.057 — Δ*v/c* after mitigation: -0.220

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
18	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	282	3	**83**	160	442	**123**	349	634	3	**177**	160	794	3	**217**	1024	1818	3	**473**
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	21	73	0	73	0	73	0	73	0	73	0	73
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	1	24	115	139	**139**	126	150	1	150	115	265	1	**265**	249	514	1	**514**
	Left-Through		0							0				0				0	
	Through	137	2	**69**	-97	40	20	292	431	2	**216**	-161	270	2	135	-249	21	2	11
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	83		*North-South:*	123			*North-South:*	177			*North-South:*	217			*North-South:*	473
			East-West:	69		*East-West:*	139			*East-West:*	216			*East-West:*	265			*East-West:*	514
			SUM:	152		*SUM:*	262			*SUM:*	393			*SUM:*	482			*SUM:*	987
	VOLUME/CAPACITY (*V/C*) RATIO:			0.101			0.175				0.262				0.321				0.658
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.051			0.087				0.162				0.221				0.558
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.059 — Δ*v/c* after mitigation: 0.396

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
19	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	40	0	40	113	153	**153**	215	255	0	**255**	113	368	0	**368**	0	368	0	368
	Left-Through		1							1				1				1	
	Through	215	3	**64**	170	385	128	312	530	3	177	181	711	3	237	1187	1898	3	**567**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	117	2	**59**	-95	22	11	161	279	2	**140**	-159	120	2	60	0	120	2	60
	Through-Right		0							0				0				0	
	Right	17	1	17	93	110	**110**	0	17	1	17	156	173	1	**173**	0	173	1	**173**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	64		*North-South:*	153			*North-South:*	255			*North-South:*	368			*North-South:*	567
			East-West:	59		*East-West:*	110			*East-West:*	140			*East-West:*	173			*East-West:*	173
			SUM:	123		*SUM:*	263			*SUM:*	395			*SUM:*	541			*SUM:*	740
	VOLUME/CAPACITY (*V/C*) RATIO:			0.082			0.175				0.263				0.361				0.493
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.041			0.088				0.163				0.261				0.393
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.098 — Δ*v/c* after mitigation: 0.230

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
20	East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	-3	0	1	0
	Left-Through		0							0				0				0	
	Through	718	3	**184**	-28	690	**177**	461	1188	3	**307**	-75	1113	3	**288**	-1082	31	3	**8**
	Through-Right		1							1				1				1	
	Right	16	0	16	0	16	16	22	38	0	38	0	38	0	38	-38	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	**3**	0	3	**3**	9	12	1	**12**	0	12	1	**12**	-12	0	1	**0**
	Left-Through		0							0				0				0	
	Through	198	2	99	48	246	123	87	287	2	144	36	323	2	162	-323	0	2	0
	Through-Right		0							0				0				0	
	Right	2	1	2	0	2	2	0	2	1	2	0	2	1	2	-2	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	**0**
	Left-Through		0							0				0				0	
	Through	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Through-Right		0							0				0				0	
	Right	2	1	**1**	0	2	**1**	0	2	1	**1**	0	2	1	**1**	-2	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	15	1	**15**	0	15	**15**	0	15	1	**15**	0	15	1	**15**	-15	0	1	0
	Left-Through		0							0				0				0	
	Through	0	0	13	0	0	13	0	0	0	13	0	0	0	13	0	0	0	**13**
	Through-Right		1							1				1				1	
	Right	13	0	0	0	13	0	0	13	0	0	0	13	0	0	0	13	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	187		*North-South:*	180			*North-South:*	319			*North-South:*	300			*North-South:*	8
			East-West:	16		*East-West:*	16			*East-West:*	16			*East-West:*	16			*East-West:*	13
			SUM:	203		*SUM:*	196			*SUM:*	335			*SUM:*	316			*SUM:*	21
	VOLUME/CAPACITY (*V/C*) RATIO:			0.142			0.138				0.235				0.222				0.015
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.071			0.069				0.135				0.122				0.007
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: -0.013 — Δ*v/c* after mitigation: -0.128

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	21	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	43	1	43	46	89	89	120	164	1	164	46	210	1	210	-210	0	1	0
	Left-Through		0							0				0				0	
	Through	254	2	93	250	504	176	472	729	2	251	250	979	2	335	-864	115	1	58
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	0	25	0	25	0	25	0	25	-25	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	14	1	11	0	14	11	30	44	1	26	0	44	1	26	-44	0	1	0
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	-8	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		93	North-South:		176	North-South:			251	North-South:			335	North-South:			58
		East-West:		11	East-West:		11	East-West:			26	East-West:			26	East-West:			0
		SUM:		104	SUM:		187	SUM:			277	SUM:			361	SUM:			58
VOLUME/CAPACITY (V/C) RATIO:				0.069			0.125				0.185				0.241				0.039
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.035			0.062				0.092				0.141				0.019
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.049 — Δv/c after mitigation: -0.073

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	22	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	39	0	39	26	65	65	25	64	0	64	26	90	0	90	164	254	0	254
	Left-Through		1							1				1				1	
	Through	277	3	79	694	971	259	447	727	3	198	694	1421	3	378	1109	2530	3	696
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	29	1	29	6	35	35	168	197	1	139	6	203	1	203	-164	39	1	39
	Through-Right		1							1				1				1	
	Right	45	0	45	132	177	177	35	81	0	81	132	213	0	213	0	213	0	213
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		79	North-South:		259	North-South:			198	North-South:			378	North-South:			696
		East-West:		45	East-West:		177	East-West:			139	East-West:			213	East-West:			213
		SUM:		124	SUM:		436	SUM:			337	SUM:			591	SUM:			909
VOLUME/CAPACITY (V/C) RATIO:				0.083			0.291				0.225				0.394				0.606
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.041			0.191				0.125				0.294				0.506
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.169 — Δv/c after mitigation: 0.381

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	23	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	235	3	78	148	383	128	455	693	3	231	159	852	3	284	1187	2039	3	680
	Through-Right		0							0				0				0	
	Right	8	1	8	3	11	11	0	8	1	8	3	11	1	11	0	11	1	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	21	0	21	0	21	21	93	114	0	114	0	114	0	114	0	114	0	114
	Left-Through		1							1				1				1	
	Through	41	1	31	32	73	47	100	141	1	128	32	173	1	144	0	173	1	144
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		78	North-South:		128	North-South:			231	North-South:			284	North-South:			680
		East-West:		31	East-West:		47	East-West:			128	East-West:			144	East-West:			144
		SUM:		109	SUM:		175	SUM:			359	SUM:			428	SUM:			824
VOLUME/CAPACITY (V/C) RATIO:				0.073			0.117				0.239				0.285				0.549
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.036			0.058				0.139				0.185				0.449
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.046 — Δv/c after mitigation: 0.310

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	24	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	649	2	357	135	784	431	0	657	2	361	135	792	2	436	0	792	2	436
	Left-Through		0							0				0				0	
	Through	471	2	236	-318	153	77	34	511	2	256	-358	153	2	77	0	153	2	77
	Through-Right		0							0				0				0	
	Right	81	1	81	53	134	134	39	121	1	121	53	174	1	174	0	174	1	174
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	37	2	20	-37	0	0	5	42	2	23	-42	0	2	0	0	0	2	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	12	2	0	-12	0	0	0	12	2	0	-12	0	2	0	0	0	2	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	64	1	64	-64	0	0	0	65	1	65	-65	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	289	3	96	411	700	233	101	393	3	131	411	804	3	268	0	804	3	268
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	276	2	138	-31	245	123	80	359	2	180	-31	328	2	164	-328	0	2	0
	Through-Right		0							0				0				0	
	Right	66	1	56	-66	0	0	0	67	1	56	-67	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		377	North-South:		431	North-South:			384	North-South:			436	North-South:			436
		East-West:		202	East-West:		233	East-West:			245	East-West:			268	East-West:			268
		SUM:		579	SUM:		664	SUM:			629	SUM:			704	SUM:			704
VOLUME/CAPACITY (V/C) RATIO:				0.406			0.466				0.441				0.494				0.494
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.306			0.366				0.341				0.394				0.394
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.053 — Δv/c after mitigation: 0.053

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	25	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Bond	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1059	3	353	-161	898	299	73	1145	3	382	-195	950	3	317	0	950	3	317
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	2	0	2	255	257	257	0	2	0	2	255	257	0	257	0	257	0	257
	Left-Through		1							1				1				1	
	Through	1	0	3	0	1	258	0	1	0	3	0	1	0	258	0	1	0	258
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	79	0	0	59	0	0	0	80	0	0	0	24	0	0	0	24
	Through-Right		1							1				1				1	
	Right	158	1	0	-40	118	0	0	160	1	0	-113	47	1	0	0	47	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	353		North-South:	299		North-South:		382		North-South:		317		North-South:		317
			East-West:	82		East-West:	317		East-West:		83		East-West:		282		East-West:		282
			SUM:	435		SUM:	616		SUM:		465		SUM:		599		SUM:		599
	VOLUME/CAPACITY (v/c) RATIO:			0.305			0.432				0.326				0.420				0.420
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.205			0.332				0.226				0.320				0.320
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.094 | Δv/c after mitigation: 0.094
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	26	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	81	1	81	-9	72	72	3	85	1	85	-9	76	1	76	-76	0	1	0
	Left-Through		0							0				0				0	
	Through	582	3	155	-19	563	172	412	1001	3	262	-66	935	3	279	-845	90	3	30
	Through-Right		1							1				1				1	
	Right	36	0	36	88	124	124	11	47	0	47	135	182	0	182	173	355	0	355
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	1	12	0	12	12	4	16	1	16	0	16	1	16	-16	0	1	0
	Left-Through		0							0				0				0	
	Through	180	2	90	56	236	118	32	214	2	107	44	258	2	129	-258	0	2	0
	Through-Right		0							0				0				0	
	Right	31	1	0	-7	24	0	22	53	1	0	-7	46	1	0	-46	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	120	1	120	-9	111	111	68	189	1	189	-9	180	1	180	-180	0	1	0
	Left-Through		0							0				0				0	
	Through	462	2	231	243	705	353	76	544	2	272	243	787	2	394	189	976	2	488
	Through-Right		0							0				0				0	
	Right	151	1	70	99	250	178	15	168	1	83	99	267	1	191	0	267	1	267
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	76	1	76	11	87	87	37	114	1	114	11	125	1	125	-125	0	1	0
	Left-Through		0							0				0				0	
	Through	244	2	122	-101	143	72	55	302	2	151	-101	201	2	101	-201	0	2	0
	Through-Right		0							0				0				0	
	Right	43	1	37	0	43	37	4	48	1	40	0	48	1	40	-48	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	171		North-South:	190		North-South:		278		North-South:		295		North-South:		355
			East-West:	307		East-West:	440		East-West:		386		East-West:		519		East-West:		488
			SUM:	478		SUM:	630		SUM:		664		SUM:		814		SUM:		843
	VOLUME/CAPACITY (v/c) RATIO:			0.348			0.458				0.483				0.592				0.613
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.248			0.358				0.383				0.492				0.513
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.109 | Δv/c after mitigation: 0.130
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	27	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	2	0	0	0	2	0	9	11	0	0	0	11	0	0	-11	0	0	0
	Left-Through		0							0				0				0	
	Through	199	2	87	258	457	170	436	637	2	247	258	895	2	330	-788	107	1	54
	Through-Right		1							1				1				1	
	Right	62	0	62	-8	54	54	41	104	0	104	-8	96	0	96	-96	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	368	1	267	124	492	445	100	472	1	321	171	643	1	523	425	1068	1	735
	Through-Right		1							1				1				1	
	Right	165	0	165	232	397	397	3	170	0	170	232	402	0	402	0	402	0	402
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	12	0	12	0	12	12	-12	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		1							0				0				0	
	Through	304	1	164	-87	217	133	101	409	2	205	-87	322	2	161	-322	0	2	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	87		North-South:	170		North-South:		247		North-South:		330		North-South:		54
			East-West:	279		East-West:	457		East-West:		321		East-West:		523		East-West:		735
			SUM:	366		SUM:	627		SUM:		568		SUM:		853		SUM:		789
	VOLUME/CAPACITY (v/c) RATIO:			0.244			0.418				0.379				0.569				0.526
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.144			0.318				0.279				0.469				0.426
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.190 | Δv/c after mitigation: 0.147
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	28	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	0	3	6	9	9	10	13	0	13	6	19	0	19	0	19	0	19
	Left-Through		1							1				1				1	
	Through	281	2	81	1013	1294	335	425	709	2	202	1013	1722	2	456	1109	2831	2	734
	Through-Right		1							1				1				1	
	Right	39	0	81	-2	37	335	47	86	0	202	-2	84	0	456	0	84	0	734
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	199	1	132	128	327	240	93	294	1	185	128	422	1	293	425	847	1	505
	Through-Right		1							1				1				1	
	Right	65	0	65	88	153	153	9	75	0	75	88	163	0	163	0	163	0	163
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	20	0	20	52	72	72	10	30	0	30	52	82	0	82	179	261	0	261
	Left-Through		1							1				1				1	
	Through	237	1	129	-3	234	189	58	298	1	179	-70	228	1	196	-293	-65	1	-65
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	81		North-South:	335		North-South:		202		North-South:		456		North-South:		734
			East-West:	152		East-West:	312		East-West:		215		East-West:		375		East-West:		766
			SUM:	233		SUM:	647		SUM:		417		SUM:		831		SUM:		1500
	VOLUME/CAPACITY (v/c) RATIO:			0.155			0.431				0.278				0.554				1.000
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.078			0.331				0.178				0.454				0.900
	LEVEL OF SERVICE (LOS):			A			A				A				A				D

PROJECT IMPACT

Change in v/c due to project: 0.276 | Δv/c after mitigation: 0.722
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	29	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	1	SB--	0	NB--	1	SB--	0	NB--	1	SB--	0	NB--	1	SB--	0	NB--	1	SB--	0	NB--	1	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	32	0	32	4	36	36	6	38	0	38	4	42	0	42	0	42	0	42
	Left-Through		1							1				1				1	
	Through	211	3	61	62	273	77	417	631	3	167	73	704	3	187	649	1353	3	349
	Through-Right		0							0				0				0	
	Right	17	1	17	27	44	44	12	29	1	29	27	56	1	56	0	56	1	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	20	0	20	16	36	36	34	54	0	54	16	70	0	70	425	495	0	495
	Left-Through		1							1				1				1	
	Through	186	1	103	118	304	170	69	257	1	183	118	375	1	258	0	375	1	375
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	221	1	118	-23	198	140	62	286	1	152	-23	263	1	174	-113	150	1	150
	Through-Right		1							1				1				1	
	Right	14	0	14	67	81	81	4	18	0	18	67	85	0	85	113	198	0	198
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		61	North-South:		77	North-South:			167	North-South:			187	North-South:			349
		East-West:		138	East-West:		176	East-West:			206	East-West:			258	East-West:			693
		SUM:		199	SUM:		253	SUM:			373	SUM:			445	SUM:			1042
VOLUME/CAPACITY (V/C) RATIO:				0.133			0.169				0.249				0.297				0.695
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.066			0.084				0.149				0.197				0.595
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.048 Δv/c after mitigation: 0.446

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	30	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	7	1	7	0	7	7	5	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	58	1	32	5	63	37	117	176	1	92	5	181	1	97	0	181	1	97
	Through-Right		1							1				1				1	
	Right	6	0	6	4	10	10	2	8	0	8	4	12	0	12	0	12	0	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	1	1	1	45	46	46	4	5	1	5	45	50	1	50	0	50	1	50
	Left-Through		0							0				0				0	
	Through	129	1	72	1180	1309	662	142	273	1	148	1180	1453	1	738	0	1453	1	738
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	9	23	0	23	0	23	0	23	0	23	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	9	0	9	33	42	42	8	17	0	17	33	50	0	50	0	50	0	50
	Left-Through		1							1				1				1	
	Through	179	0	102	90	269	232	58	239	0	144	90	329	0	273	0	329	0	273
	Through-Right		1							1				1				1	
	Right	16	0	102	136	152	232	15	31	0	144	136	167	0	273	0	167	0	273
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	11	0	11	0	11	11	3	14	0	14	0	14	0	14	0	14	0	14
	Left-Through		1							1				1				1	
	Through	214	0	117	-18	196	114	52	269	0	152	-18	251	0	150	0	251	0	150
	Through-Right		1							1				1				1	
	Right	9	0	117	0	9	114	11	20	0	152	0	20	0	150	0	20	0	150
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		79	North-South:		669	North-South:			160	North-South:			750	North-South:			750
		East-West:		126	East-West:		243	East-West:			169	East-West:			287	East-West:			287
		SUM:		205	SUM:		912	SUM:			329	SUM:			1037	SUM:			1037
VOLUME/CAPACITY (V/C) RATIO:				0.137			0.608				0.219				0.691				0.691
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.068			0.508				0.119				0.591				0.591
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.472 Δv/c after mitigation: 0.472

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	31	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	21	1	21	-2	19	19	0	21	1	21	-2	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	144	1	78	0	144	78	91	237	1	124	0	237	1	124	0	237	1	124
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	211	1	120	50	261	142	95	309	1	174	50	359	1	196	0	359	1	196
	Through-Right		1							1				1				1	
	Right	28	0	28	-6	22	22	11	39	0	39	-6	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	28	1	28	0	28	28	8	36	1	36	0	36	1	36	0	36	1	36
	Left-Through		0							0				0				0	
	Through	134	1	134	97	231	231	56	192	1	192	97	289	1	289	0	289	1	289
	Through-Right		0							0				0				0	
	Right	27	1	17	41	68	59	0	27	1	17	41	68	1	59	0	68	1	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	152	0	170	-9	143	161	55	209	0	227	-9	200	0	218	0	200	0	218
	Through-Right		1							1				1				1	
	Right	18	0	0	0	18	0	0	18	0	0	0	18	0	0	0	18	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		141	North-South:		161	North-South:			195	North-South:			215	North-South:			215
		East-West:		198	East-West:		251	East-West:			263	East-West:			309	East-West:			309
		SUM:		339	SUM:		412	SUM:			458	SUM:			524	SUM:			524
VOLUME/CAPACITY (V/C) RATIO:				0.226			0.275				0.305				0.349				0.349
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.126			0.175				0.205				0.249				0.249
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.044 Δv/c after mitigation: 0.044

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	32	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	159	1	83	4	163	85	110	271	2	136	4	275	2	138	0	275	2	138
	Through-Right		1							1				1				1	
	Right	7	0	7	0	7	7	0	7	1	7	0	7	1	7	0	7	1	7
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	7	1	7	0	7	7	0	7	1	7	0	7	1	7	0	7	1	7
	Left-Through		0							0				0				0	
	Through	226	1	126	10	236	130	118	347	0	385	10	357	0	393	0	357	0	393
	Through-Right		1							1				1				1	
	Right	26	0	26	-2	24	24	12	38	0	0	-2	36	0	0	0	36	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	36	1	36	26	62	62	19	55	1	55	26	81	1	81	0	81	1	81
	Left-Through		0							0				0				0	
	Through	85	0	114	71	156	185	36	122	0	151	71	193	0	222	0	193	0	222
	Through-Right		1							1				1				1	
	Right	29	0	0	0	29	0	0	29	0	0	0	29	0	0	0	29	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	16	0	16	0	16	16	0	16	0	16	0	16	0	16	0	16	0	16
	Left-Through		0							0				0				0	
	Through	177	0	210	-7	170	203	42	221	0	255	-7	214	0	248	0	214	0	248
	Through-Right		1							1				1				1	
	Right	17	0	0	0	17	0	1	18	0	0	0	18	0	0	0	18	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		148	North-South:		152	North-South:			407	North-South:			415	North-South:			415
		East-West:		246	East-West:		265	East-West:			310	East-West:			329	East-West:			329
		SUM:		394	SUM:		417	SUM:			717	SUM:			744	SUM:			744
VOLUME/CAPACITY (V/C) RATIO:				0.263			0.278				0.478				0.496				0.496
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.163			0.178				0.378				0.396				0.396
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.018 Δv/c after mitigation: 0.018

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
33	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	94	0	94		94	94	17	112	0	112	0	112	0	112	0	112	0	112
	Left-Through		0							0				0				0	
	Through	2	0	96	0	2	96	0	2	0	114	0	2	0	114	0	2	0	114
	Through-Right		0							0				0				0	
	Right	63	1	0	87	150	0	60	124	1	10	87	211	1	0	0	211	1	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through		0							0				0				0	
	Through	41	0	53	0	41	53	0	41	0	53	0	41	0	53	0	41	0	53
	Through-Right		0							0				0				0	
	Right	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	6	1	6	0	6	6	0	6	1	6	0	6	1	6	0	6	1	6
	Left-Through		0							0				0				0	
	Through	518	2	206	66	584	228	176	700	2	268	66	766	2	290	0	766	2	290
	Through-Right		1							1				1				1	
	Right	99	0	99	0	99	99	3	103	0	103	0	103	0	103	0	103	0	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	161	1	161	232	393	393	66	229	1	229	232	461	1	461	0	461	1	461
	Left-Through		0							0				0				0	
	Through	573	2	199	270	843	289	199	779	2	268	270	1049	2	358	326	1375	2	467
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	0	25	0	25	0	25	0	25	0	25	0	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	149		North-South:	149		North-South:		167		North-South:		167		North-South:		167
			East-West:	367		East-West:	621		East-West:		497		East-West:		751		East-West:		751
			SUM:	516		SUM:	770		SUM:		664		SUM:		918		SUM:		918
	VOLUME/CAPACITY (V/C) RATIO:			0.375			0.560				0.483				0.668				0.668
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.275			0.460				0.383				0.568				0.568
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.185 — Δv/c after mitigation: 0.185

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
34	East-West Street:	SR 110 SB Off-Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	303	2	152	232	535	268	69	376	2	188	232	608	2	304	0	608	2	304
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	191	1	191	-82	109	109	53	246	1	246	-82	164	1	164	0	164	1	164
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	167
	Through-Right		0							0				0				0	
	Right	167	2	92	87	254	140	77	246	2	135	87	333	2	183	0	333	1	0
	Left-Through-Right		0							0				0				1	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	152		North-South:	268		North-South:		188		North-South:		304		North-South:		304
			East-West:	191		East-West:	140		East-West:		246		East-West:		183		East-West:		167
			SUM:	343		SUM:	408		SUM:		434		SUM:		487		SUM:		471
	VOLUME/CAPACITY (V/C) RATIO:			0.229			0.272				0.289				0.325				0.314
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.129			0.172				0.189				0.225				0.214
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.036 — Δv/c after mitigation: 0.025

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/19/2012
35	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	127	1	70	-82	45	25	53	182	1	100	-82	100	1	55	0	100	1	100
	Left-Through		1							1				1				1	
	Through	307	0	374	232	539	606	69	380	0	448	232	612	0	680	0	612	1	227
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	42	1	42	-42	0	0	5	48	1	48	-48	0	1	0	0	0	1	0
	Through-Right		0							0				0				0	
	Right	109	1	109	0	109	109	0	110	1	110	0	110	1	110	0	110	1	110
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	171	0	171	1048	1219	1219	80	253	0	253	985	1238	0	1238	0	1238	1	619
	Left-Through		1							1				1				1	
	Through	122	1	122	-122	0	0	6	129	1	129	-129	0	1	0	0	0	0	619
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	374		North-South:	606		North-South:		448		North-South:		680		North-South:		227
			East-West:	280		East-West:	1328		East-West:		363		East-West:		1348		East-West:		729
			SUM:	654		SUM:	1934		SUM:		811		SUM:		2028		SUM:		956
	VOLUME/CAPACITY (V/C) RATIO:			0.459			1.357				0.569				1.423				0.671
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.359			1.257				0.469				1.323				0.571
	LEVEL OF SERVICE (LOS):			A			F				A				F				A

PROJECT IMPACT

Change in v/c due to project: 0.854 — Δv/c after mitigation: 0.102

Significant impacted? YES — Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Convention Center Drive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
36	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	209	1	115	149	358	197	0	212	1	117	149	361	1	199	0	361	1	199
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	53	1	45	28	81	67	0	54	1	46	28	82	1	68	0	82	1	68
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	16	1	16	12	28	28	0	16	1	16	12	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	337	2	169	42	379	190	39	380	2	190	56	436	2	218	0	436	2	218
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	431	2	216	234	665	333	41	477	2	239	234	711	2	356	85	796	2	398
	Through-Right		0							0				0				0	
	Right	68	1	0	157	225	28	13	82	1	0	157	239	1	40	0	239	1	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	115		North-South:	197		North-South:		117		North-South:		199		North-South:		199
			East-West:	232		East-West:	361		East-West:		255		East-West:		384		East-West:		426
			SUM:	347		SUM:	558		SUM:		372		SUM:		583		SUM:		625
	VOLUME/CAPACITY (V/C) RATIO:			0.231			0.372				0.248				0.389				0.417
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.131			0.272				0.148				0.289				0.317
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.141 — Δv/c after mitigation: 0.169

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	37	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	76	1	**76**	20	96	**96**	0	77	1	**77**	20	97	1	**97**	85	182	1	**182**
	Left-Through		0							0				0				0	
	Through	578	3	152	5	583	153	365	950	3	246	5	955	3	247	-694	261	3	87
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	3	33	0	33	0	33	0	33	100	133	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	1	11	14	25	25	3	14	1	14	14	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	354	2	**177**	401	755	**378**	22	380	2	**190**	389	769	2	**385**	-356	413	2	**207**
	Through-Right		1							0				0				0	
	Right	42	1	3	100	142	89	17	60	1	9	100	160	1	95	0	160	1	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	39	1	**39**	14	53	**53**	12	51	1	**51**	14	65	1	**65**	0	65	1	**65**
	Left-Through		0							0				0				0	
	Through	144	2	72	13	157	79	27	173	2	87	13	186	2	93	0	186	2	93
	Through-Right		0							0				0				0	
	Right	137	1	61	164	301	205	0	139	1	62	178	317	1	220	0	317	1	135
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	0	24	29	53	53	1	25	0	25	29	54	0	54	356	410	0	410
	Left-Through		1							1				1				1	
	Through	140	0	**95**	272	412	**294**	38	180	0	**144**	272	452	0	**331**	0	452	0	**554**
	Through-Right		1							1				1				1	
	Right	25	0	95	45	70	294	32	57	0	144	45	102	0	331	0	102	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	253		*North-South:*	474			*North-South:*	267			*North-South:*	482			*North-South:*	389
			East-West:	134		*East-West:*	347			*East-West:*	195			*East-West:*	396			*East-West:*	619
			SUM:	387		*SUM:*	821			*SUM:*	462			*SUM:*	878			*SUM:*	1008
	VOLUME/CAPACITY (*V/C*) RATIO:			0.281			0.597				0.336				0.639				0.733
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.181**			**0.497**				**0.236**				**0.539**				**0.633**
	LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**B**

PROJECT IMPACT

Change in *v/c* due to project: **0.303** — Δ*v/c* after mitigation: **0.397**

Significant impacted? **NO** — Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	38	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	15	1	15	0	15	15	3	18	1	18	0	18	1	18	40	58	1	58
	Left-Through		0							0				0				0	
	Through	328	2	**164**	492	820	**410**	419	751	2	**267**	492	1243	2	**448**	-867	376	2	**159**
	Through-Right		0							1				1				1	
	Right	34	1	34	50	84	84	17	51	0	51	50	101	0	101	0	101	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	125	1	**89**	26	151	**102**	32	159	1	**106**	26	185	1	**119**	100	285	1	**169**
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	0	**22**	275	297	**297**	6	28	0	**28**	275	303	0	**303**	414	717	0	**717**
	Left-Through		1							1				1				1	
	Through	146	1	84	295	441	369	53	201	1	115	295	496	1	400	356	852	1	852
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	164		*North-South:*	410			*North-South:*	267			*North-South:*	448			*North-South:*	159
			East-West:	111		*East-West:*	399			*East-West:*	134			*East-West:*	422			*East-West:*	886
			SUM:	275		*SUM:*	809			*SUM:*	401			*SUM:*	870			*SUM:*	1045
	VOLUME/CAPACITY (*V/C*) RATIO:			0.193			0.568				0.281				0.611				0.733
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.096**			**0.468**				**0.181**				**0.511**				**0.633**
	LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**B**

PROJECT IMPACT

Change in *v/c* due to project: **0.330** — Δ*v/c* after mitigation: **0.452**

Significant impacted? **NO** — Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	39	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	21	0	21	97	118	118	5	26	0	26	97	123	0	123	0	123	0	123
	Left-Through		1							1				1				1	
	Through	315	3	**84**	1008	1323	**360**	418	737	3	**191**	1008	1745	3	**467**	518	2263	3	597
	Through-Right		0							0				0				0	
	Right	42	1	42	46	88	88	21	64	1	64	46	110	1	110	770	880	1	**880**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	135	1	**94**	42	177	**169**	29	166	1	**116**	42	208	1	**191**	140	348	1	**261**
	Through-Right		1							1				1				1	
	Right	52	0	52	109	161	161	12	65	0	65	109	174	0	174	0	174	0	174
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	20	0	**20**	276	296	**296**	0	20	0	**20**	276	296	0	**296**	0	296	0	**296**
	Left-Through		1							1				1				1	
	Through	143	1	82	233	376	376	34	179	1	100	233	412	1	412	0	412	1	412
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	84		*North-South:*	360			*North-South:*	191			*North-South:*	467			*North-South:*	880
			East-West:	114		*East-West:*	465			*East-West:*	136			*East-West:*	487			*East-West:*	557
			SUM:	198		*SUM:*	825			*SUM:*	327			*SUM:*	954			*SUM:*	1437
	VOLUME/CAPACITY (*V/C*) RATIO:			0.132			0.550				0.218				0.636				0.958
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.066**			**0.450**				**0.118**				**0.536**				**0.858**
	LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**D**

PROJECT IMPACT

Change in *v/c* due to project: **0.418** — Δ*v/c* after mitigation: **0.740**

Significant impacted? **NO** — Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	40	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	33	0	33	389	422	422	18	51	0	51	389	440	0	440	0	440	0	440
	Left-Through		1							1				1				1	
	Through	246	2	**77**	51	297	149	413	662	2	**185**	62	724	2	362	509	1233	2	558
	Through-Right		1							1				1				1	
	Right	28	0	77	809	837	**837**	0	28	0	185	809	837	0	**837**	0	837	0	**837**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	24	0	**24**	4	28	**28**	29	53	0	**53**	4	57	0	**57**	140	197	0	**197**
	Left-Through		1							1				1				1	
	Through	129	1	77	135	264	146	4	135	1	94	135	270	1	192	0	270	1	270
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	129	1	**74**	120	249	**134**	16	147	1	**90**	120	267	1	**150**	0	267	1	**150**
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	14	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	77		*North-South:*	837			*North-South:*	185			*North-South:*	837			*North-South:*	837
			East-West:	98		*East-West:*	162			*East-West:*	143			*East-West:*	207			*East-West:*	347
			SUM:	175		*SUM:*	999			*SUM:*	328			*SUM:*	1044			*SUM:*	1184
	VOLUME/CAPACITY (*V/C*) RATIO:			0.117			0.666				0.219				0.696				0.789
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.058**			**0.566**				**0.119**				**0.596**				**0.689**
	LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**B**

PROJECT IMPACT

Change in *v/c* due to project: **0.477** — Δ*v/c* after mitigation: **0.570**

Significant impacted? **NO** — Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	41	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases			2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			2		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	179	3	60	1033	1212	**357**	186	367	3	122	1033	1400	3	**444**	518	1918	3	**548**
	Through-Right		1							1				1				1	
	Right	212	1	**117**	361	573	0	244	459	1	**252**	361	820	1	0	0	820	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	65	0	65	63	128	128	7	73	0	73	63	136	0	136	0	136	0	136
	Left-Through		1							1				1				1	
	Through	410	1	**238**	279	689	**409**	103	518	1	**296**	279	797	1	**467**	0	797	2	**311**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		117	*North-South:*		357	*North-South:*			252	*North-South:*			444	*North-South:*			548
		East-West:		238	*East-West:*		409	*East-West:*			296	*East-West:*			467	*East-West:*			311
		SUM:		355	*SUM:*		766	*SUM:*			548	*SUM:*			911	*SUM:*			859
VOLUME/CAPACITY (*V/C*) RATIO:				0.237			0.511				0.365				0.607				0.573
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.137**			**0.411**				**0.265**				**0.507**				**0.473**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.242** | *Δv/c* after mitigation: **0.208**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	42	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases			2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			2		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	82	0	**82**	51	133	**133**	16	99	0	99	51	150	0	150	0	150	0	150
	Left-Through		1							1				1				1	
	Through	213	3	71	1	214	71	290	506	3	**151**	1	507	3	**164**	509	1016	3	**292**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	399	1	**245**	291	690	**442**	94	498	1	**366**	291	789	1	**568**	0	789	2	**379**
	Through-Right		1							1				1				1	
	Right	91	0	91	102	193	193	142	234	0	234	113	347	0	347	0	347	0	347
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		82	*North-South:*		133	*North-South:*			151	*North-South:*			164	*North-South:*			292
		East-West:		245	*East-West:*		442	*East-West:*			366	*East-West:*			568	*East-West:*			379
		SUM:		327	*SUM:*		575	*SUM:*			517	*SUM:*			732	*SUM:*			671
VOLUME/CAPACITY (*V/C*) RATIO:				0.218			0.383				0.345				0.488				0.447
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.118**			**0.283**				**0.245**				**0.388**				**0.347**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.143** | *Δv/c* after mitigation: **0.102**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	43	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases			2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			2		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	41	0	**41**	0	41	**41**	8	49	0	**49**	0	49	0	**49**	0	49	0	**49**
	Left-Through		1							1				1				1	
	Through	93	1	67	0	93	93	106	200	1	149	0	200	1	200	0	200	1	200
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	124	1	**92**	1671	1795	**1040**	104	229	1	**167**	1671	1900	1	**1114**	0	1900	1	**1114**
	Through-Right		1							1				1				1	
	Right	60	1	60	224	284	284	43	104	0	104	224	328	1	328	0	328	0	328
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	16	16	0	16	0	16	0	16	0	16	0	16
	Left-Through		1							1				1				1	
	Through	378	0	**208**	80	458	**248**	186	569	0	**318**	91	660	0	**363**	0	660	1	**242**
	Through-Right		1							1				1				1	
	Right	37	0	208	0	37	248	13	50	0	318	0	50	0	363	0	50	0	242
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		133	*North-South:*		1081	*North-South:*			216	*North-South:*			1163	*North-South:*			1163
		East-West:		208	*East-West:*		248	*East-West:*			318	*East-West:*			363	*East-West:*			242
		SUM:		341	*SUM:*		1329	*SUM:*			534	*SUM:*			1526	*SUM:*			1405
VOLUME/CAPACITY (*V/C*) RATIO:				0.227			0.886				0.356				1.017				0.937
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.127**			**0.786**				**0.256**				**0.917**				**0.837**
LEVEL OF SERVICE (LOS):				**A**			**C**				**A**				**E**				**D**

PROJECT IMPACT

Change in *v/c* due to project: **0.661** | *Δv/c* after mitigation: **0.581**

Significant impacted? **YES** | Fully mitigated? **NO**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	44	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases			2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			2		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	28	1	**28**	0	28	**28**	0	28	1	**28**	0	28	1	**28**	0	28	1	**28**
	Left-Through		0							0				0				0	
	Through	161	2	81	0	161	81	94	257	2	129	0	257	2	129	0	257	2	129
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	253	1	**153**	169	422	**237**	87	343	1	**202**	169	512	1	**286**	0	512	1	**286**
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	7	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	0	14	0	14	14	8	22	0	22	0	22	0	22	0	22	0	22
	Left-Through		1							1				1				1	
	Through	328	0	**178**	80	408	**226**	207	539	0	**292**	91	630	0	**345**	0	630	1	**230**
	Through-Right		1							1				1				1	
	Right	14	0	178	15	29	226	9	23	0	292	15	38	0	345	0	38	0	230
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		181	*North-South:*		265	*North-South:*			230	*North-South:*			314	*North-South:*			314
		East-West:		178	*East-West:*		226	*East-West:*			292	*East-West:*			345	*East-West:*			230
		SUM:		359	*SUM:*		491	*SUM:*			522	*SUM:*			659	*SUM:*			544
VOLUME/CAPACITY (*V/C*) RATIO:				0.239			0.327				0.348				0.439				0.363
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.139**			**0.227**				**0.248**				**0.339**				**0.263**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.091** | *Δv/c* after mitigation: **0.015**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
45	East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	31	1	31	0	31	31	4	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	163	2	82	0	163	82	94	259	2	130	0	259	2	130	0	259	2	130
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	195	1	143	2	197	144	100	297	1	202	2	299	1	203	0	299	1	203
	Through-Right		1							1				1				1	
	Right	91	0	91	0	91	91	14	106	0	106	0	106	0	106	0	106	0	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	39	0	39	0	39	39	77	116	0	116	0	116	0	116	0	116	0	116
	Left-Through		1							1				1				1	
	Through	233	0	141	94	327	188	207	443	0	293	105	548	0	345	0	548	1	230
	Through-Right		1							1				1				1	
	Right	10	0	141	0	10	188	16	26	0	293	0	26	0	345	0	26	0	230
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	174		North-South:	175		North-South:	237			North-South:	238			North-South:	238	
			East-West:	141		East-West:	188		East-West:	293			East-West:	345			East-West:	230	
			SUM:	315		SUM:	363		SUM:	530			SUM:	583			SUM:	468	
	VOLUME/CAPACITY (V/C) RATIO:			0.210			0.242			0.353				0.389				0.312	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.110			0.142			0.253				0.289				0.212	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.036 | Δv/c after mitigation: -0.041

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
46	East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	11	1	11	0	11	11	0	11	1	11	0	11	1	11	0	11	1	11
	Left-Through		0							0				0				0	
	Through	25	2	13	0	25	13	5	30	2	15	0	30	2	15	0	30	2	15
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	264	1	175	1	265	176	19	286	1	189	1	287	1	189	0	287	1	189
	Through-Right		1							1				1				1	
	Right	86	0	86	0	86	86	4	91	0	91	0	91	0	91	0	91	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	39	0	39	0	39	39	0	39	0	39	0	39	0	39	0	39	0	39
	Left-Through		1							1				1				1	
	Through	181	0	143	94	275	190	295	478	0	304	105	583	0	356	0	583	1	237
	Through-Right		1							1				1				1	
	Right	66	0	143	0	66	190	23	90	0	304	0	90	0	356	0	90	0	237
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	186		North-South:	187		North-South:	200			North-South:	200			North-South:	200	
			East-West:	143		East-West:	190		East-West:	304			East-West:	356			East-West:	237	
			SUM:	329		SUM:	377		SUM:	504			SUM:	556			SUM:	437	
	VOLUME/CAPACITY (V/C) RATIO:			0.219			0.251			0.336				0.371				0.291	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.119			0.151			0.236				0.271				0.191	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.035 | Δv/c after mitigation: -0.045

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
47	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	140	3	47	308	448	149	342	484	3	161	308	792	3	264	-118	674	3	225
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	28	1	18	244	272	140	29	57	1	33	244	301	1	155	548	849	1	429
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	47		North-South:	149		North-South:	161			North-South:	264			North-South:	225	
			East-West:	18		East-West:	140		East-West:	33			East-West:	155			East-West:	429	
			SUM:	65		SUM:	289		SUM:	194			SUM:	419			SUM:	654	
	VOLUME/CAPACITY (V/C) RATIO:			0.046			0.203			0.136				0.294				0.459	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.023			0.103			0.068				0.194				0.359	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.126 | Δv/c after mitigation: 0.291

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
48	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	92	2	51	51	143	79	0	93	2	51	51	144	2	79	0	144	2	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	118	1	118	441	559	559	56	175	1	175	441	616	1	616	335	951	1	951
	Left-Through		0							0				0				0	
	Through	130	3	43	689	819	273	137	269	3	90	689	958	3	319	183	1141	3	380
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	250	2	83	1	251	84	236	489	2	163	1	490	2	163	548	1038	2	346
	Through-Right		1							1				1				1	
	Right	50	1	50	0	50	50	17	68	1	68	0	68	1	68	0	68	1	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	169		North-South:	638		North-South:	226			North-South:	695			North-South:	1030	
			East-West:	83		East-West:	84		East-West:	163			East-West:	163			East-West:	346	
			SUM:	252		SUM:	722		SUM:	389			SUM:	858			SUM:	1376	
	VOLUME/CAPACITY (V/C) RATIO:			0.177			0.507			0.273				0.602				0.966	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.088			0.407			0.173				0.502				0.866	
	LEVEL OF SERVICE (LOS):			A			A			A				A				D	

PROJECT IMPACT

Change in v/c due to project: 0.329 | Δv/c after mitigation: 0.693

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
49	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	101	3	31	0	101	34	125	227	3	62	0	227	3	76	-39	188	3	63
	Through-Right		1							1				1				1	
	Right	22	0	22	177	199	199	0	22	0	22	177	199	0	199	0	199	0	199
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	198	1	198	53	251	251	181	381	1	381	53	434	1	434	548	982	1	982
	Left-Through		0							0				0				0	
	Through	265	2	133	441	706	353	112	380	2	190	441	821	2	411	335	1156	2	578
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		31	North-South:		199	North-South:			62	North-South:			199	North-South:			199
		East-West:		198	East-West:		353	East-West:			381	East-West:			434	East-West:			982
		SUM:		229	SUM:		552	SUM:			443	SUM:			633	SUM:			1181
VOLUME/CAPACITY (V/C) RATIO:				0.153			0.368				0.295				0.422				0.787
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.076			0.268				0.195				0.322				0.687
LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.127 Δv/c after mitigation: 0.492

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
50	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	108	1	63	0	108	63	102	211	1	115	0	211	1	115	0	211	1	115
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	0	29	1028	1057	1057	13	42	0	42	1028	1070	0	1070	0	1070	0	1070
	Left-Through		1							1				1				1	
	Through	107	1	68	643	750	750	107	215	1	129	643	858	1	858	0	858	1	858
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	20	1	20	0	20	20	12	32	1	32	0	32	1	32	0	32	0	32
	Left-Through		0							0				0				1	
	Through	251	1	136	617	868	445	100	354	1	188	617	971	1	496	335	1306	1	453
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	0	21	0	21	0	21	0	21	0	21	0	453
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		92	North-South:		1120	North-South:			157	North-South:			1185	North-South:			1185
		East-West:		136	East-West:		445	East-West:			188	East-West:			496	East-West:			453
		SUM:		228	SUM:		1565	SUM:			345	SUM:			1681	SUM:			1638
VOLUME/CAPACITY (V/C) RATIO:				0.152			1.043				0.230				1.121				1.092
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.076			0.943				0.130				1.021				0.992
LEVEL OF SERVICE (LOS):				A			E				A				F				E

PROJECT IMPACT

Change in v/c due to project: 0.891 Δv/c after mitigation: 0.862

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
51	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	168	1	94	0	168	94	94	264	1	144	0	264	1	144	0	264	1	144
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	3	23	0	23	0	23	0	23	0	23	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	1	31	135	166	166	9	40	1	40	135	175	1	175	0	175	1	175
	Left-Through		0							0				0				0	
	Through	237	2	119	33	270	135	87	327	2	164	33	360	2	180	0	360	2	180
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	0	22
	Left-Through		0							0				1				1	
	Through	265	1	137	1646	1911	960	97	365	1	194	1646	2011	1	1017	335	2346	1	797
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	15	23	0	23	0	23	0	23	0	23	0	797
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		125	North-South:		260	North-South:			184	North-South:			319	North-South:			319
		East-West:		137	East-West:		960	East-West:			194	East-West:			1017	East-West:			797
		SUM:		262	SUM:		1220	SUM:			378	SUM:			1336	SUM:			1116
VOLUME/CAPACITY (V/C) RATIO:				0.175			0.813				0.252				0.891				0.744
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.087			0.713				0.152				0.791				0.644
LEVEL OF SERVICE (LOS):				A			C				A				C				B

PROJECT IMPACT

Change in v/c due to project: 0.639 Δv/c after mitigation: 0.492

Significant impacted? YES Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
52	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	178	1	129	0	178	129	85	265	1	237	0	265	1	237	0	265	1	237
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	129	209	0	209	0	209	0	209	0	209	0	209
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	48	1	48	0	48	48	14	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	188	2	94	2	190	95	163	353	2	177	2	355	2	178	0	355	2	178
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	18	0	18	0	18	18	12	30	0	30	0	30	0	30	0	30	0	30
	Left-Through		0							1				1				1	
	Through	220	1	119	1781	2001	1010	89	312	1	171	1781	2093	1	1062	335	2428	1	1229
	Through-Right		1							0				0				0	
	Right	28	1	28	0	28	28	7	35	1	35	0	35	1	35	0	35	1	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		177	North-South:		177	North-South:			300	North-South:			300	North-South:			300
		East-West:		119	East-West:		1010	East-West:			171	East-West:			1062	East-West:			1229
		SUM:		296	SUM:		1187	SUM:			471	SUM:			1362	SUM:			1529
VOLUME/CAPACITY (V/C) RATIO:				0.197			0.791				0.314				0.908				1.019
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.099			0.691				0.214				0.808				0.919
LEVEL OF SERVICE (LOS):				A			B				A				D				E

PROJECT IMPACT

Change in v/c due to project: 0.594 Δv/c after mitigation: 0.705

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	53	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	73	1	40	0	73	40	3	77	1	42	0	77	1	42	0	77	1	42
	Through-Right		1							1				1				1	
	Right	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	141	2	71	1	142	71	0	143	2	72	1	144	2	72	0	144	2	72
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	316	1	316	1781	2097	2097	231	551	1	551	1781	2332	1	2332	335	2667	2	1467
	Left-Through		0							0				0				0	
	Through	21	1	19	0	21	19	0	21	1	19	0	21	1	19	0	21	1	19
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		71	North-South:		71	North-South:			72	North-South:			72	North-South:			72
		East-West:		316	East-West:		2097	East-West:			551	East-West:			2332	East-West:			1467
		SUM:		387	SUM:		2168	SUM:			623	SUM:			2404	SUM:			1539
VOLUME/CAPACITY (v/c) RATIO:				0.258			1.445				0.415				1.603				1.026
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.158			1.345				0.315				1.503				0.926
LEVEL OF SERVICE (LOS):				A			F				A				F				E

PROJECT IMPACT

Change in v/c due to project: 1.188 | Δv/c after mitigation: 0.611

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	54	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	83	1	83	10	93	93	5	89	1	89	10	99	1	99	0	99	1	99
	Left-Through		0							0				0				0	
	Through	638	3	171	18	656	176	441	1087	3	293	18	1105	3	298	39	1144	3	298
	Through-Right		1							1				1				1	
	Right	46	0	46	0	46	46	39	86	0	86	0	86	0	86	-39	47	0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	53	1	53	29	82	82	0	54	1	54	29	83	1	83	0	83	1	83
	Left-Through		0							0				0				0	
	Through	367	1	239	40	407	343	6	377	1	248	40	417	1	352	0	417	1	352
	Through-Right		1							1				1				1	
	Right	110	0	110	169	279	279	7	118	0	118	169	287	0	287	0	287	0	287
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	66	1	66	1	67	67	16	83	1	83	1	84	1	84	0	84	1	84
	Left-Through		0							0				0				0	
	Through	234	2	97	0	234	97	33	270	2	110	0	270	2	110	0	270	2	110
	Through-Right		1							1				1				1	
	Right	57	0	57	0	57	57	2	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	80	1	80	55	135	135	27	108	1	108	55	163	1	163	0	163	1	163
	Left-Through		0							0				0				0	
	Through	376	2	148	619	995	356	60	441	2	173	619	1060	2	381	65	1125	3	375
	Through-Right		1							1				1				0	
	Right	68	0	68	5	73	73	8	77	0	77	5	82	0	82	0	82	1	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		322	North-South:		436	North-South:			347	North-South:			451	North-South:			451
		East-West:		214	East-West:		423	East-West:			256	East-West:			465	East-West:			459
		SUM:		536	SUM:		859	SUM:			603	SUM:			916	SUM:			910
VOLUME/CAPACITY (v/c) RATIO:				0.390			0.625				0.439				0.666				0.662
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.290			0.525				0.339				0.566				0.562
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.227 | Δv/c after mitigation: 0.223

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	55	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	10	1	10	7	17	17	4	14	1	14	7	21	1	21	0	21	1	21
	Left-Through		0							0				0				0	
	Through	94	2	47	236	330	147	318	413	2	160	236	649	2	260	-118	531	2	221
	Through-Right		1							1				1				1	
	Right	47	0	47	65	112	112	19	67	0	67	65	132	0	132	0	132	0	132
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	319	2	160	17	336	168	67	390	2	195	17	407	2	204	-39	368	2	184
	Through-Right		0							0				0				0	
	Right	5	1	5	12	17	17	6	11	1	11	12	23	1	23	0	23	1	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	134	134	0	0	0	0	0	134	134	0	0	0	134	0	0
	Left-Through		0							0				0				0	
	Through	463	2	232	615	1078	539	76	545	2	273	615	1160	2	580	65	1225	2	613
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		47	North-South:		147	North-South:			160	North-South:			260	North-South:			221
		East-West:		232	East-West:		539	East-West:			273	East-West:			580	East-West:			613
		SUM:		279	SUM:		686	SUM:			433	SUM:			840	SUM:			834
VOLUME/CAPACITY (v/c) RATIO:				0.186			0.457				0.289				0.560				0.556
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.093			0.357				0.189				0.460				0.456
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.271 | Δv/c after mitigation: 0.267

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	56	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	29	1	29	11	40	40	0	29	1	29	11	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	69	0	86	51	120	137	0	70	0	88	51	121	0	139	0	121	0	139
	Through-Right		1							1				1				1	
	Right	17	0	0	0	17	0	1	18	0	0	0	18	0	0	0	18	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	24	1	24	80	104	104	16	40	1	40	80	120	1	120	0	120	1	120
	Left-Through		0							0				0				0	
	Through	118	2	59	297	415	208	125	244	2	122	297	541	2	271	118	659	2	330
	Through-Right		0							0				0				0	
	Right	37	1	37	321	358	358	12	49	1	49	321	370	1	370	65	435	1	435
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	310	1	163	24	334	175	71	385	1	201	24	409	1	213	0	409	1	213
	Through-Right		1							1				1				1	
	Right	16	0	16	0	16	16	0	16	0	16	0	16	0	16	0	16	0	16
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	15	1	15	0	15	15	3	18	1	18	0	18	1	18	0	18	1	18
	Left-Through		0							0				0				0	
	Through	364	1	187	417	781	395	64	432	1	221	417	849	1	429	-39	810	1	410
	Through-Right		1							1				1				1	
	Right	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		110	North-South:		398	North-South:			151	North-South:			410	North-South:			475
		East-West:		187	East-West:		395	East-West:			221	East-West:			429	East-West:			410
		SUM:		297	SUM:		793	SUM:			372	SUM:			839	SUM:			885
VOLUME/CAPACITY (v/c) RATIO:				0.208			0.556				0.261				0.589				0.621
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.108			0.456				0.161				0.489				0.521
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.328 | Δv/c after mitigation: 0.360

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	57	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	12	0	12	185	197	**197**	12	24	0	24	185	209	0	209	0	209	0	209
	Left-Through		1							1				1				1	
	Through	40	1	**18**	177	217	171	111	151	1	**59**	177	328	1	**212**	0	328	1	**212**
	Through-Right		1							1				1				1	
	Right	3	0	18	96	99	171	0	3	0	59	96	99	0	212	0	99	0	212
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	32	1	**32**	0	32	**32**	13	45	1	**45**	0	45	1	**45**	-39	6	1	**6**
	Left-Through		0							0				0				0	
	Through	322	1	163	105	427	215	77	403	1	203	105	508	1	256	0	508	1	256
	Through-Right		1							1				1				1	
	Right	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	369	1	**210**	217	586	**319**	67	440	1	**247**	217	657	1	**356**	0	657	1	**356**
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	2	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		18	North-South:		197	North-South:			59	North-South:			212	North-South:			212
		East-West:		242	East-West:		351	East-West:			292	East-West:			401	East-West:			362
		SUM:		260	SUM:		548	SUM:			351	SUM:			613	SUM:			574
VOLUME/CAPACITY (V/C) RATIO:				0.182			0.385				0.246				0.430				0.403
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.091			0.285				0.146				0.330				0.303
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.184 | Δv/c after mitigation: 0.157

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	58	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	**3**	0	3	1	**3**
	Left-Through		0							0				0				0	
	Through	89	1	**51**	0	89	**51**	79	169	1	**91**	0	169	1	91	0	169	1	91
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	0	13	0	13	0	13	0	13	0	13	0	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	24	1	**24**	204	228	**228**	6	30	1	**30**	204	234	1	234	0	234	1	234
	Left-Through		0							0				0				0	
	Through	96	1	56	228	324	275	89	186	1	106	228	414	1	**326**	0	414	1	**326**
	Through-Right		1							1				1				1	
	Right	15	0	15	211	226	226	11	26	0	26	211	237	0	237	0	237	0	237
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	7	1	**7**	0	7	**7**	8	15	1	**15**	0	15	1	**15**	0	15	1	**15**
	Left-Through		0							0				0				0	
	Through	76	1	39	202	278	140	69	146	1	74	202	348	1	175	0	348	1	175
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	12	1	12	0	12	12	0	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	268	1	**150**	5	273	**152**	57	328	1	**187**	5	333	1	**190**	0	333	1	**190**
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	15	46	0	46	0	46	0	46	0	46	0	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		75	North-South:		279	North-South:			121	North-South:			329	North-South:			329
		East-West:		157	East-West:		159	East-West:			202	East-West:			205	East-West:			205
		SUM:		232	SUM:		438	SUM:			323	SUM:			534	SUM:			534
VOLUME/CAPACITY (V/C) RATIO:				0.163			0.307				0.227				0.375				0.375
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.081			0.207				0.127				0.275				0.275
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.148 | Δv/c after mitigation: 0.148

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	59	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	141	1	**88**	0	141	**88**	89	232	1	**138**	0	232	1	**138**	0	232	1	**138**
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	9	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	41	1	**41**	3	44	**44**	24	65	1	**65**	3	68	1	**68**	0	68	1	**68**
	Left-Through		0							0				0				0	
	Through	176	1	98	30	206	113	79	257	1	139	30	287	1	154	0	287	1	154
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	0	20	0	20	0	20	0	20	0	20	0	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	7	1	**7**	0	7	7	3	10	1	**10**	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	108	1	56	406	514	**259**	73	182	1	93	406	588	1	**296**	0	588	1	**296**
	Through-Right		1							1				1				1	
	Right	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	18	1	18	0	18	**18**	5	23	1	23	0	23	1	**23**	0	23	1	**23**
	Left-Through		0							0				0				0	
	Through	280	1	**155**	5	285	157	72	355	1	**194**	5	360	1	197	0	360	1	197
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	4	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		129	North-South:		132	North-South:			203	North-South:			206	North-South:			206
		East-West:		162	East-West:		277	East-West:			204	East-West:			319	East-West:			319
		SUM:		291	SUM:		409	SUM:			407	SUM:			525	SUM:			525
VOLUME/CAPACITY (V/C) RATIO:				0.204			0.287				0.286				0.368				0.368
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.104			0.187				0.186				0.268				0.268
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.082 | Δv/c after mitigation: 0.082

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	60	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	35	1	35	0	35	35	0	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	212	1	**125**	0	212	**125**	205	420	1	**236**	0	420	1	**236**	0	420	1	**236**
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	15	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	27	1	**27**	2	29	**29**	11	38	1	**38**	2	40	1	**40**	0	40	1	**40**
	Left-Through		0							0				0				0	
	Through	167	1	98	0	167	98	157	326	1	178	0	326	1	178	0	326	1	178
	Through-Right		1							1				1				1	
	Right	28	0	28	0	28	28	2	30	0	30	0	30	0	30	0	30	0	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	10	1	**10**	0	10	10	3	13	1	**13**	0	13	1	13	0	13	1	13
	Left-Through		0							0				0				0	
	Through	321	1	171	409	730	**375**	103	428	1	224	409	837	1	**429**	0	837	1	**429**
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	0	20	0	20	0	20	0	20	0	20	0	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	1	24	0	24	**24**	0	24	1	24	0	24	1	**24**	0	24	1	**24**
	Left-Through		0							0				0				0	
	Through	346	1	**194**	5	351	196	78	428	1	**238**	5	433	1	240	0	433	1	240
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	6	47	0	47	0	47	0	47	0	47	0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		152	North-South:		154	North-South:			274	North-South:			276	North-South:			276
		East-West:		204	East-West:		399	East-West:			251	East-West:			453	East-West:			453
		SUM:		356	SUM:		553	SUM:			525	SUM:			729	SUM:			729
VOLUME/CAPACITY (V/C) RATIO:				0.250			0.388				0.368				0.512				0.512
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.150			0.288				0.268				0.412				0.412
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.144 | Δv/c after mitigation: 0.144

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	61	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through		1							1				1				1	
	Through	25	0	19	0	25	19	0	25	0	19	0	25	0	19	0	25	0	19
	Through-Right		1							1				1				1	
	Right	11	0	19	0	11	19	0	11	0	19	0	11	0	19	0	11	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	39	0	39	1	40	40	0	39	0	39	1	40	0	40	0	40	0	40
	Left-Through		1							1				1				1	
	Through	48	0	64	0	48	65	0	49	0	65	0	49	0	65	0	49	0	65
	Through-Right		1							1				1				1	
	Right	41	0	64	0	41	65	0	41	0	65	0	41	0	65	0	41	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	16	1	16	0	16	16	3	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	235	1	119	411	646	324	68	306	1	154	411	717	1	360	0	717	1	360
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	4	1	4	0	4	4	0	4	1	4	0	4	1	4	0	4	1	4
	Left-Through		0							0				0				0	
	Through	302	1	166	5	307	168	71	377	1	203	5	382	1	206	0	382	1	206
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		66	North-South:		67	North-South:			67	North-South:			67	North-South:			67
		East-West:		182	East-West:		328	East-West:			222	East-West:			364	East-West:			364
		SUM:		248	SUM:		395	SUM:			289	SUM:			431	SUM:			431
VOLUME/CAPACITY (V/C) RATIO:				0.174			0.277				0.203				0.302				0.302
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.087			0.177				0.103				0.202				0.202
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.099 | Δv/c after mitigation: 0.099

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	62	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	59	1	59	0	59	59	13	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	364	1	196	0	364	196	0	368	1	201	0	368	1	201	0	368	1	201
	Through-Right		1							1				1				1	
	Right	28	0	28	0	28	28	5	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	52	1	52	0	52	52	0	53	1	53	0	53	1	53	0	53	1	53
	Left-Through		0							0				0				0	
	Through	422	1	233	0	422	233	0	427	1	236	0	427	1	236	0	427	1	236
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	87	1	87	0	87	87	0	88	1	88	0	88	1	88	0	88	1	88
	Left-Through		0							0				0				0	
	Through	267	1	161	412	679	367	62	332	1	198	412	744	1	404	0	744	1	404
	Through-Right		1							1				1				1	
	Right	54	0	54	0	54	54	8	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	48	1	48	0	48	48	0	49	1	49	0	49	1	49	0	49	1	49
	Left-Through		0							0				0				0	
	Through	255	1	144	5	260	146	61	319	1	176	5	324	1	178	0	324	1	178
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		292	North-South:		292	North-South:			309	North-South:			309	North-South:			309
		East-West:		231	East-West:		415	East-West:			264	East-West:			453	East-West:			453
		SUM:		523	SUM:		707	SUM:			573	SUM:			762	SUM:			762
VOLUME/CAPACITY (V/C) RATIO:				0.367			0.496				0.402				0.535				0.535
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.267			0.396				0.302				0.435				0.435
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.133 | Δv/c after mitigation: 0.133

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	63	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	130	1	130	0	130	130	10	142	1	142	0	142	1	142	0	142	1	142
	Left-Through		0							0				0				0	
	Through	712	2	261	3	715	262	475	1196	2	424	3	1199	2	425	0	1199	2	425
	Through-Right		1							1				1				1	
	Right	70	0	70	0	70	70	6	77	0	77	0	77	0	77	0	77	0	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	82	1	82	0	82	82	0	83	1	83	0	83	1	83	0	83	1	83
	Left-Through		0							0				0				0	
	Through	566	2	283	155	721	361	121	694	2	347	155	849	2	425	0	849	2	425
	Through-Right		0							0				0				0	
	Right	72	1	0	0	72	0	0	73	1	0	0	73	1	0	0	73	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	94	1	94	0	94	94	0	95	1	95	0	95	1	95	0	95	1	95
	Left-Through		0							0				0				0	
	Through	225	1	225	0	225	225	9	237	1	237	0	237	1	237	0	237	1	237
	Through-Right		0							0				0				0	
	Right	135	1	70	0	135	70	5	142	1	71	0	142	1	71	0	142	1	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	115	1	115	0	115	115	51	167	1	167	0	167	1	167	0	167	1	167
	Left-Through		0							0				0				0	
	Through	547	2	274	0	547	274	8	562	2	281	0	562	2	281	0	562	2	281
	Through-Right		0							0				0				0	
	Right	237	1	155	12	249	167	23	263	1	180	12	275	1	192	0	275	1	192
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		413	North-South:		491	North-South:			507	North-South:			567	North-South:			567
		East-West:		368	East-West:		368	East-West:			404	East-West:			404	East-West:			404
		SUM:		781	SUM:		859	SUM:			911	SUM:			971	SUM:			971
VOLUME/CAPACITY (V/C) RATIO:				0.568			0.625				0.663				0.706				0.706
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.468			0.525				0.563				0.606				0.606
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.043 | Δv/c after mitigation: 0.043

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	64	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	109	2	45	691	800	276	335	445	2	164	691	1136	2	395	-118	1018	2	355
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	21	48	0	48	0	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	254	1	194	0	254	194	15	272	1	204	0	272	1	204	0	272	1	204
	Through-Right		1							1				1				1	
	Right	134	0	134	0	134	134	0	136	0	136	0	136	0	136	0	136	0	136
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	1	0	102	102	102	0	0	1	0	102	102	1	102	118	220	1	220
	Left-Through		0							0				0				0	
	Through	877	2	292	12	889	297	61	949	2	316	12	961	2	320	0	961	2	320
	Through-Right		1							1				1				1	
	Right	0	0	0	2	2	2	12	12	1	12	2	14	1	14	0	14	1	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		45	North-South:		276	North-South:			164	North-South:			395	North-South:			355
		East-West:		292	East-West:		297	East-West:			316	East-West:			320	East-West:			424
		SUM:		337	SUM:		573	SUM:			480	SUM:			715	SUM:			779
VOLUME/CAPACITY (V/C) RATIO:				0.225			0.382				0.349				0.520				0.567
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.125			0.282				0.249				0.420				0.467
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.171 | Δv/c after mitigation: 0.218

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	65	North-South Street:	I-110 NB Off General	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	320	1	243	12	332	249	17	341	1	285	12	353	1	291	0	353	1	291
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	166	0	243	0	166	249	61	229	0	285	0	229	0	291	0	229	0	291
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				0	
SOUTHBOUND	Left	220	1	139	2	222	140	12	235	2	99	2	237	2	100	0	237	2	100
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	57	0	139	0	57	140	5	63	0	99	0	63	0	100	0	63	0	100
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	244	2	122	0	244	122	21	268	2	134	0	268	2	134	0	268	2	134
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	346	2	173	102	448	224	44	394	2	197	102	496	2	248	118	614	2	307
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	382		North-South:	389		North-South:		384		North-South:		391		North-South:		391
			East-West:	173		East-West:	224		East-West:		197		East-West:		248		East-West:		307
			SUM:	555		SUM:	613		SUM:		581		SUM:		639		SUM:		698
	VOLUME/CAPACITY (V/C) RATIO:			0.389			0.430				0.408				0.448				0.490
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.289			0.330				0.308				0.348				0.390
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.040 Δv/c after mitigation: 0.082

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	66	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	14	1	14	0	14	14	0	14	1	14	0	14	1	14	0	14	1	14
	Left-Through		0							0				0				0	
	Through	36	1	36	0	36	36	0	36	1	36	0	36	1	36	0	36	1	36
	Through-Right		0							0				0				0	
	Right	21	1	7	0	21	7	0	21	1	7	0	21	1	7	0	21	1	7
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	1	29	0	29	29	0	29	1	29	0	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	88	1	58	166	254	160	122	211	1	120	166	377	1	221	0	377	1	280
	Through-Right		1							1				1				1	
	Right	28	0	28	37	65	65	0	28	0	28	37	65	0	65	118	183	0	183
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	405	1	217	0	405	217	82	492	1	260	0	492	1	260	0	492	1	260
	Through-Right		1							1				1				1	
	Right	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	29	1	29	0	29	29	0	29	1	29	0	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	299	1	159	65	364	191	44	347	1	183	65	412	1	215	0	412	1	215
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	72		North-South:	174		North-South:		134		North-South:		235		North-South:		294
			East-West:	246		East-West:	246		East-West:		289		East-West:		289		East-West:		289
			SUM:	318		SUM:	420		SUM:		423		SUM:		524		SUM:		583
	VOLUME/CAPACITY (V/C) RATIO:			0.212			0.280				0.282				0.349				0.389
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.112			0.180				0.182				0.249				0.289
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.067 Δv/c after mitigation: 0.107

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	67	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	18	1	18	0	18	18	0	18	1	18	0	18	1	18	0	18	1	18
	Left-Through		0							0				0				0	
	Through	75	1	45	0	75	45	116	192	1	104	0	192	1	104	0	192	1	104
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	15	1	15	0	15	15	0	15	1	15	0	15	1	15	0	15	1	15
	Left-Through		0							0				0				0	
	Through	72	1	43	84	156	102	79	152	1	83	84	236	1	142	0	236	1	142
	Through-Right		1							1				1				1	
	Right	13	0	13	35	48	48	0	13	0	13	35	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	40	1	40	0	40	40	15	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	395	1	203	0	395	203	67	467	1	239	0	467	1	239	0	467	1	239
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	11	1	11	0	11	11	0	11	1	11	0	11	1	11	0	11	1	11
	Left-Through		0							0				0				0	
	Through	315	1	168	30	345	183	44	363	1	192	30	393	1	207	0	393	1	207
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	0	21	0	21	0	21	0	21	0	21	0	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	61		North-South:	120		North-South:		119		North-South:		160		North-South:		160
			East-West:	214		East-West:	223		East-West:		250		East-West:		262		East-West:		262
			SUM:	275		SUM:	343		SUM:		369		SUM:		422		SUM:		422
	VOLUME/CAPACITY (V/C) RATIO:			0.183			0.229				0.246				0.281				0.281
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.092			0.129				0.146				0.181				0.181
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.035 Δv/c after mitigation: 0.035

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	68	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	24	1	24	0	24	24	0	24	1	24	0	24	1	24	0	24	1	24
	Left-Through		0							0				0				0	
	Through	127	1	69	0	127	69	101	230	1	121	0	230	1	121	0	230	1	121
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	18	1	18	0	18	18	0	18	1	18	0	18	1	18	0	18	1	18
	Left-Through		0							0				0				0	
	Through	179	1	103	-1	178	118	73	254	1	145	-1	253	1	160	0	253	1	160
	Through-Right		1							1				1				1	
	Right	27	0	27	30	57	57	9	36	0	36	30	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	1	34	0	34	34	2	36	1	36	0	36	1	36	0	36	1	36
	Left-Through		0							0				0				0	
	Through	389	1	205	0	389	205	65	459	1	240	0	459	1	240	0	459	1	240
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	0	20	0	20	0	20	0	20	0	20	0	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	19	1	19	0	19	19	0	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	275	1	147	0	275	147	35	313	1	166	0	313	1	166	0	313	1	166
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	127		North-South:	142		North-South:		169		North-South:		184		North-South:		184
			East-West:	224		East-West:	224		East-West:		259		East-West:		259		East-West:		259
			SUM:	351		SUM:	366		SUM:		428		SUM:		443		SUM:		443
	VOLUME/CAPACITY (V/C) RATIO:			0.234			0.244				0.285				0.295				0.295
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.134			0.144				0.185				0.195				0.195
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.010 Δv/c after mitigation: 0.010

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	69	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	28	1	28	0	28	28	0	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	258	1	148	0	258	148	202	463	1	251	0	463	1	251	0	463	1	251
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	0	38	0	38	0	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	13	1	13	0	13	13	0	13	1	13	0	13	1	13	0	13	1	13
	Left-Through		0							0				0				0	
	Through	203	1	116	0	203	116	153	358	1	195	0	358	1	195	0	358	1	195
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	2	31	0	31	0	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	35	1	35	0	35	35	17	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	348	1	188	0	348	188	48	400	1	214	0	400	1	214	0	400	1	214
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	0	27	0	27	0	27	0	27	0	27	0	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	279	1	152	0	279	152	33	315	1	170	0	315	1	170	0	315	1	170
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		161	North-South:		161	North-South:			264	North-South:			264	North-South:			264
		East-West:		225	East-West:		225	East-West:			251	East-West:			251	East-West:			251
		SUM:		386	SUM:		386	SUM:			515	SUM:			515	SUM:			515
	VOLUME/CAPACITY (V/C) RATIO:			0.281			0.281				0.375				0.375				0.476
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.181			0.181				0.275				0.275				0.376
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	70	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Jefferson	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	1	23	0	23	23	5	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	168	2	62	479	647	221	264	434	2	168	479	913	2	328	0	913	2	328
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	54	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	294	2	147	0	294	147	167	465	2	233	0	465	2	233	0	465	2	233
	Through-Right		0							0				0				0	
	Right	175	1	175	0	175	175	57	234	1	234	0	234	1	234	0	234	1	234
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	48	1	48	44	92	92	0	49	1	49	44	93	1	93	0	93	1	93
	Left-Through		0							0				0				0	
	Through	392	2	196	9	401	201	108	505	2	253	9	514	2	257	0	514	2	257
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		62	North-South:		221	North-South:			168	North-South:			328	North-South:			328
		East-West:		223	East-West:		267	East-West:			283	East-West:			327	East-West:			327
		SUM:		285	SUM:		488	SUM:			451	SUM:			655	SUM:			655
	VOLUME/CAPACITY (V/C) RATIO:			0.200			0.342				0.328				0.476				0.476
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.100			0.242				0.228				0.376				0.376
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.148 | Δv/c after mitigation: 0.148
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	71	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Exposition	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	99	1	99	0	99	99	0	100	1	100	0	100	1	100	0	100	1	100
	Left-Through		0							0				0				0	
	Through	483	3	130	3	486	130	330	819	3	216	3	822	3	216	0	822	3	216
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	8	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	253	1	253	0	253	253	96	352	1	352	0	352	1	352	0	352	1	352
	Left-Through		0							0				0				0	
	Through	494	2	247	163	657	329	117	617	1	309	163	780	1	390	0	780	1	390
	Through-Right		0							1				1				1	
	Right	61	1	16	0	61	16	0	62	1	17	0	62	1	17	0	62	1	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	81	2	45	0	81	45	0	82	2	45	0	82	2	45	0	82	2	45
	Left-Through		0							0				0				0	
	Through	275	3	92	0	275	92	17	295	3	98	0	295	3	98	0	295	3	98
	Through-Right		0							0				0				0	
	Right	52	1	0	0	52	0	0	53	1	0	0	53	1	0	0	53	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	20	1	20	14	34	34	6	26	1	26	14	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	268	2	134	0	268	134	19	290	2	145	0	290	2	145	0	290	2	145
	Through-Right		0							0				0				0	
	Right	192	1	66	1	193	67	35	229	1	53	1	230	1	54	0	230	1	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		383	North-South:		428	North-South:			568	North-South:			568	North-South:			568
		East-West:		179	East-West:		179	East-West:			190	East-West:			190	East-West:			190
		SUM:		562	SUM:		607	SUM:			758	SUM:			758	SUM:			758
	VOLUME/CAPACITY (V/C) RATIO:			0.409			0.441				0.551				0.551				0.551
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.309			0.341				0.451				0.451				0.451
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	72	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	61	2	34	0	61	34	0	62	2	34	0	62	2	34	0	62	2	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	351	2	193	404	755	415	57	412	2	227	404	816	2	449	0	816	2	449
	Left-Through		0							0				0				0	
	Through	73	2	37	104	177	89	256	330	2	165	104	434	2	217	0	434	2	217
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	539	4	115	0	539	115	121	667	4	140	0	667	4	140	0	667	4	140
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		227	North-South:		449	North-South:			261	North-South:			483	North-South:			483
		East-West:		115	East-West:		115	East-West:			140	East-West:			140	East-West:			140
		SUM:		342	SUM:		564	SUM:			401	SUM:			623	SUM:			623
	VOLUME/CAPACITY (V/C) RATIO:			0.240			0.396				0.281				0.437				0.437
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.140			0.296				0.181				0.337				0.337
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.156 | Δv/c after mitigation: 0.156
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	I-110 NB Off- Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
73	East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	283	2	103	1	284	103	45	331	2	119	1	332	2	119	0	332	2	119
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	0	25	0	25	0	25	0	25	0	25	0	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	397	2	218	0	397	218	78	480	2	264	0	480	2	264	0	480	2	264
	Left-Through		0							0				0				0	
	Through	101	2	51	0	101	51	1	103	2	52	0	103	2	52	0	103	2	52
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	86	1	86	0	86	86	1	88	1	88	0	88	1	88	0	88	1	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	103		North-South:	103		North-South:		119		North-South:		119		North-South:		119
			East-West:	304		East-West:	304		East-West:		352		East-West:		352		East-West:		352
			SUM:	407		SUM:	407		SUM:		471		SUM:		471		SUM:		471
	VOLUME/CAPACITY (V/C) RATIO:			0.286			0.286				0.331				0.331				0.331
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.186			0.186				0.231				0.231				0.231
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
74	East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	68	1	34	0	68	34	116	185	1	93	0	185	1	93	0	185	1	93
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	61	1	35	84	145	77	79	141	1	75	84	225	1	117	0	225	1	117
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
	Left-Through		1							1				1				1	
	Through	33	0	50	0	33	50	1	34	0	51	0	34	0	51	0	34	0	51
	Through-Right		0							0				0				0	
	Right	19	1	14	0	19	14	0	19	1	14	0	19	1	14	0	19	1	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
	Left-Through		0							0				0				0	
	Through	9	0	20	0	9	20	1	10	0	21	0	10	0	21	0	10	0	21
	Through-Right		0							0				0				0	
	Right	7	0	0	0	7	0	0	7	0	0	0	7	0	0	0	7	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	45		North-South:	87		North-South:		96		North-South:		127		North-South:		127
			East-West:	54		East-West:	54		East-West:		55		East-West:		55		East-West:		55
			SUM:	99		SUM:	141		SUM:		151		SUM:		182		SUM:		182
	VOLUME/CAPACITY (V/C) RATIO:			0.066			0.094				0.101				0.121				0.121
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.033			0.047				0.050				0.061				0.061
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.011 | Δv/c after mitigation: 0.011
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
75	East-West Street:	37th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	3	1	3	0	3	3	1	4	1	4	0	4	1	4	0	4	1	4
	Left-Through		0							0				0				0	
	Through	151	1	76	0	151	76	104	257	1	129	0	257	1	129	0	257	1	129
	Through-Right		1							1				1				1	
	Right	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Left-Through		0							0				0				0	
	Through	224	1	113	-1	223	113	85	312	1	157	-1	311	1	157	0	311	1	157
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
	Left-Through		0							0				0				0	
	Through	15	0	31	0	15	31	0	15	0	32	0	15	0	32	0	15	0	32
	Through-Right		0							0				0				0	
	Right	12	0	0	0	12	0	1	13	0	0	0	13	0	0	0	13	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
	Through-Right		0							0				0				0	
	Right	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	116		North-South:	116		North-South:		161		North-South:		161		North-South:		161
			East-West:	31		East-West:	31		East-West:		32		East-West:		32		East-West:		32
			SUM:	147		SUM:	147		SUM:		193		SUM:		193		SUM:		193
	VOLUME/CAPACITY (V/C) RATIO:			0.098			0.098				0.129				0.129				0.129
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.049			0.049				0.064				0.064				0.064
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
76	East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	20	2	11	0	20	11	0	20	2	11	0	20	2	11	0	20	2	11
	Left-Through		0							0				0				0	
	Through	373	2	140	2	375	141	317	694	2	247	2	696	2	248	0	696	2	248
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	0	48	0	48	0	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	46	2	25	0	46	25	28	75	2	41	0	75	2	41	0	75	2	41
	Left-Through		0							0				0				0	
	Through	368	2	127	178	546	187	95	467	2	160	178	645	2	220	0	645	2	220
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	168	1	92	0	168	92	0	170	1	94	0	170	1	94	0	170	1	94
	Left-Through		1							1				1				1	
	Through	44	1	64	0	44	64	0	45	1	65	0	45	0	65	0	45	0	65
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	0	20	0	20	0	20	0	20	0	20	0	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	65	1	36	0	65	36	0	66	1	36	0	66	1	36	0	66	1	36
	Left-Through		1							1				1				1	
	Through	15	0	139	0	15	140	0	15	0	157	0	15	0	158	0	15	0	158
	Through-Right		1							1				1				1	
	Right	124	0	124	1	125	125	17	142	0	142	1	143	0	143	0	143	0	143
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	165		North-South:	198		North-South:		288		North-South:		289		North-South:		289
			East-West:	231		East-West:	232		East-West:		251		East-West:		252		East-West:		252
			SUM:	396		SUM:	430		SUM:		539		SUM:		541		SUM:		541
	VOLUME/CAPACITY (V/C) RATIO:			0.288			0.313				0.392				0.393				0.393
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.188			0.213				0.292				0.293				0.293
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	77	North-South Street:	I-110 SB HOV Off Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	111	0	111	1	112	112	17	129	0	129	1	130	0	130	0	130	0	130
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	26	0	137	0	26	138	0	26	0	155	0	26	0	156	0	26	0	156
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	77	2	39	0	77	39	0	78	2	39	0	78	2	39	0	78	2	39
	Through-Right		0							0				0				0	
	Right	89	1	89	104	193	193	28	118	1	118	104	222	1	222	0	222	1	222
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	39	1	39	151	190	190	0	39	1	39	151	190	1	190	0	190	1	190
	Left-Through		0							0				0				0	
	Through	60	2	30	0	60	30	0	61	2	31	0	61	2	31	0	61	2	31
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		137	North-South:		138	North-South:			155	North-South:			156	North-South:			156
		East-West:		128	East-West:		383	East-West:			157	East-West:			412	East-West:			412
		SUM:		265	SUM:		521	SUM:			312	SUM:			568	SUM:			568
	VOLUME/CAPACITY (V/C) RATIO:			0.177			0.347				0.208				0.379				0.379
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.088			0.247				0.108				0.279				0.279
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.171 | Δv/c after mitigation: 0.171
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	78	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	71	1	71	0	71	71	2	74	1	74	0	74	1	74	0	74	1	74
	Left-Through		0							0				0				0	
	Through	248	3	83	0	248	83	292	543	3	181	0	543	3	181	0	543	3	181
	Through-Right		0							0				0				0	
	Right	98	1	0	0	98	0	2	101	1	0	0	101	1	0	0	101	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	203	1	203	178	381	381	38	243	1	243	178	421	1	421	0	421	1	421
	Left-Through		0							0				0				0	
	Through	302	2	146	-1	301	146	55	361	2	125	-1	360	2	125	0	360	2	125
	Through-Right		1							1				1				1	
	Right	136	0	136	0	136	136	1	139	1	0	0	139	1	0	0	139	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	156	1	156	0	156	156	1	159	1	159	0	159	1	159	0	159	1	159
	Left-Through		0							0				0				0	
	Through	1162	2	414	0	1162	414	1	1177	2	420	0	1177	2	420	0	1177	2	420
	Through-Right		1							1				1				1	
	Right	81	0	81	0	81	81	2	84	0	84	0	84	0	84	0	84	0	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	146	1	146	0	146	146	8	156	1	156	0	156	1	156	0	156	1	156
	Left-Through		0							0				0				0	
	Through	867	2	317	0	867	317	1	878	2	329	0	878	2	329	0	878	2	329
	Through-Right		1							1				1				1	
	Right	83	0	83	1	84	84	24	108	0	108	1	109	0	109	0	109	0	109
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		286	North-South:		464	North-South:			424	North-South:			602	North-South:			602
		East-West:		560	East-West:		560	East-West:			576	East-West:			576	East-West:			576
		SUM:		846	SUM:		1024	SUM:			1000	SUM:			1178	SUM:			1178
	VOLUME/CAPACITY (V/C) RATIO:			0.615			0.745				0.727				0.857				0.857
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.515			0.645				0.627				0.757				0.757
	LEVEL OF SERVICE (LOS):			A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.130 | Δv/c after mitigation: 0.130
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	79	North-South Street:	I-110 SB Ramps	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	216	1	216	0	216	216	0	219	1	219	0	219	1	219	0	219	1	219
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	449	1	247	0	449	247	6	460	1	253	0	460	1	253	0	460	1	253
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	901	2	451	0	901	451	41	953	2	477	0	953	2	477	0	953	2	477
	Through-Right		1							1				1				1	
	Right	605	0	605	178	783	783	0	612	0	612	178	790	0	790	0	790	0	790
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	179	1	179	47	226	226	0	181	1	181	47	228	1	228	0	228	1	228
	Left-Through		0							0				0				0	
	Through	760	3	253	1	761	254	27	796	3	265	1	797	3	266	0	797	3	266
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		247	North-South:		247	North-South:			253	North-South:			253	North-South:			253
		East-West:		784	East-West:		1009	East-West:			793	East-West:			1018	East-West:			1018
		SUM:		1031	SUM:		1256	SUM:			1046	SUM:			1271	SUM:			1271
	VOLUME/CAPACITY (V/C) RATIO:			0.687			0.837				0.697				0.847				0.847
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.587			0.737				0.597				0.747				0.747
	LEVEL OF SERVICE (LOS):			A			C				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.150 | Δv/c after mitigation: 0.150
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	80	North-South Street:	I-110 NB Ramps/Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/19/2012
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	266	1	188	1	267	188	0	269	1	248	1	270	1	248	0	270	1	248
	Left-Through		0							0				0				0	
	Through	26	0	188	0	26	188	116	142	0	248	0	142	0	248	0	142	0	248
	Through-Right		0							0				0				0	
	Right	83	0	0	0	83	0	0	84	0	0	0	84	0	0	0	84	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	2	1	2	0	2	2	79	81	1	81	0	81	1	81	0	81	1	81
	Through-Right		0							0				0				0	
	Right	68	1	51	47	115	98	0	69	1	52	47	116	1	99	0	116	1	99
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	542	2	271	0	542	271	41	590	2	295	0	590	2	295	0	590	2	295
	Through-Right		1							1				1				1	
	Right	408	0	314	0	408	314	0	413	0	289	0	413	0	289	0	413	0	289
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	103	1	103	0	103	103	0	104	1	104	0	104	1	104	0	104	1	104
	Left-Through		0							0				0				0	
	Through	594	2	206	0	594	206	27	628	2	217	0	628	2	217	0	628	2	217
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		239	North-South:		286	North-South:			329	North-South:			347	North-South:			347
		East-West:		417	East-West:		417	East-West:			399	East-West:			399	East-West:			399
		SUM:		656	SUM:		703	SUM:			728	SUM:			746	SUM:			746
	VOLUME/CAPACITY (V/C) RATIO:			0.477			0.511				0.529				0.543				0.543
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.377			0.411				0.429				0.443				0.443
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.014 | Δv/c after mitigation: 0.014
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	81	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	James Wood	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	211	1	211	318	529	529	129	343	1	343	318	661	1	661	0	661	1	661
	Through-Right		0							0				0				0	
	Right	30	1	30	77	107	107	5	35	1	35	77	112	1	112	0	112	1	112
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	161	0	161	0	161	161	21	184	0	184	0	184	0	184	0	184	0	184
	Left-Through		1							1				1				1	
	Through	403	1	191	0	403	191	367	775	1	323	0	775	1	323	0	775	1	323
	Through-Right		1							1				1				1	
	Right	10	0	191	0	10	191	0	10	0	323	0	10	0	323	0	10	0	323
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		211	North-South:		529	North-South:			343	North-South:			661	North-South:			661
		East-West:		191	East-West:		191	East-West:			323	East-West:			323	East-West:			323
		SUM:		402	SUM:		720	SUM:			666	SUM:			984	SUM:			984
VOLUME/CAPACITY (V/C) RATIO:				0.268			0.480				0.444				0.656				0.656
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.168			0.380				0.344				0.556				0.556
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.212 | Δv/c after mitigation: 0.212

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	82	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	22	1	22	454	476	476	59	81	1	81	454	535	1	535	0	535	1	535
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	221	0	221	10	231	231	52	276	1	276	10	286	1	286	0	286	1	286
	Left-Through		1							1				1				1	
	Through	797	3	255	263	1060	323	592	1399	4	280	286	1685	4	337	0	1685	4	337
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		22	North-South:		476	North-South:			81	North-South:			535	North-South:			535
		East-West:		255	East-West:		323	East-West:			280	East-West:			337	East-West:			337
		SUM:		277	SUM:		799	SUM:			361	SUM:			872	SUM:			872
VOLUME/CAPACITY (V/C) RATIO:				0.185			0.533				0.241				0.581				0.581
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.092			0.433				0.141				0.481				0.481
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.340 | Δv/c after mitigation: 0.340

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	83	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	686	3	193	172	858	241	541	1235	3	344	172	1407	3	392	-336	1071	3	308
	Through-Right		1							1				1				1	
	Right	86	0	86	19	105	105	54	141	0	141	19	160	0	160	0	160	0	160
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	204	1	165	436	640	352	60	266	1	266	436	702	1	448	0	702	1	448
	Left-Through		1							1				1				1	
	Through	621	3	165	295	916	305	591	1219	3	305	318	1537	3	448	0	1537	3	448
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		193	North-South:		241	North-South:			344	North-South:			392	North-South:			308
		East-West:		165	East-West:		352	East-West:			305	East-West:			448	East-West:			448
		SUM:		358	SUM:		593	SUM:			649	SUM:			840	SUM:			756
VOLUME/CAPACITY (V/C) RATIO:				0.239			0.395				0.433				0.560				0.504
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.139			0.295				0.333				0.460				0.404
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.127 | Δv/c after mitigation: 0.071

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	84	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	138	1	138	53	191	191	9	149	1	149	53	202	1	202	404	606	1	606
	Left-Through		0							0				0				0	
	Through	423	4	106	195	618	155	388	816	4	204	195	1011	4	253	-404	607	4	152
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	529	3	176	188	717	239	496	1031	3	340	188	1219	3	406	0	1219	3	406
	Through-Right		1							1				1				1	
	Right	179	0	179	125	304	304	149	330	0	330	148	478	0	478	0	478	0	478
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		138	North-South:		191	North-South:			204	North-South:			253	North-South:			606
		East-West:		179	East-West:		304	East-West:			340	East-West:			478	East-West:			478
		SUM:		317	SUM:		495	SUM:			544	SUM:			731	SUM:			1084
VOLUME/CAPACITY (V/C) RATIO:				0.211			0.330				0.363				0.487				0.723
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.111			0.230				0.263				0.387				0.623
LEVEL OF SERVICE (LOS):				A			A				A				A				B

6

Change in v/c due to project: 0.124 | Δv/c after mitigation: 0.360

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	85	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	286	1	151	0	286	151	117	406	1	211	0	406	1	211	0	406	1	211
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	35	1	35	0	35	35	3	38	1	38	0	38	1	38	0	38	1	38
	Left-Through		0							0				0				0	
	Through	230	2	115	0	230	115	72	305	1	305	0	305	1	305	0	305	1	305
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	62	1	62	0	62	62	52	115	1	115	0	115	1	115	0	115	1	115
	Left-Through		0							0				0				0	
	Through	307	3	102	271	578	193	201	512	3	171	271	783	3	261	0	783	3	261
	Through-Right		0							0				0				0	
	Right	40	1	40	0	40	40	56	96	1	96	0	96	1	96	0	96	1	96
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		186	North-South:		186	North-South:			305	North-South:			305	North-South:			305
		East-West:		102	East-West:		193	East-West:			171	East-West:			261	East-West:			261
		SUM:		288	SUM:		379	SUM:			476	SUM:			566	SUM:			566
VOLUME/CAPACITY (V/C) RATIO:				0.192			0.253				0.317				0.377				0.377
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.096			0.153				0.217				0.277				0.277
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.060 — Δv/c after mitigation: 0.060

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	86	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	600	2	300	0	600	300	197	804	2	402	0	804	2	402	0	804	2	402
	Through-Right		0							0				0				0	
	Right	45	1	45	0	45	45	0	46	1	46	0	46	1	46	0	46	1	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	269	2	148	634	903	497	69	341	2	188	697	1038	2	571	0	1038	2	571
	Left-Through		0							0				0				0	
	Through	433	1	284	252	685	457	127	565	1	352	252	817	1	525	0	817	1	525
	Through-Right		1							1				1				1	
	Right	135	0	135	94	229	229	1	138	0	138	94	232	0	232	0	232	0	232
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		300	North-South:		300	North-South:			402	North-South:			402	North-South:			402
		East-West:		284	East-West:		497	East-West:			352	East-West:			571	East-West:			571
		SUM:		584	SUM:		797	SUM:			754	SUM:			973	SUM:			973
VOLUME/CAPACITY (V/C) RATIO:				0.389			0.531				0.503				0.649				0.649
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.289			0.431				0.403				0.549				0.549
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.146 — Δv/c after mitigation: 0.146

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	87	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	275	2	151	322	597	328	36	314	2	173	322	636	2	350	0	636	2	350
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	9	9	0	0	0	9	0	0	0	9	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	19	19	0	0	0	19	0	0	0	19	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	19	0	19	0	19	19	86	105	0	105	0	105	0	105	0	105	0	105
	Left-Through		1							1				1				1	
	Through	856	4	175	748	1604	325	347	1213	4	264	811	2024	4	426	0	2024	4	426
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	5	5	0	5	0	5	0	5	0	5	0	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		151	North-South:		328	North-South:			173	North-South:			350	North-South:			350
		East-West:		175	East-West:		325	East-West:			264	East-West:			426	East-West:			426
		SUM:		326	SUM:		653	SUM:			437	SUM:			776	SUM:			776
VOLUME/CAPACITY (V/C) RATIO:				0.217			0.435				0.291				0.517				0.517
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.117			0.335				0.191				0.417				0.417
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.226 — Δv/c after mitigation: 0.226

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	88	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	160	1	160	266	426	426	185	347	1	347	266	613	1	613	0	613	1	613
	Left-Through		0							0				0				0	
	Through	754	6	126	808	1562	260	417	1180	6	197	808	1988	6	331	-786	1202	6	200
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	705	4	176	481	1186	297	253	967	4	242	544	1511	4	378	0	1511	4	378
	Through-Right		0							0				0				0	
	Right	139	1	139	178	317	317	14	155	1	155	178	333	1	333	582	915	1	915
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		160	North-South:		426	North-South:			347	North-South:			613	North-South:			613
		East-West:		176	East-West:		317	East-West:			242	East-West:			378	East-West:			915
		SUM:		336	SUM:		743	SUM:			589	SUM:			991	SUM:			1528
VOLUME/CAPACITY (V/C) RATIO:				0.224			0.495				0.393				0.661				1.019
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.124			0.395				0.293				0.561				0.919
LEVEL OF SERVICE (LOS):				A			A				A				A				E

PROJECT IMPACT

Change in v/c due to project: 0.268 — Δv/c after mitigation: 0.626

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
89	East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	491	4	123	110	601	150	348	845	4	211	110	955	4	239	0	955	4	239
	Through-Right		0							0				0				0	
	Right	133	1	133	246	379	379	8	143	1	143	246	389	1	389	0	389	1	389
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	71	0	71	0	71	71	49	121	0	121	0	121	0	121	0	121	0	121
	Left-Through		1							1				1				1	
	Through	714	3	196	413	1127	300	259	982	3	276	476	1458	3	395	582	2040	3	540
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		133	North-South:		379	North-South:			211	North-South:			389	North-South:			389
		East-West:		196	East-West:		300	East-West:			276	East-West:			395	East-West:			540
		SUM:		329	SUM:		679	SUM:			487	SUM:			784	SUM:			929
VOLUME/CAPACITY (V/C) RATIO:				0.219			0.453				0.325				0.523				0.619
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.119			0.353				0.225				0.423				0.519
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.198 Δv/c after mitigation: 0.294

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
90	East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	19	1	19	15	34	34	4	23	1	23	15	38	1	38	0	38	1	38
	Left-Through		0							0				0				0	
	Through	127	2	64	316	443	222	89	218	2	109	316	534	2	267	0	534	2	267
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	191	2	96	0	191	96	170	363	2	182	0	363	2	182	0	363	2	182
	Through-Right		0							0				0				0	
	Right	62	1	62	12	74	74	65	128	1	128	12	140	1	140	0	140	1	140
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	35	1	35	0	35	35	48	83	1	83	0	83	1	83	0	83	1	83
	Left-Through		0							0				0				0	
	Through	487	2	179	0	487	179	268	761	2	273	0	761	2	273	0	761	2	273
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	9	59	0	59	0	59	0	59	0	59	0	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		115	North-South:		222	North-South:			205	North-South:			267	North-South:			267
		East-West:		179	East-West:		179	East-West:			273	East-West:			273	East-West:			273
		SUM:		294	SUM:		401	SUM:			478	SUM:			540	SUM:			540
VOLUME/CAPACITY (V/C) RATIO:				0.196			0.267				0.319				0.360				0.360
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.098			0.167				0.219				0.260				0.260
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.041 Δv/c after mitigation: 0.041

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
91	East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	33	1	33	0	33	33	37	70	1	70	0	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	311	2	156	0	311	156	133	448	2	224	0	448	2	224	0	448	2	224
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	249	1	159	0	249	159	75	327	0	442	0	327	0	442	0	327	0	442
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	45	115	0	0	0	115	0	0	0	115	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through		1							1				1				1	
	Through	474	2	147	0	474	147	243	723	2	211	0	723	2	211	0	723	2	211
	Through-Right		1							1				1				1	
	Right	96	0	147	0	96	147	6	103	0	211	0	103	0	211	0	103	0	211
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		192	North-South:		192	North-South:			512	North-South:			512	North-South:			512
		East-West:		147	East-West:		147	East-West:			211	East-West:			211	East-West:			211
		SUM:		339	SUM:		339	SUM:			723	SUM:			723	SUM:			723
VOLUME/CAPACITY (V/C) RATIO:				0.238			0.238				0.507				0.507				0.507
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.138			0.138				0.407				0.407				0.407
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
92	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	52	1	52	33	85	85	15	68	1	68	33	101	1	101	0	101	1	101
	Through-Right		0							0				0				0	
	Right	46	1	15	61	107	76	0	47	1	13	61	108	1	74	0	108	1	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	7	1	7	0	7	7	0	7	1	7	0	7	1	7	0	7	1	7
	Left-Through		0							0				0				0	
	Through	171	1	171	0	171	171	35	208	1	208	0	208	1	208	0	208	1	208
	Through-Right		0							0				0				0	
	Right	24	1	18	0	24	18	13	37	1	11	0	37	1	11	0	37	1	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	13	1	13	0	13	13	39	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	415	2	208	0	415	208	81	501	2	251	0	501	2	251	0	501	2	251
	Through-Right		0							0				0				0	
	Right	101	1	89	0	101	89	12	114	1	102	0	114	1	102	0	114	1	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	62	1	62	0	62	62	5	68	1	68	0	68	1	68	0	68	1	68
	Left-Through		0							0				0				0	
	Through	392	2	196	74	466	233	126	523	2	262	74	597	2	299	0	597	2	299
	Through-Right		0							0				0				0	
	Right	10	1	7	0	10	7	29	39	1	36	0	39	1	36	0	39	1	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		196	North-South:		196	North-South:			233	North-South:			233	North-South:			233
		East-West:		270	East-West:		270	East-West:			319	East-West:			351	East-West:			351
		SUM:		466	SUM:		466	SUM:			552	SUM:			584	SUM:			584
VOLUME/CAPACITY (V/C) RATIO:				0.311			0.311				0.368				0.389				0.389
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.241			0.241				0.268				0.289				0.289
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.021 Δv/c after mitigation: 0.021

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
93	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	60	0	60	66	126	126	55	116	0	116	66	182	0	182	0	182	0	182
	Left-Through		1							1				1				1	
	Through	737	3	**169**	1508	2245	**502**	371	1117	3	**257**	1508	2625	3	**589**	-244	2381	3	**541**
	Through-Right		1							1				1				1	
	Right	49	0	169	90	139	502	0	50	0	257	90	140	0	589	0	140	0	541
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	247	2	**136**	61	308	**169**	97	347	2	**191**	61	408	2	**224**	0	408	2	**224**
	Left-Through		0							0				0				0	
	Through	287	2	144	-2	285	143	67	357	2	179	-2	355	2	178	0	355	2	178
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	155	2	78	8	163	82	91	248	2	**124**	8	256	2	128	0	256	2	128
	Through-Right		0							0				0				0	
	Right	109	1	**109**	86	195	**195**	0	110	1	110	86	196	1	**196**	0	196	1	**196**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	169		*North-South:*	502		*North-South:*		257		*North-South:*		589		*North-South:*		541
			East-West:	245		*East-West:*	364		*East-West:*		315		*East-West:*		420		*East-West:*		420
			SUM:	414		*SUM:*	866		*SUM:*		572		*SUM:*		1009		*SUM:*		961
	VOLUME/CAPACITY (*V/C*) RATIO:			0.291			0.608				0.401				0.708				0.674
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.221			0.538				0.301				0.608				0.574
	LEVEL OF SERVICE (LOS):			A			A				A				B				A

PROJECT IMPACT

Change in *v/c* due to project: 0.307 — Δ*v/c* after mitigation: 0.273

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Lucas	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
94	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	0	**17**	0	17	17	6	23	0	**23**	0	23	0	23	0	23	0	23
	Left-Through		0							0				0				0	
	Through	78	0	129	64	142	**193**	54	133	0	238	64	197	0	**302**	0	197	0	**302**
	Through-Right		0							0				0				0	
	Right	34	0	0	0	34	0	48	82	0	0	0	82	0	0	0	82	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	15	0	15	0	15	**15**	47	62	0	62	0	62	0	**62**	0	62	0	**62**
	Left-Through		0							0				0				0	
	Through	83	0	**173**	0	83	173	80	164	0	**305**	0	164	0	305	0	164	0	305
	Through-Right		0							0				0				0	
	Right	75	0	0	0	75	0	3	79	0	0	0	79	0	0	0	79	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	81	1	81	0	81	**81**	5	87	1	**87**	0	87	1	**87**	0	87	1	**87**
	Left-Through		0							0				0				0	
	Through	393	1	**204**	0	393	204	186	584	1	303	0	584	1	303	0	584	1	303
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	7	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	13	1	**13**	0	13	13	1	14	1	14	0	14	1	14	0	14	1	14
	Left-Through		0							0				0				0	
	Through	248	1	131	25	273	**143**	162	413	1	**235**	25	438	1	**248**	0	438	1	**248**
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	44	57	0	57	0	57	0	57	0	57	0	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	190		*North-South:*	208		*North-South:*		328		*North-South:*		364		*North-South:*		364
			East-West:	217		*East-West:*	224		*East-West:*		322		*East-West:*		335		*East-West:*		335
			SUM:	407		*SUM:*	432		*SUM:*		650		*SUM:*		699		*SUM:*		699
	VOLUME/CAPACITY (*V/C*) RATIO:			0.271			0.288				0.433				0.466				0.466
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.201			0.218				0.333				0.366				0.366
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.033 — Δ*v/c* after mitigation: 0.033

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
95	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	26	1	**26**	0	26	**26**	4	30	1	**30**	0	30	1	**30**	0	30	1	**30**
	Left-Through		0							0				0				0	
	Through	31	0	47	0	31	80	11	42	0	76	0	42	0	109	0	42	0	109
	Through-Right		1							1				1				1	
	Right	16	0	0	33	49	0	18	34	0	0	33	67	0	0	0	67	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	26	1	26	0	26	26	6	32	1	32	0	32	1	32	0	32	1	32
	Left-Through		0							0				0				0	
	Through	77	0	**106**	0	77	**106**	18	96	0	**143**	0	96	0	**143**	0	96	0	**143**
	Through-Right		1							1				1				1	
	Right	29	0	0	0	29	0	18	47	0	0	0	47	0	0	0	47	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	22	1	22	0	22	22	11	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	346	1	**214**	0	346	**214**	260	610	1	**349**	0	610	1	**349**	0	610	1	**349**
	Through-Right		1							1				1				1	
	Right	82	0	82	0	82	82	5	88	0	88	0	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	33	1	**33**	0	33	**33**	12	45	1	**45**	0	45	1	**45**	0	45	1	**45**
	Left-Through		0							0				0				0	
	Through	229	1	128	25	254	141	247	479	1	256	25	504	1	268	0	504	1	268
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	5	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	132		*North-South:*	132		*North-South:*		173		*North-South:*		173		*North-South:*		173
			East-West:	247		*East-West:*	247		*East-West:*		394		*East-West:*		394		*East-West:*		394
			SUM:	379		*SUM:*	379		*SUM:*		567		*SUM:*		567		*SUM:*		567
	VOLUME/CAPACITY (*V/C*) RATIO:			0.253			0.253				0.378				0.378				0.378
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.183			0.183				0.278				0.278				0.278
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — Δ*v/c* after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
96	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1016	5	**169**	1419	2435	**406**	430	1458	5	**243**	1419	2877	5	**480**	-244	2633	5	**439**
	Through-Right		1							1				1				1	
	Right	78	1	78	236	314	314	38	117	1	117	236	353	1	353	0	353	1	353
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	161	1	157	0	161	160	85	248	1	244	0	248	1	247	0	248	1	247
	Left-Through		1							1				1				1	
	Through	781	4	**157**	20	801	**160**	426	1216	4	**244**	20	1236	4	**247**	0	1236	4	**247**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	169		*North-South:*	406		*North-South:*		243		*North-South:*		480		*North-South:*		439
			East-West:	157		*East-West:*	160		*East-West:*		244		*East-West:*		247		*East-West:*		247
			SUM:	326		*SUM:*	566		*SUM:*		487		*SUM:*		727		*SUM:*		686
	VOLUME/CAPACITY (*V/C*) RATIO:			0.217			0.377				0.325				0.485				0.457
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.147			0.307				0.225				0.385				0.357
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.160 — Δ*v/c* after mitigation: 0.132

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
97	Flower	2011	0.2	Eric Ji	12/8/2011
	East-West Street: 6th	Projection Year: 2017	Peak Hour:	Reviewed by:	Project: LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	99	2	54	2	101	56	2	102	2	56	2	104	2	57	0	104	2	57
	Left-Through		0							0				0				0	
	Through	283	4	71	18	301	75	252	538	4	135	18	556	4	139	0	556	4	139
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	473	3	158	269	742	221	270	749	3	250	269	1018	3	316	0	1018	3	316
	Through-Right		1							1				1				1	
	Right	377	1	207	-13	364	0	193	575	1	316	-13	562	1	0	0	562	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		71	North-South:		75	North-South:			135	North-South:			139	North-South:			139
		East-West:		207	East-West:		221	East-West:			316	East-West:			316	East-West:			316
		SUM:		278	SUM:		296	SUM:			451	SUM:			455	SUM:			455
VOLUME/CAPACITY (V/C) RATIO:				0.185			0.197				0.301				0.303				0.303
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.120			0.128				0.201				0.203				0.203
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.002 Δv/c after mitigation: 0.002

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
98	Grand	2011	0.2	Eric Ji	12/8/2011
	East-West Street: 6th	Projection Year: 2017	Peak Hour:	Reviewed by:	Project: LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	43	0	43	0	43	43	12	56	0	56	0	56	0	56	0	56	0	56
	Left-Through		1							1				1				1	
	Through	298	3	85	2	300	86	201	503	3	140	2	505	3	140	0	505	3	140
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	404	4	89	500	904	189	245	654	4	145	500	1154	4	245	0	1154	4	245
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	31	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		85	North-South:		86	North-South:			140	North-South:			140	North-South:			140
		East-West:		89	East-West:		189	East-West:			145	East-West:			245	East-West:			245
		SUM:		174	SUM:		275	SUM:			285	SUM:			385	SUM:			385
VOLUME/CAPACITY (V/C) RATIO:				0.116			0.183				0.190				0.257				0.257
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.075			0.119				0.095				0.157				0.157
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.062 Δv/c after mitigation: 0.062

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
99	Hill	2011	0.2	Eric Ji	12/8/2011
	East-West Street: 6th	Projection Year: 2017	Peak Hour:	Reviewed by:	Project: LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	194	1	124	316	510	295	111	307	1	181	316	623	1	352	0	623	1	352
	Through-Right		1							1				1				1	
	Right	53	0	53	26	79	79	0	54	0	54	26	80	0	80	0	80	0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	45	1	45	16	61	61	20	66	1	66	16	82	1	82	0	82	1	82
	Left-Through		0							0				0				0	
	Through	225	3	75	11	236	79	216	444	3	148	11	455	3	152	0	455	3	152
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through		1							1				1				1	
	Through	369	2	102	410	779	205	216	589	2	167	410	999	2	270	0	999	2	270
	Through-Right		1							1				1				1	
	Right	22	0	102	0	22	205	40	62	0	167	0	62	0	270	0	62	0	270
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		169	North-South:		356	North-South:			247	North-South:			434	North-South:			434
		East-West:		102	East-West:		205	East-West:			167	East-West:			270	East-West:			270
		SUM:		271	SUM:		561	SUM:			414	SUM:			704	SUM:			704
VOLUME/CAPACITY (V/C) RATIO:				0.181			0.374				0.276				0.469				0.469
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.117			0.304				0.176				0.369				0.369
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.193 Δv/c after mitigation: 0.193

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
100	Spring	2011	0.2	Eric Ji	1/13/2012
	East-West Street: 6th	Projection Year: 2017	Peak Hour:	Reviewed by:	Project: LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	154	0	154	0	154	154	23	179	0	179	0	179	0	179	0	179	0	179
	Left-Through		1							1				1				1	
	Through	518	4	130	0	518	130	373	897	2	359	0	897	2	359	0	897	2	359
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	388	3	129	285	673	207	206	599	3	193	285	884	3	265	0	884	3	265
	Through-Right		1							1				1				1	
	Right	155	0	155	0	155	155	17	174	0	174	0	174	0	174	0	174	0	174
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		154	North-South:		154	North-South:			359	North-South:			359	North-South:			359
		East-West:		155	East-West:		207	East-West:			193	East-West:			265	East-West:			265
		SUM:		309	SUM:		361	SUM:			552	SUM:			624	SUM:			624
VOLUME/CAPACITY (V/C) RATIO:				0.206			0.241				0.368				0.416				0.416
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.136			0.171				0.268				0.316				0.316
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.048 Δv/c after mitigation: 0.048

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
101	Main	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	6th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		
Override Capacity		0		

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	456	4	114	236	692	173	304	765	4	191	236	1001	4	250	0	1001	4	250
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	83	1	83	0	83	83	16	100	1	100	0	100	1	100	0	100	1	100
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	208	0	208	276	484	484	79	290	0	290	276	566	0	566	0	566	0	566
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	306	3	102	9	315	105	150	460	3	153	9	469	3	156	0	469	3	156
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		114	North-South:		173	North-South:			191	North-South:			250	North-South:			250
	East-West:		208	East-West:		484	East-West:			290	East-West:			566	East-West:			566
	SUM:		322			657				481				816				816
VOLUME/CAPACITY (V/C) RATIO:			0.215			0.438				0.321				0.544				0.544
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.145			0.368				0.221				0.444				0.444
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.223 — Δv/c after mitigation: 0.223

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
102	Figueroa	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		
Override Capacity		0		

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	366	3	128	571	937	328	230	600	3	210	571	1171	3	410	0	1171	3	410
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	671	4	168	848	1519	380	286	965	4	241	848	1813	4	453	-244	1569	4	392
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	669	5	114	813	1482	278	321	998	5	166	813	1811	5	327	0	1811	5	344
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	126	1	0	335	461	0	16	144	1	144	335	479	1	0	118	597	1	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		168	North-South:		380	North-South:			241	North-South:			453	North-South:			410
	East-West:		114	East-West:		278	East-West:			166	East-West:			327	East-West:			344
	SUM:		282			658				407				780				754
VOLUME/CAPACITY (V/C) RATIO:			0.188			0.439				0.271				0.520				0.503
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.122			0.369				0.171				0.420				0.403
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.249 — Δv/c after mitigation: 0.232

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
103	Grand	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		
Override Capacity		0		

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	246	3	82	0	246	82	131	380	3	127	0	380	3	127	0	380	3	127
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	166	1	166	0	166	166	11	179	1	179	0	179	1	179	0	179	1	179
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	127	1	127	2	129	129	67	196	1	196	2	198	1	198	0	198	1	198
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	586	3	147	371	957	197	382	975	3	201	371	1346	3	276	118	1464	3	299
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	29	0	29	0	29	29	3	32	0	32	0	32	0	32	0	32	0	32
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		166	North-South:		166	North-South:			179	North-South:			179	North-South:			179
	East-West:		147	East-West:		197	East-West:			201	East-West:			276	East-West:			299
	SUM:		313			363				380				455				478
VOLUME/CAPACITY (V/C) RATIO:			0.209			0.242				0.253				0.303				0.319
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.139			0.172				0.153				0.203				0.219
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.050 — Δv/c after mitigation: 0.066

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
104	Olive	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	2	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		
Override Capacity		0		

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	174	2	96	261	435	239	25	201	2	111	261	462	2	254	118	580	2	319
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	245	3	82	345	590	197	252	500	3	167	345	845	3	282	0	845	3	282
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	184	2	101	0	184	101	59	245	2	135	0	245	2	135	0	245	2	135
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	385	3	105	112	497	133	367	757	3	201	112	869	3	229	0	869	3	229
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	36	0	36	0	36	36	9	45	0	45	0	45	0	45	0	45	0	45
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		197	North-South:		340	North-South:			246	North-South:			389	North-South:			454
	East-West:		105	East-West:		133	East-West:			201	East-West:			229	East-West:			229
	SUM:		302			473				447				618				683
VOLUME/CAPACITY (V/C) RATIO:			0.212			0.332				0.314				0.434				0.479
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.142			0.262				0.214				0.334				0.379
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.120 — Δv/c after mitigation: 0.165

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
105	Hill	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

No. of Phases				2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	23	1	**23**	101	124	124	1	24	1	**24**	101	125	1	**125**	0	125	1	**125**
	Left-Through		0							0				0				0	
	Through	167	2	84	348	515	**258**	110	279	2	140	348	627	2	314	0	627	2	314
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	208	2	**88**	1	209	92	220	431	2	**216**	1	432	2	216	0	432	2	216
	Through-Right		1							1				1				1	
	Right	56	0	56	11	67	67	159	216	0	216	11	227	0	**227**	0	227	0	**227**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	25	1	25	0	25	25	16	41	1	41	0	41	1	41	0	41	1	41
	Left-Through		0							0				0				0	
	Through	330	3	**96**	0	330	110	217	551	3	**162**	0	551	3	184	0	551	3	184
	Through-Right		1							1				1				1	
	Right	52	0	52	166	218	**218**	45	98	0	98	166	264	0	**264**	0	264	0	**264**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		111	North-South:		258	North-South:			240	North-South:			352	North-South:			352
		East-West:		96	East-West:		218	East-West:			162	East-West:			264	East-West:			264
		SUM:		207	SUM:		476	SUM:			402	SUM:			616	SUM:			616
VOLUME/CAPACITY (V/C) RATIO:				0.138			0.317				0.268				0.411				0.411
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.090**			**0.247**				**0.168**				**0.311**				**0.311**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.143 Δv/c after mitigation: 0.143

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
106	Spring	2011	0.2	Eric Ji	1/13/2012
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

No. of Phases				2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	476	4	**110**	0	476	**110**	361	843	3	**281**	0	843	3	**281**	0	843	3	**281**
	Through-Right		1							1				1				1	
	Right	73	0	73	0	73	73	135	209	1	209	0	209	1	209	0	209	1	209
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	167	0	**167**	0	167	**167**	35	204	0	**204**	0	204	0	**204**	0	204	0	**204**
	Left-Through		1							1				1				1	
	Through	212	3	71	0	212	71	162	377	3	126	0	377	3	126	0	377	3	126
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		110	North-South:		110	North-South:			281	North-South:			281	North-South:			281
		East-West:		167	East-West:		167	East-West:			204	East-West:			204	East-West:			204
		SUM:		277	SUM:		277	SUM:			485	SUM:			485	SUM:			485
VOLUME/CAPACITY (V/C) RATIO:				0.185			0.185				0.323				0.323				0.323
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.120**			**0.120**				**0.223**				**0.223**				**0.223**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
107	Main	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

No. of Phases				2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	145	1	**145**	0	145	145	37	184	1	184	0	184	1	184	0	184	1	184
	Left-Through		0							0				0				0	
	Through	537	4	134	513	1050	**263**	345	888	4	**222**	513	1401	4	**350**	0	1401	4	**350**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	232	3	77	0	232	77	160	395	3	**122**	0	395	3	**122**	0	395	3	**122**
	Through-Right		1							1				1				1	
	Right	79	0	**79**	0	79	**79**	13	93	0	93	0	93	0	93	0	93	0	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		145	North-South:		263	North-South:			222	North-South:			350	North-South:			350
		East-West:		79	East-West:		79	East-West:			122	East-West:			122	East-West:			122
		SUM:		224	SUM:		342	SUM:			344	SUM:			472	SUM:			472
VOLUME/CAPACITY (V/C) RATIO:				0.149			0.228				0.229				0.315				0.315
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.097**			**0.158**				**0.129**				**0.215**				**0.215**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.086 Δv/c after mitigation: 0.086

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
108	Figueroa	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	2nd	2017			LAEC

No. of Phases				3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	82	2	**45**	453	535	**294**	18	101	2	56	453	554	2	**305**	0	554	2	**305**
	Left-Through		0							0				0				0	
	Through	365	2	150	623	988	358	200	569	2	**221**	623	1192	2	429	0	1192	2	429
	Through-Right		1							1				1				1	
	Right	86	0	86	0	86	86	8	95	0	95	0	95	0	95	0	95	0	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	28	2	15	0	28	15	4	32	2	**18**	0	32	2	18	0	32	2	18
	Left-Through		0							0				0				0	
	Through	302	1	**166**	0	302	**166**	0	306	1	168	0	306	1	**168**	0	306	1	**168**
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	0	30	0	30	0	30	0	30	0	30	0	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	33	1	33	0	33	**33**	0	33	1	33	0	33	1	**33**	0	33	1	**33**
	Left-Through		0							0				0				0	
	Through	161	2	**81**	0	161	81	20	183	2	**92**	0	183	2	92	0	183	2	92
	Through-Right		0							0				0				0	
	Right	121	1	76	0	121	0	4	126	1	70	0	126	1	0	0	126	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	56	1	**56**	0	56	56	0	57	1	**57**	0	57	1	57	0	57	1	57
	Left-Through		0							0				0				0	
	Through	150	2	75	67	217	**109**	17	169	2	85	67	236	2	**118**	0	236	2	**118**
	Through-Right		0							0				0				0	
	Right	15	1	8	0	15	8	0	15	1	6	0	15	1	6	0	15	1	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		211	North-South:		460	North-South:			239	North-South:			473	North-South:			473
		East-West:		137	East-West:		142	East-West:			149	East-West:			151	East-West:			151
		SUM:		348	SUM:		602	SUM:			388	SUM:			624	SUM:			624
VOLUME/CAPACITY (V/C) RATIO:				0.244			0.422				0.272				0.438				0.438
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.174**			**0.352**				**0.172**				**0.338**				**0.338**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.166 Δv/c after mitigation: 0.166

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
109	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	54	1	54	0	54	54	3	58	1	58	0	58	1	58	0	58	1	58
	Left-Through		0							0				0				0	
	Through	187	1	117	0	187	117	36	225	1	146	0	225	1	146	0	225	1	146
	Through-Right		1							1				1				1	
	Right	46	0	46	0	46	46	19	66	0	66	0	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	1	31	0	31	31	0	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	122	2	61	0	122	61	59	182	2	91	0	182	2	91	0	182	2	91
	Through-Right		0							0				0				0	
	Right	70	1	53	0	70	53	25	96	1	71	0	96	1	71	0	96	1	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	1	34	0	34	34	17	51	1	51	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	145	2	57	0	145	57	153	300	2	109	0	300	2	109	0	300	2	109
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	23	1	23	0	23	23	3	26	1	26	0	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	231	2	94	7	238	96	211	445	2	165	7	452	2	168	0	452	2	168
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		148	North-South:		148	North-South:			177	North-South:			177	North-South:			177
		East-West:		128	East-West:		130	East-West:			216	East-West:			219	East-West:			219
		SUM:		276	SUM:		278	SUM:			393	SUM:			396	SUM:			396
	VOLUME/CAPACITY (V/C) RATIO:			0.184			0.185				0.262				0.264				0.264
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.120			0.120				0.162				0.164				0.164
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.002 | Δv/c after mitigation: 0.002

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
110	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	83	1	83	0	83	83	0	84	1	84	0	84	1	84	0	84	1	84
	Left-Through		0							0				0				0	
	Through	207	2	104	0	207	104	22	231	2	116	0	231	2	116	0	231	2	116
	Through-Right		1							1				1				1	
	Right	109	1	60	61	170	121	0	110	1	39	61	171	1	100	0	171	1	100
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	70	1	70	0	70	70	41	112	1	112	0	112	1	112	0	112	1	112
	Left-Through		0							0				0				0	
	Through	91	1	65	0	91	65	57	149	1	94	0	149	1	94	0	149	1	94
	Through-Right		1							1				1				1	
	Right	39	0	39	0	39	39	0	39	0	39	0	39	0	39	0	39	0	39
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	55	1	55	469	524	524	4	60	1	60	469	529	1	529	0	529	1	529
	Left-Through		0							0				0				0	
	Through	246	2	123	123	369	185	181	430	2	215	123	553	2	277	0	553	2	277
	Through-Right		0							0				0				0	
	Right	77	1	0	0	77	0	19	97	1	13	0	97	1	13	0	97	1	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	49	1	49	0	49	49	21	71	1	71	0	71	1	71	0	71	1	71
	Left-Through		0							0				0				0	
	Through	264	2	112	7	271	115	213	480	2	200	7	487	2	202	0	487	2	202
	Through-Right		1							1				1				1	
	Right	73	0	73	0	73	73	46	120	0	120	0	120	0	120	0	120	0	120
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		174	North-South:		191	North-South:			228	North-South:			228	North-South:			228
		East-West:		172	East-West:		639	East-West:			286	East-West:			731	East-West:			731
		SUM:		346	SUM:		830	SUM:			514	SUM:			959	SUM:			959
	VOLUME/CAPACITY (V/C) RATIO:			0.252			0.604				0.374				0.697				0.697
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.182			0.534				0.274				0.597				0.597
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.323 | Δv/c after mitigation: 0.323

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
111	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	11	1	11	0	11	11	29	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	103	2	52	0	103	52	68	172	2	86	0	172	2	86	0	172	2	86
	Through-Right		0							0				0				0	
	Right	18	1	0	0	18	0	246	264	1	206	0	264	1	232	0	264	1	232
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	1	23	0	23	23	103	126	1	126	0	126	1	126	0	126	1	126
	Left-Through		0							0				0				0	
	Through	246	1	161	0	246	161	90	339	1	219	0	339	1	219	0	339	1	219
	Through-Right		1							1				1				1	
	Right	76	0	76	0	76	76	21	98	0	98	0	98	0	98	0	98	0	98
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	82	1	82	184	266	266	0	83	1	83	184	267	1	267	0	267	1	267
	Left-Through		0							0				0				0	
	Through	222	2	111	0	222	111	192	417	2	191	0	417	2	191	0	417	2	191
	Through-Right		1							1				1				1	
	Right	125	0	120	0	125	120	30	157	0	157	0	157	0	157	0	157	0	157
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	94	2	52	0	94	29	11	106	2	58	0	106	2	32	0	106	2	32
	Left-Through		0							0				0				0	
	Through	282	2	130	7	289	145	230	515	2	245	7	522	2	261	0	522	2	261
	Through-Right		1							1				1				1	
	Right	108	0	108	435	543	532	111	220	0	220	435	655	0	592	0	655	0	592
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		172	North-South:		172	North-South:			332	North-South:			358	North-South:			358
		East-West:		212	East-West:		798	East-West:			328	East-West:			859	East-West:			859
		SUM:		384	SUM:		970	SUM:			660	SUM:			1217	SUM:			1217
	VOLUME/CAPACITY (V/C) RATIO:			0.269			0.681				0.463				0.854				0.854
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.199			0.611				0.363				0.754				0.754
	LEVEL OF SERVICE (LOS):			A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.391 | Δv/c after mitigation: 0.391

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
112	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	113	2	62	373	486	267	198	312	2	172	373	685	2	377	0	685	2	377
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	146	2	43	42	188	66	91	239	2	76	42	281	2	100	0	281	2	100
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	262	2	98	0	262	98	283	548	2	274	0	548	2	274	0	548	2	274
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	286	317	0	231	0	317	0	129	0	317	0	129
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	37	1	37	0	37	37	18	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	366	3	122	69	435	145	153	523	3	174	69	592	3	197	0	592	3	197
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		62	North-South:		267	North-South:			172	North-South:			377	North-South:			377
		East-West:		135	East-West:		145	East-West:			329	East-West:			329	East-West:			329
		SUM:		197	SUM:		412	SUM:			501	SUM:			706	SUM:			706
	VOLUME/CAPACITY (V/C) RATIO:			0.138			0.289				0.352				0.495				0.495
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.090			0.219				0.252				0.395				0.395
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.143 | Δv/c after mitigation: 0.143

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	113	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	22	1	22	69	91	91	0	22	1	22	69	91	1	91	0	91	1	91
	Left-Through		0							0				0				0	
	Through	140	1	83	477	617	321	103	245	1	140	477	722	1	378	0	722	1	378
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	9	34	0	34	0	34	0	34	0	34	0	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	26	1	26	0	26	26	0	26	1	26	0	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	226	2	86	0	226	86	157	386	2	140	0	386	2	140	0	386	2	140
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	57	1	57	35	92	92	26	84	1	84	35	119	1	119	0	119	1	119
	Left-Through		0							0				0				0	
	Through	314	2	110	7	321	113	299	617	2	228	7	624	2	230	0	624	2	230
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	49	66	0	66	0	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	18	1	18	0	18	18	113	131	1	131	0	131	1	131	0	131	1	131
	Left-Through		0							0				0				0	
	Through	288	2	104	0	288	104	172	463	2	162	0	463	2	162	0	463	2	162
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		109	North-South:		347	North-South:			166	North-South:			404	North-South:			404
		East-West:		161	East-West:		196	East-West:			359	East-West:			361	East-West:			361
		SUM:		270	SUM:		543	SUM:			525	SUM:			765	SUM:			765
VOLUME/CAPACITY (V/C) RATIO:				0.189			0.381				0.368				0.537				0.537
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.123			0.311				0.268				0.437				0.437
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.169 | Δv/c after mitigation: 0.169

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	114	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	0	12	0	12	12	2	14	0	14	0	14	0	14	0	14	0	14
	Left-Through		1							1				1				1	
	Through	255	3	67	0	255	67	472	730	2	248	0	730	2	248	0	730	2	248
	Through-Right		0							0				0				0	
	Right	64	1	42	0	64	42	83	148	1	126	0	148	1	126	0	148	1	126
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	289	2	102	7	296	105	238	530	2	190	7	537	2	193	0	537	2	193
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	23	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	1	14	0	14	14	12	26	1	26	0	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	199	2	66	0	199	66	192	393	2	131	0	393	2	131	0	393	2	131
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		67	North-South:		67	North-South:			248	North-South:			248	North-South:			248
		East-West:		116	East-West:		119	East-West:			216	East-West:			219	East-West:			219
		SUM:		183	SUM:		186	SUM:			464	SUM:			467	SUM:			467
VOLUME/CAPACITY (V/C) RATIO:				0.128			0.131				0.326				0.328				0.328
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.083			0.085				0.226				0.228				0.228
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.002 | Δv/c after mitigation: 0.002

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	115	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	37	0	37	0	37	37	23	60	0	60	0	60	0	60	0	60	0	60
	Left-Through		1							1				1				1	
	Through	301	2	98	553	854	236	351	656	2	197	553	1209	2	335	0	1209	2	335
	Through-Right		1							1				1				1	
	Right	54	0	98	0	54	236	15	70	0	197	0	70	0	335	0	70	0	335
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	43	1	43	7	50	50	130	174	1	174	7	181	1	181	0	181	1	181
	Left-Through		0							0				0				0	
	Through	317	3	106	0	317	106	110	431	3	144	0	431	3	144	0	431	3	144
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	232	2	84	0	232	84	181	416	2	146	0	416	2	146	0	416	2	146
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	2	21	0	21	0	21	0	21	0	21	0	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		98	North-South:		236	North-South:			197	North-South:			335	North-South:			335
		East-West:		127	East-West:		134	East-West:			320	East-West:			327	East-West:			327
		SUM:		225	SUM:		370	SUM:			517	SUM:			662	SUM:			662
VOLUME/CAPACITY (V/C) RATIO:				0.158			0.260				0.363				0.465				0.465
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.103			0.190				0.263				0.365				0.365
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.102 | Δv/c after mitigation: 0.102

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	116	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Temple/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	58	1	58	0	58	58	0	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	93	1	93	469	562	330	72	166	1	132	469	635	1	367	0	635	1	367
	Through-Right		1							1				1				1	
	Right	97	0	76	0	97	97	0	98	0	98	0	98	0	98	0	98	0	98
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	75	1	75	0	75	75	45	121	1	121	0	121	1	121	0	121	1	121
	Left-Through		0							0				0				0	
	Through	68	1	53	0	68	53	56	125	1	81	0	125	1	81	0	125	1	81
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	117	1	117	0	117	117	21	139	1	139	0	139	1	139	0	139	1	139
	Left-Through		0							0				0				0	
	Through	234	1	140	0	234	140	64	301	1	193	0	301	1	193	0	301	1	193
	Through-Right		1							1				1				1	
	Right	45	0	45	0	45	45	39	85	0	85	0	85	0	85	0	85	0	85
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	43	1	43	0	43	43	3	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	335	2	168	0	335	168	40	379	2	190	0	379	2	190	0	379	2	190
	Through-Right		0							0				0				0	
	Right	89	1	52	0	89	52	42	132	1	72	0	132	1	72	0	132	1	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		168	North-South:		285	North-South:			253	North-South:			488	North-South:			488
		East-West:		285	East-West:		285	East-West:			329	East-West:			329	East-West:			329
		SUM:		453	SUM:		690	SUM:			582	SUM:			817	SUM:			817
VOLUME/CAPACITY (V/C) RATIO:				0.318			0.484				0.408				0.573				0.573
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.248			0.414				0.308				0.473				0.473
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.165 | Δv/c after mitigation: 0.165

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
117	Main	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Aliso	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	402	3	134	132	534	178	313	720	3	240	132	852	3	284	0	852	3	284
	Through-Right		0							0				0				0	
	Right	121	1	121	427	548	548	168	290	1	290	427	717	1	717	0	717	1	717
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	49	0	49	0	49	49	54	104	0	104	0	104	0	104	0	104	0	104
	Left-Through		1							1				1				1	
	Through	415	2	155	0	415	155	259	679	2	261	0	679	2	261	0	679	2	261
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		134	North-South:		548	North-South:			290	North-South:			717	North-South:			717
		East-West:		155	East-West:		155	East-West:			261	East-West:			261	East-West:			261
		SUM:		289	SUM:		703	SUM:			551	SUM:			978	SUM:			978
VOLUME/CAPACITY (V/C) RATIO:				0.193			0.469				0.367				0.652				0.652
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.125			0.399				0.267				0.552				0.552
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.285 | Δv/c after mitigation: 0.285

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
118	Los Angeles	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Aliso	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	2	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	106	2	53	0	106	53	5	112	2	56	0	112	2	56	0	112	2	56
	Through-Right		0							0				0				0	
	Right	8	1	8	0	8	8	48	56	1	56	0	56	1	56	0	56	1	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	137	0	137	0	137	137	0	139	0	139	0	139	0	139	0	139	0	139
	Left-Through		1							1				1				1	
	Through	275	2	137	0	275	137	38	316	2	152	0	316	2	152	0	316	2	152
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	10	0	10	0	10	10	42	52	0	52	0	52	0	52	0	52	0	52
	Left-Through		1							1				1				1	
	Through	492	2	134	427	919	241	324	822	2	242	427	1249	2	349	0	1249	2	349
	Through-Right		1							1				1				1	
	Right	35	0	134	0	35	241	60	95	0	242	0	95	0	349	0	95	0	349
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		190	North-South:		190	North-South:			195	North-South:			195	North-South:			195
		East-West:		134	East-West:		241	East-West:			242	East-West:			349	East-West:			349
		SUM:		324	SUM:		431	SUM:			437	SUM:			544	SUM:			544
VOLUME/CAPACITY (V/C) RATIO:				0.216			0.287				0.291				0.363				0.363
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.146			0.217				0.191				0.263				0.263
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.072 | Δv/c after mitigation: 0.072

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
119	Grand	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	I-110 On-Ramp/US-101 Ramps	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	3	3
ATSAC-1 or ATSAC+ATCS-2?	1	1	0	0
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	230	1	230	618	848	848	166	399	1	399	618	1017	1	1017	0	1017	1	1017
	Left-Through		0							0				0				0	
	Through	134	2	67	4	138	69	83	219	2	110	4	223	2	112	0	223	2	112
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	216	2	108	0	216	108	131	350	2	175	0	350	2	175	0	350	2	175
	Through-Right		0							0				0				0	
	Right	220	1	220	0	220	220	120	343	1	343	0	343	1	343	0	343	1	343
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	29	0	29	0	29	29	28	57	0	57	0	57	0	57	0	57	0	57
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	96	1	0	0	96	0	129	226	1	0	0	226	1	0	0	226	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		450	North-South:		1068	North-South:			742	North-South:			1360	North-South:			1360
		East-West:		29	East-West:		29	East-West:			57	East-West:			57	East-West:			57
		SUM:		479	SUM:		1097	SUM:			799	SUM:			1417	SUM:			1417
VOLUME/CAPACITY (V/C) RATIO:				0.336			0.770				0.561				0.994				0.994
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.266			0.700				0.461				0.894				0.894
LEVEL OF SERVICE (LOS):				A			B				A				D				D

PROJECT IMPACT

Change in v/c due to project: 0.433 | Δv/c after mitigation: 0.433

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
120	Beaudry	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Sunset	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	1	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	0	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	120	0	120	0	120	120	0	121	0	121	0	121	0	121	0	121	0	121
	Left-Through		0							0				0				0	
	Through	81	0	272	0	81	272	27	109	0	326	0	109	0	326	0	109	0	326
	Through-Right		0							0				0				0	
	Right	71	0	0	0	71	0	24	96	0	0	0	96	0	0	0	96	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	22	0	22	0	22	22	48	70	0	70	0	70	0	70	0	70	0	70
	Left-Through		1							1				1				1	
	Through	109	1	66	0	109	66	69	179	1	125	0	179	1	125	0	179	1	125
	Through-Right		0							0				0				0	
	Right	17	1	0	0	17	0	7	24	1	0	0	24	1	0	0	24	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	56	1	56	0	56	56	0	57	1	57	0	57	1	57	0	57	1	57
	Left-Through		0							0				0				0	
	Through	1155	2	476	0	1155	476	93	1262	2	513	0	1262	2	513	0	1262	2	513
	Through-Right		1							1				1				1	
	Right	274	0	274	0	274	274	0	277	0	277	0	277	0	277	0	277	0	277
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	112	1	112	0	112	112	38	151	1	151	0	151	1	151	0	151	1	151
	Left-Through		0							0				0				0	
	Through	844	2	289	35	879	300	91	945	2	322	35	980	2	334	0	980	2	334
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		294	North-South:		294	North-South:			396	North-South:			396	North-South:			396
		East-West:		588	East-West:		588	East-West:			664	East-West:			664	East-West:			664
		SUM:		882	SUM:		882	SUM:			1060	SUM:			1060	SUM:			1060
VOLUME/CAPACITY (V/C) RATIO:				0.588			0.588				0.707				0.707				0.707
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.518			0.518				0.607				0.607				0.607
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	121	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		2
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	100	1	100	31	131	131	6	107	1	107	31	138	1	138	0	138	1	138
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	252	2	126	0	252	126	166	421	2	211	0	421	2	211	0	421	2	211
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	166	1	116	0	166	116	16	184	1	133	0	184	1	133	0	184	1	133
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	58	1	58	0	58	58	0	59	1	59	0	59	1	59	0	59	1	59
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	170	2	85	0	170	85	30	202	2	101	0	202	2	101	0	202	2	101
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	71	1	18	0	71	18	0	72	1	15	0	72	1	15	0	72	1	15
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	107	1	107	0	107	107	7	115	1	115	0	115	1	115	0	115	1	115
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	943	2	408	0	943	408	154	1108	2	465	0	1108	2	465	0	1108	2	465
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	282	0	282	0	282	282	3	288	0	288	0	288	0	288	0	288	0	288
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	101	1	101	0	101	101	0	102	1	102	0	102	1	102	0	102	1	102
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	840	2	304	4	844	305	122	972	2	373	4	976	2	375	0	976	2	375
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	71	0	71	0	71	71	76	148	0	148	0	148	0	148	0	148	0	148
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		185	North-South:		216	North-South:			270	North-South:			270	North-South:			270
	East-West:		509	East-West:		509	East-West:			567	East-West:			567	East-West:			567
	SUM:		694	SUM:		725	SUM:			837	SUM:			837	SUM:			837
VOLUME/CAPACITY (V/C) RATIO:			0.505			0.527				0.609				0.609				0.609
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.435			0.457				0.509				0.509				0.509
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	122	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	3	0	3	0
ATSAC-1 or ATSAC+ATCS-2?		1		1
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	84	1	84	4	88	88	29	114	1	114	4	118	1	118	0	118	1	118
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	40	1	40	0	40	40	70	110	1	110	0	110	1	110	0	110	1	110
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	43	1	0	0	43	0	11	55	1	0	0	55	1	0	0	55	1	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	56	1	56	0	56	56	137	194	1	194	0	194	1	194	0	194	1	194
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	10	1	3	0	10	3	0	10	1	3	0	10	1	3	0	10	1	3
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	14	1	14	0	14	14	0	14	1	14	0	14	1	14	0	14	1	14
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	370	2	185	0	370	185	142	516	2	258	0	516	2	258	0	516	2	258
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	145	1	103	0	145	101	29	176	1	119	0	176	1	117	0	176	1	117
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	153	2	84	0	153	84	84	239	2	131	0	239	2	131	0	239	2	131
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	454	2	202	0	454	202	105	564	2	240	0	564	2	240	0	564	2	240
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	153	0	153	0	153	153	0	155	0	155	0	155	0	155	0	155	0	155
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		140	North-South:		144	North-South:			308	North-South:			312	North-South:			312
	East-West:		269	East-West:		269	East-West:			389	East-West:			389	East-West:			389
	SUM:		409	SUM:		413	SUM:			697	SUM:			701	SUM:			701
VOLUME/CAPACITY (V/C) RATIO:			0.287			0.290				0.489				0.492				0.492
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.217			0.220				0.389				0.392				0.392
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.003 Δv/c after mitigation: 0.003

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	123	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	1	0
ATSAC-1 or ATSAC+ATCS-2?		1		2
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	6	1	6	0	6	6	0	6	1	6	0	6	1	6	0	6	1	6
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	27	1	0	0	27	0	0	27	1	0	0	27	1	0	0	27	1	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	62	0	145	0	62	145	262	325	0	439	0	325	0	439	0	325	0	439
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	65	0	0	0	65	0	30	96	0	0	0	96	0	0	0	96	0	0
SOUTHBOUND Left-Through-Right		1							1				1				1	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	732	2	366	0	732	366	75	816	2	408	0	816	2	408	0	816	2	408
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	129	1	0	0	129	0	19	150	1	0	0	150	1	0	0	150	1	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	227	2	125	0	227	125	11	241	2	133	0	241	2	133	0	241	2	133
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	993	2	350	0	993	350	103	1108	2	388	0	1108	2	388	0	1108	2	388
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	56	0	56	0	56	56	0	57	0	57	0	57	0	57	0	57	0	57
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		148	North-South:		148	North-South:			442	North-South:			442	North-South:			442
	East-West:		491	East-West:		491	East-West:			541	East-West:			541	East-West:			541
	SUM:		639	SUM:		639	SUM:			983	SUM:			983	SUM:			983
VOLUME/CAPACITY (V/C) RATIO:			0.448			0.448				0.690				0.690				0.690
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.378			0.378				0.590				0.590				0.590
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	124	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		2
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	128	1	98	0	128	128	19	149	1	149	0	149	1	149	0	149	1	149
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	167	1	98	132	299	150	312	481	1	228	132	613	1	272	0	613	1	272
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	185	0	185	0	185	185	16	203	0	203	0	203	0	203	0	203	0	203
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	57	1	57	0	57	57	0	58	1	58	0	58	1	58	0	58	1	58
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	756	2	378	0	756	378	75	840	2	420	0	840	2	420	0	840	2	420
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	1088	1	560	0	1088	560	94	1195	1	641	0	1195	1	641	0	1195	1	641
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	31	0	31	0	31	31	56	87	0	87	0	87	0	87	0	87	0	87
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		185	North-South:		185	North-South:			228	North-South:			272	North-South:			272
	East-West:		617	East-West:		617	East-West:			699	East-West:			699	East-West:			699
	SUM:		802	SUM:		802	SUM:			927	SUM:			971	SUM:			971
VOLUME/CAPACITY (V/C) RATIO:			0.535			0.535				0.618				0.647				0.647
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.465			0.465				0.518				0.547				0.547
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.029 Δv/c after mitigation: 0.029

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
125	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	185	1	185	0	185	185	0	187	1	187	0	187	1	187	0	187	1	187
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	375	2	162	0	375	162	114	494	2	202	0	494	2	202	0	494	2	202
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	112	0	112	0	112	112	0	113	0	113	0	113	0	113	0	113	0	113
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	85	1	85	0	85	85	9	95	1	95	0	95	1	95	0	95	1	95
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	760	2	**296**	0	760	**296**	129	898	2	**342**	0	898	2	**342**	0	898	2	**342**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	127	0	127	0	127	127	0	129	0	129	0	129	0	129	0	129	0	129
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	76	1	76	0	76	76	0	77	1	77	0	77	1	77	0	77	1	77
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	532	2	**266**	0	532	**266**	91	629	2	**315**	0	629	2	**315**	0	629	2	**315**
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	336	1	151	0	336	151	0	340	1	153	0	340	1	153	0	340	1	153
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	187	1	**187**	0	187	**187**	0	189	1	**189**	0	189	1	**189**	0	189	1	**189**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	820	2	289	0	820	289	108	938	2	329	0	938	2	329	0	938	2	329
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	47	0	47	0	47	47	0	48	0	48	0	48	0	48	0	48	0	48
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		481	North-South:		481	North-South:			529	North-South:			529	North-South:			529
	East-West:		453	East-West:		453	East-West:			504	East-West:			504	East-West:			504
	SUM:		934	SUM:		934	SUM:			1033	SUM:			1033	SUM:			1033
VOLUME/CAPACITY (V/C) RATIO:			0.679			0.679				0.751				0.751				0.751
V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.609**			**0.609**				**0.651**				**0.651**				**0.651**
LEVEL OF SERVICE (LOS):			**B**			**B**				**B**				**B**				**B**

NB--	0	SB--	EB--	3	WB--	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	ATSAC-1 or ATSAC+ATCS-2?	1	Override Capacity	0	No. of Phases	4

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
126	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	1	1	1	0	1	1	63	64	1	64	0	64	1	64	0	64	1	64
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	141	1	**74**	65	206	**106**	223	366	1	**186**	65	431	1	**219**	0	431	1	**219**
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	46	1	**46**	0	46	**46**	0	47	1	**47**	0	47	1	**47**	0	47	1	**47**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	158	1	102	0	158	102	0	160	1	116	0	160	1	116	0	160	1	116
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	45	0	45	0	45	45	25	71	0	71	0	71	0	71	0	71	0	71
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	50	1	**50**	0	50	**50**	18	69	1	**69**	0	69	1	**69**	0	69	1	**69**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	124	1	70	0	124	70	62	187	1	101	0	187	1	101	0	187	1	101
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	170	1	**106**	0	170	**106**	27	199	1	**120**	0	199	1	**120**	0	199	1	**120**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		120	North-South:		152	North-South:			233	North-South:			266	North-South:			266
	East-West:		156	East-West:		156	East-West:			189	East-West:			189	East-West:			189
	SUM:		276	SUM:		308	SUM:			422	SUM:			455	SUM:			455
VOLUME/CAPACITY (V/C) RATIO:			0.194			0.216				0.296				0.319				0.319
V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.126**			**0.146**				**0.196**				**0.219**				**0.219**
LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**A**

NB--	0	SB--	EB--	0	WB--	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	ATSAC-1 or ATSAC+ATCS-2?	1	Override Capacity	0	No. of Phases	3

PROJECT IMPACT

Change in v/c due to project: 0.023 | Δv/c after mitigation: 0.023

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
127	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	43	1	**43**	0	43	43	35	79	1	**79**	0	79	1	79	0	79	1	79
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	172	2	86	67	239	**120**	52	226	2	113	67	293	2	**147**	0	293	2	**147**
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	35	1	13	0	35	13	18	53	1	0	0	53	1	0	0	53	1	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	24	1	24	0	24	**24**	11	35	1	35	0	35	1	**35**	0	35	1	**35**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	194	2	**89**	0	194	89	34	230	2	**101**	0	230	2	101	0	230	2	101
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	73	0	73	0	73	73	0	74	0	74	0	74	0	74	0	74	0	74
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	33	1	**33**	0	33	**33**	0	33	1	**33**	0	33	1	**33**	0	33	1	**33**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	27	1	27	0	27	27	29	56	1	56	0	56	1	56	0	56	1	56
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	62	0	41	0	62	41	23	86	0	47	0	86	0	47	0	86	0	47
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	22	1	22	0	22	22	50	72	1	72	0	72	1	72	0	72	1	72
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	55	2	28	0	55	28	167	223	2	**112**	0	223	2	**112**	0	223	2	**112**
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	72	1	**60**	0	72	**60**	25	98	1	81	0	98	1	81	0	98	1	81
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		132	North-South:		144	North-South:			180	North-South:			182	North-South:			182
	East-West:		93	East-West:		93	East-West:			145	East-West:			145	East-West:			145
	SUM:		225	SUM:		237	SUM:			325	SUM:			327	SUM:			327
VOLUME/CAPACITY (V/C) RATIO:			0.158			0.166				0.228				0.229				0.229
V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.103**			**0.108**				**0.128**				**0.129**				**0.129**
LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**A**

NB--	3	SB--	EB--	0	WB--	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	ATSAC-1 or ATSAC+ATCS-2?	1	Override Capacity	0	No. of Phases	3

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
128	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	18	1	**18**	0	18	18	0	18	1	18	0	18	1	18	0	18	1	18
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	287	1	153	509	796	**407**	120	410	1	**214**	509	919	1	**469**	0	919	1	**469**
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	74	1	74	0	74	**74**	79	154	1	**154**	0	154	1	**154**	0	154	1	**154**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	403	1	**220**	0	403	220	136	544	1	291	0	544	1	291	0	544	1	291
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	30	0	**30**	0	30	**30**	0	30	0	**30**	0	30	0	**30**	0	30	0	**30**
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	111	1	75	0	111	75	0	112	1	91	0	112	1	91	0	112	1	91
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	9	0	75	0	9	75	0	9	0	91	0	9	0	91	0	9	0	91
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	40	0	40	0	40	40	0	40	0	40	0	40	0	40	0	40	0	40
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	100	0	**133**	0	100	**133**	0	101	0	141	0	101	0	141	0	101	0	141
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	125	0	133	0	125	133	97	224	0	**147**	0	224	0	**147**	0	224	0	**147**
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		238	North-South:		481	North-South:			368	North-South:			623	North-South:			623
	East-West:		163	East-West:		163	East-West:			177	East-West:			177	East-West:			177
	SUM:		401	SUM:		644	SUM:			545	SUM:			800	SUM:			800
VOLUME/CAPACITY (V/C) RATIO:			0.267			0.429				0.363				0.533				0.533
V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.197**			**0.359**				**0.263**				**0.433**				**0.433**
LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**A**

NB--	0	SB--	EB--	0	WB--	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	ATSAC-1 or ATSAC+ATCS-2?	1	Override Capacity	0	No. of Phases	2

PROJECT IMPACT

Change in v/c due to project: 0.170 | Δv/c after mitigation: 0.170

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
129	East-West Street:	College	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	15	1	15	0	15	15	0	15	1	15	0	15	1	15	0	15	1	15
	Left-Through		0							0				0				0	
	Through	385	1	233	509	894	487	217	607	1	344	509	1116	1	599	0	1116	1	599
	Through-Right		1							1				1				1	
	Right	80	0	80	0	80	80	0	81	0	81	0	81	0	81	0	81	0	81
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	146	1	146	0	146	146	57	205	1	205	0	205	1	205	0	205	1	205
	Left-Through		0							0				0				0	
	Through	460	1	252	0	460	252	215	681	1	363	0	681	1	363	0	681	1	363
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	75	0	75	0	75	75	0	76	0	76	0	76	0	76	0	76	0	76
	Left-Through		1							1				1				1	
	Through	106	0	105	0	106	105	0	107	0	106	0	107	0	106	0	107	0	106
	Through-Right		1							1				1				1	
	Right	28	0	105	0	28	105	0	28	0	106	0	28	0	106	0	28	0	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through		1							1				1				1	
	Through	111	0	119	0	111	119	0	112	0	156	0	112	0	156	0	112	0	156
	Through-Right		1							1				1				1	
	Right	83	0	119	0	83	119	75	159	0	57	0	159	0	57	0	159	0	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	379		North-South:	633		North-South:		549		North-South:		804		North-South:		804
			East-West:	194		East-West:	194		East-West:		232		East-West:		232		East-West:		232
			SUM:	573		SUM:	827		SUM:		781		SUM:		1036		SUM:		1036
	VOLUME/CAPACITY (V/C) RATIO:			0.382			0.551				0.521				0.691				0.691
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.312			0.481				0.421				0.591				0.591
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.170 | Δv/c after mitigation: 0.170

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Sunset	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
130	East-West Street:	Elysian Park	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	835	2	418	35	870	435	97	942	2	471	35	977	2	489	0	977	2	489
	Through-Right		1							1				1				1	
	Right	58	1	0	0	58	0	0	59	1	0	0	59	1	0	0	59	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	516	2	258	0	516	258	93	615	2	308	0	615	2	308	0	615	2	308
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	959	2	527	0	959	527	0	971	2	534	0	971	2	534	0	971	2	534
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	568	2	257	0	568	257	0	575	2	260	0	575	2	260	0	575	2	260
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	473		North-South:	490		North-South:		527		North-South:		545		North-South:		545
			East-West:	527		East-West:	527		East-West:		534		East-West:		534		East-West:		534
			SUM:	1000		SUM:	1017		SUM:		1061		SUM:		1079		SUM:		1079
	VOLUME/CAPACITY (V/C) RATIO:			0.702			0.714				0.745				0.757				0.757
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.632			0.644				0.645				0.657				0.657
	LEVEL OF SERVICE (LOS):			B			B				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.012 | Δv/c after mitigation: 0.012

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
131	East-West Street:	Bellevue	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	499	2	250	254	753	377	76	581	2	291	254	835	2	418	0	835	2	418
	Through-Right		0							0				0				0	
	Right	188	1	104	337	525	441	66	256	1	165	337	593	1	502	0	593	1	502
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	89	1	89	0	89	89	0	90	1	90	0	90	1	90	0	90	1	90
	Left-Through		0							0				0				0	
	Through	694	2	347	0	694	347	93	795	2	398	0	795	2	398	0	795	2	398
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	307	2	169	0	307	169	19	330	2	182	0	330	2	182	0	330	2	182
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	128	1	84	0	128	84	0	130	1	85	0	130	1	85	0	130	1	85
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	347		North-South:	530		North-South:		398		North-South:		592		North-South:		592
			East-West:	169		East-West:	169		East-West:		182		East-West:		182		East-West:		182
			SUM:	516		SUM:	699		SUM:		580		SUM:		774		SUM:		774
	VOLUME/CAPACITY (V/C) RATIO:			0.362			0.491				0.407				0.543				0.543
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.292			0.421				0.307				0.443				0.443
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.136 | Δv/c after mitigation: 0.136

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
132	East-West Street:	Temple	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	1	55	0	55	55	4	60	1	60	0	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	434	1	222	591	1025	518	117	556	1	283	591	1147	1	579	0	1147	1	579
	Through-Right		1							1				1				1	
	Right	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	77	1	77	0	77	77	0	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	474	1	315	0	474	315	133	613	1	397	0	613	1	397	0	613	1	397
	Through-Right		1							1				1				1	
	Right	156	0	156	0	156	156	22	180	0	180	0	180	0	180	0	180	0	180
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	194	1	194	0	194	194	2	198	1	198	0	198	1	198	0	198	1	198
	Left-Through		0							0				0				0	
	Through	219	1	133	0	219	133	45	267	1	169	0	267	1	169	0	267	1	169
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	22	70	0	70	0	70	0	70	0	70	0	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	18	1	18	0	18	18	0	18	1	18	0	18	1	18	0	18	1	18
	Left-Through		0							0				0				0	
	Through	291	1	193	0	291	193	28	323	1	221	0	323	1	221	0	323	1	221
	Through-Right		1							1				1				1	
	Right	94	0	94	0	94	94	23	118	0	118	0	118	0	118	0	118	0	118
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	370		North-South:	595		North-South:		457		North-South:		657		North-South:		657
			East-West:	387		East-West:	387		East-West:		419		East-West:		419		East-West:		419
			SUM:	757		SUM:	982		SUM:		876		SUM:		1076		SUM:		1076
	VOLUME/CAPACITY (V/C) RATIO:			0.531			0.689				0.615				0.755				0.755
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.461			0.619				0.515				0.655				0.655
	LEVEL OF SERVICE (LOS):			A			B				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.140 | Δv/c after mitigation: 0.140

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
133	East-West Street:	US 101 NB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	275	1	275	89	364	364	4	282	1	282	89	371	1	371	0	371	1	371
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	696	3	232	18	714	238	128	832	3	277	18	850	3	283	0	850	3	283
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	807	2	370	0	807	370	64	881	2	425	0	881	2	425	0	881	2	425
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	303	0	303	0	303	303	86	393	0	393	0	393	0	393	0	393	0	393
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	173	1	124	0	173	124	17	192	1	139	0	192	1	139	0	192	1	139
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	74	0	124	0	74	124	11	86	0	139	0	86	0	139	0	86	0	139
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		1							1				1				1	
CRITICAL VOLUMES	North-South:		645	North-South:		734	North-South:			707	North-South:			796	North-South:			796
	East-West:		124	East-West:		124	East-West:			139	East-West:			139	East-West:			139
	SUM:		769	SUM:		858	SUM:			846	SUM:			935	SUM:			935
VOLUME/CAPACITY (V/C) RATIO:			0.540			0.602				0.594				0.656				0.656
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.470			0.532				0.494				0.556				0.556
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.062 | Δv/c after mitigation: 0.062
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
134	East-West Street:	US 101 SB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	686	2	312	107	793	347	70	764	2	340	107	871	2	375	0	871	2	375
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	249	0	249	0	249	249	3	255	0	255	0	255	0	255	0	255	0	255
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	147	0	147	0	147	147	20	169	0	169	0	169	0	169	0	169	0	169
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	824	2	412	0	824	412	93	927	2	464	0	927	2	464	0	927	2	464
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	228	1	228	0	228	228	88	319	1	319	0	319	1	319	0	319	1	319
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	4	0	0	0	4	0	0	4	0	0	0	4	0	0	0	4	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	181	1	181	0	181	181	6	189	1	189	0	189	1	189	0	189	1	189
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		459	North-South:		494	North-South:			509	North-South:			544	North-South:			544
	East-West:		228	East-West:		228	East-West:			319	East-West:			319	East-West:			319
	SUM:		687	SUM:		722	SUM:			828	SUM:			863	SUM:			863
VOLUME/CAPACITY (V/C) RATIO:			0.458			0.481				0.552				0.575				0.575
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.388			0.411				0.452				0.475				0.475
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.023 | Δv/c after mitigation: 0.023
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
135	East-West Street:	Beverly	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	770	1	316	107	877	352	67	846	1	364	107	953	1	400	0	953	1	400
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	50	0	316	0	50	352	4	55	0	364	0	55	0	400	0	55	0	400
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	844	1	474	0	844	474	82	936	1	520	0	936	1	546	0	936	1	546
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	97	1	58	0	97	58	0	98	1	58	0	98	1	58	0	98	1	58
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	79	1	79	0	79	79	0	80	1	80	0	80	1	80	0	80	1	80
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	277	2	112	0	277	112	167	447	2	169	0	447	2	169	0	447	2	169
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	58	0	58	0	58	58	0	59	0	59	0	59	0	59	0	59	0	59
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	66	1	66	0	66	66	0	67	1	67	0	67	1	67	0	67	1	67
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	324	2	123	0	324	123	228	556	2	201	0	556	2	201	0	556	2	201
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	46	0	46	0	46	46	0	47	0	47	0	47	0	47	0	47	0	47
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		506	North-South:		506	North-South:			552	North-South:			578	North-South:			578
	East-West:		202	East-West:		202	East-West:			281	East-West:			281	East-West:			281
	SUM:		708	SUM:		708	SUM:			833	SUM:			859	SUM:			859
VOLUME/CAPACITY (V/C) RATIO:			0.472			0.472				0.555				0.573				0.573
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.402			0.402				0.455				0.473				0.473
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.018 | Δv/c after mitigation: 0.018
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
136	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	75	1	75	0	75	75	8	84	1	84	0	84	1	84	0	84	1	84
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1054	2	370	64	1118	391	224	1291	2	451	64	1355	2	472	0	1355	2	472
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	55	0	55	0	55	55	6	62	0	62	0	62	0	62	0	62	0	62
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	69	1	69	0	69	69	0	70	1	70	0	70	1	70	0	70	1	70
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	955	2	348	0	955	348	196	1163	2	419	0	1163	2	419	0	1163	2	419
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	89	0	89	0	89	89	5	95	0	95	0	95	0	95	0	95	0	95
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	86	1	86	0	86	86	5	92	1	92	0	92	1	92	0	92	1	92
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	393	1	239	0	393	239	173	571	1	331	0	571	1	331	0	571	1	331
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	84	0	84	0	84	84	5	90	0	90	0	90	0	90	0	90	0	90
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	84	1	84	0	84	84	7	92	1	92	0	92	1	92	0	92	1	92
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	418	2	209	0	418	209	165	588	2	294	0	588	2	294	0	588	2	294
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	79	1	45	0	79	45	0	80	1	45	0	80	1	45	0	80	1	45
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		439	North-South:		460	North-South:			521	North-South:			542	North-South:			542
	East-West:		323	East-West:		323	East-West:			423	East-West:			423	East-West:			423
	SUM:		762	SUM:		783	SUM:			944	SUM:			965	SUM:			965
VOLUME/CAPACITY (V/C) RATIO:			0.508			0.522				0.629				0.643				0.643
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.438			0.452				0.529				0.543				0.543
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.014 | Δv/c after mitigation: 0.014
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvardo	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
137	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	43	0	**43**	0	43	43	0	44	0	**44**	0	44	0	44	0	44	0	44
	Left-Through		1							1				1				1	
	Through	709	1	338	82	791	**365**	80	798	1	375	82	880	1	**402**	0	880	1	**402**
	Through-Right		1							1				1				1	
	Right	132	0	338	0	132	365	16	150	0	375	0	150	0	402	0	150	0	402
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	28	0	28	0	28	**28**	0	28	0	28	0	28	0	**28**	0	28	0	**28**
	Left-Through		1							1				1				1	
	Through	787	1	**333**	0	787	333	61	857	1	**362**	0	857	1	381	0	857	1	381
	Through-Right		1							1				1				1	
	Right	99	0	333	0	99	333	18	118	0	362	0	118	0	381	0	118	0	381
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	58	1	58	0	58	58	2	61	1	61	0	61	1	61	0	61	1	61
	Left-Through		0							0				0				0	
	Through	357	1	**208**	0	357	**208**	161	522	1	**291**	0	522	1	**291**	0	522	1	**291**
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	80	1	**80**	0	80	**80**	11	92	1	**92**	0	92	1	**92**	0	92	1	**92**
	Left-Through		0							0				0				0	
	Through	375	1	210	0	375	223	155	535	1	291	0	535	1	303	0	535	1	303
	Through-Right		1							1				1				1	
	Right	45	0	45	25	70	70	0	46	0	46	25	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		376	North-South:		393	North-South:			406	North-South:			430	North-South:			430
		East-West:		288	East-West:		288	East-West:			383	East-West:			383	East-West:			383
		SUM:		664	SUM:		681	SUM:			789	SUM:			813	SUM:			813
VOLUME/CAPACITY (v/c) RATIO:				0.443			0.454				0.554				0.571				0.779
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.373			0.384				0.454				0.471				0.471
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.017 Δv/c after mitigation: 0.017

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
138	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	97	0	**97**	0	97	**97**	11	109	0	**109**	0	109	0	109	0	109	0	109
	Left-Through		1							1				1				1	
	Through	738	1	408	58	796	427	86	833	1	535	58	891	1	**554**	0	891	1	**554**
	Through-Right		1							1				1				1	
	Right	97	0	408	0	97	427	20	118	0	535	0	118	0	554	0	118	0	554
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	94	1	94	0	94	94	0	95	1	95	0	95	1	**95**	0	95	1	**95**
	Left-Through		0							0				0				0	
	Through	852	1	**472**	0	852	**472**	91	953	1	**523**	0	953	1	523	0	953	1	523
	Through-Right		1							1				1				1	
	Right	91	0	91	0	91	91	0	92	0	92	0	92	0	92	0	92	0	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	137	1	137	0	137	**137**	0	139	1	139	0	139	1	139	0	139	1	139
	Left-Through		0							0				0				0	
	Through	648	2	**245**	0	648	245	57	713	2	**269**	0	713	2	**269**	0	713	2	**269**
	Through-Right		1							1				1				1	
	Right	86	0	86	0	86	86	6	93	0	93	0	93	0	93	0	93	0	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	127	1	**127**	3	130	130	21	150	1	**150**	3	153	1	**153**	0	153	1	**153**
	Left-Through		0							0				0				0	
	Through	617	2	233	48	665	**251**	55	679	2	254	48	727	2	272	0	727	2	272
	Through-Right		1							1				1				1	
	Right	81	0	81	6	87	87	0	82	0	82	6	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		569	North-South:		569	North-South:			632	North-South:			649	North-South:			649
		East-West:		372	East-West:		388	East-West:			419	East-West:			422	East-West:			422
		SUM:		941	SUM:		957	SUM:			1051	SUM:			1071	SUM:			1071
VOLUME/CAPACITY (v/c) RATIO:				0.684			0.696				0.764				0.779				0.779
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.614			0.626				0.664				0.679				0.679
LEVEL OF SERVICE (LOS):				B			B				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.015 Δv/c after mitigation: 0.015

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
139	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	36	0	**36**	0	36	**36**	1	37	0	**37**	0	37	0	**37**	0	37	0	**37**
	Left-Through		1							1				1				1	
	Through	373	0	223	15	388	230	23	400	0	237	15	415	0	245	0	415	0	245
	Through-Right		1							1				1				1	
	Right	90	1	24	0	90	23	8	99	1	25	0	99	1	24	0	99	1	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	33	0	33	0	33	33	10	43	0	43	0	43	0	43	0	43	0	43
	Left-Through		1							1				1				1	
	Through	391	1	**229**	0	391	**229**	19	415	1	**251**	0	415	1	**251**	0	415	1	**251**
	Through-Right		0							0				0				0	
	Right	67	1	47	0	67	47	0	68	1	48	0	68	1	48	0	68	1	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	40	1	**40**	0	40	**40**	0	40	1	**40**	0	40	1	**40**	0	40	1	**40**
	Left-Through		0							0				0				0	
	Through	758	2	267	0	758	267	61	828	2	414	0	828	2	414	0	828	2	414
	Through-Right		1							0				0				0	
	Right	43	0	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	66	1	66	1	67	67	7	74	1	74	1	75	1	75	0	75	1	75
	Left-Through		0							0				0				0	
	Through	970	2	**339**	57	1027	**359**	59	1041	2	**521**	57	1098	2	**549**	0	1098	2	**549**
	Through-Right		1							0				0				0	
	Right	48	0	48	1	49	49	7	56	1	56	1	57	1	57	0	57	1	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		265	North-South:		265	North-South:			288	North-South:			288	North-South:			288
		East-West:		379	East-West:		399	East-West:			561	East-West:			589	East-West:			589
		SUM:		644	SUM:		664	SUM:			849	SUM:			877	SUM:			877
VOLUME/CAPACITY (v/c) RATIO:				0.452			0.466				0.596				0.615				0.615
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.382			0.396				0.496				0.515				0.515
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.019 Δv/c after mitigation: 0.019

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
140	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	86	1	**86**	0	86	**86**	67	154	1	**154**	0	154	1	**154**	0	154	1	**154**
	Left-Through		0							0				0				0	
	Through	1009	2	359	58	1067	378	199	1220	2	430	58	1278	2	449	0	1278	2	449
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	0	69	0	69	0	69	0	69	0	69	0	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	1	36	0	36	36	3	39	1	39	0	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	1042	2	**521**	0	1042	**521**	156	1211	2	**606**	0	1211	2	**606**	0	1211	2	**606**
	Through-Right		0							0				0				0	
	Right	82	1	0	0	82	0	50	133	1	0	0	133	1	0	0	133	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	128	1	**128**	0	128	**128**	36	166	1	**166**	0	166	1	**166**	0	166	1	**166**
	Left-Through		0							0				0				0	
	Through	538	2	202	0	538	202	64	608	2	244	0	608	2	244	0	608	2	244
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	53	123	0	123	0	123	0	123	0	123	0	123
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	101	1	101	3	104	104	3	105	1	105	3	108	1	108	0	108	1	108
	Left-Through		0							0				0				0	
	Through	634	2	**244**	59	693	**265**	66	708	2	**270**	59	767	2	**291**	0	767	2	**291**
	Through-Right		1							1				1				1	
	Right	97	0	97	6	103	103	3	101	0	101	6	107	0	107	0	107	0	107
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		607	North-South:		607	North-South:			760	North-South:			760	North-South:			760
		East-West:		372	East-West:		393	East-West:			436	East-West:			457	East-West:			457
		SUM:		979	SUM:		1000	SUM:			1196	SUM:			1217	SUM:			1217
VOLUME/CAPACITY (v/c) RATIO:				0.712			0.727				0.870				0.885				0.885
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.642			0.657				0.770				0.785				0.785
LEVEL OF SERVICE (LOS):				B			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.015 Δv/c after mitigation: 0.015

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	141	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB	WB	NB	SB
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1	1	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	23	0	23	18	41	41	0	23	0	23	18	41	0	41	0	41	0	41
	Left-Through		1							1				1				1	
	Through	789	1	313	82	871	**365**	94	893	1	**356**	82	975	1	**407**	0	975	1	**407**
	Through-Right		1							1				1				1	
	Right	59	0	313	0	59	365	22	82	0	356	0	82	0	407	0	82	0	407
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	0	36	0	36	**36**	0	36	0	**36**	0	36	0	**36**	0	36	0	**36**
	Left-Through		1							1				1				1	
	Through	742	1	**328**	0	742	328	71	822	1	355	0	822	1	379	0	822	1	379
	Through-Right		1							1				1				1	
	Right	97	0	328	0	97	328	0	98	0	355	0	98	0	379	0	98	0	379
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	71	1	**71**	0	71	**71**	0	72	1	**72**	0	72	1	**72**	0	72	1	**72**
	Left-Through		0							0				0				0	
	Through	435	1	238	0	435	238	45	485	1	263	0	485	1	263	0	485	1	263
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	91	1	91	20	111	111	21	113	1	113	20	133	1	133	0	133	1	133
	Left-Through		0							0				0				0	
	Through	636	1	**361**	52	688	**387**	46	690	1	**390**	52	742	1	**416**	0	742	1	**416**
	Through-Right		1							1				1				1	
	Right	86	0	86	0	86	86	2	89	0	89	0	89	0	89	0	89	0	89
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		351	*North-South:*		401	*North-South:*			392	*North-South:*			443	*North-South:*			443
		East-West:		432	*East-West:*		458	*East-West:*			462	*East-West:*			488	*East-West:*			488
		SUM:		783	*SUM:*		859	*SUM:*			854	*SUM:*			931	*SUM:*			931
VOLUME/CAPACITY (*V/C*) RATIO:				0.522			0.573				0.569				0.621				0.621
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.452**			**0.503**				**0.469**				**0.521**				**0.521**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.052** | $\Delta v/c$ after mitigation: **0.052**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	142	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB	WB	NB	SB
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	79	1	**79**	0	79	**79**	9	89	1	**89**	0	89	1	89	0	89	1	89
	Left-Through		0							0				0				0	
	Through	1053	1	551	58	1111	580	190	1256	1	653	58	1314	1	**682**	0	1314	1	**682**
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	51	1	51	0	51	51	8	60	1	60	0	60	1	**60**	0	60	1	**60**
	Left-Through		0							0				0				0	
	Through	1011	1	**553**	3	1014	**554**	163	1186	1	**647**	3	1189	1	649	0	1189	1	649
	Through-Right		1							1				1				1	
	Right	94	0	94	0	94	94	13	108	0	108	0	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	0	**34**	0	34	**34**	12	46	0	**46**	0	46	0	**46**	0	46	0	**46**
	Left-Through		1							1				1				1	
	Through	290	0	222	0	290	222	111	404	0	294	0	404	0	294	0	404	0	294
	Through-Right		1							1				1				1	
	Right	86	0	222	0	86	222	5	92	0	294	0	92	0	294	0	92	0	294
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through		1							1				1				1	
	Through	389	0	**256**	0	389	**256**	113	507	0	**320**	0	507	0	**320**	0	507	0	**320**
	Through-Right		1							1				1				1	
	Right	59	0	256	0	59	256	9	69	0	320	0	69	0	320	0	69	0	320
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		632	*North-South:*		633	*North-South:*			736	*North-South:*			742	*North-South:*			742
		East-West:		290	*East-West:*		290	*East-West:*			366	*East-West:*			366	*East-West:*			366
		SUM:		922	*SUM:*		923	*SUM:*			1102	*SUM:*			1108	*SUM:*			1108
VOLUME/CAPACITY (*V/C*) RATIO:				0.615			0.615				0.735				0.739				0.739
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.515**			**0.515**				**0.635**				**0.639**				**0.639**
LEVEL OF SERVICE (LOS):				**A**			**A**				**B**				**B**				**B**

PROJECT IMPACT

Change in *v/c* due to project: **0.004** | $\Delta v/c$ after mitigation: **0.004**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	143	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB	WB	NB	SB
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	20	0	20	0	20	20	0	20	0	20	0	20	0	20	0	20	0	20
	Left-Through		1							1				1				1	
	Through	735	1	**299**	37	772	**311**	117	861	1	**341**	37	898	1	**353**	0	898	1	**353**
	Through-Right		1							1				1				1	
	Right	81	0	299	0	81	311	0	82	0	341	0	82	0	353	0	82	0	353
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	40	0	**40**	0	40	**40**	0	40	0	**40**	0	40	0	**40**	0	40	0	**40**
	Left-Through		1							1				1				1	
	Through	651	1	304	20	671	311	95	754	1	339	20	774	1	346	0	774	1	346
	Through-Right		1							1				1				1	
	Right	102	0	304	0	102	311	1	104	0	339	0	104	0	346	0	104	0	346
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	118	1	**118**	0	118	118	0	119	1	119	0	119	1	119	0	119	1	119
	Left-Through		0							0				0				0	
	Through	212	1	212	0	212	**212**	154	369	1	**369**	0	369	1	**369**	0	369	1	**369**
	Through-Right		0							0				0				0	
	Right	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	27	1	27	125	152	**152**	0	27	1	**27**	125	152	1	**152**	0	152	1	**152**
	Left-Through		0							0				0				0	
	Through	348	1	**200**	0	348	232	136	488	1	271	0	488	1	303	0	488	1	303
	Through-Right		1							1				1				1	
	Right	51	0	51	64	115	115	2	54	0	54	64	118	0	118	0	118	0	118
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		339	*North-South:*		351	*North-South:*			381	*North-South:*			393	*North-South:*			393
		East-West:		318	*East-West:*		364	*East-West:*			396	*East-West:*			521	*East-West:*			521
		SUM:		657	*SUM:*		715	*SUM:*			777	*SUM:*			914	*SUM:*			914
VOLUME/CAPACITY (*V/C*) RATIO:				0.438			0.477				0.518				0.609				0.609
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.338**			**0.377**				**0.418**				**0.509**				**0.509**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.091** | $\Delta v/c$ after mitigation: **0.091**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	144	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB	WB	NB	SB
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	3	3
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	112	1	112	0	112	112	0	113	1	113	0	113	1	113	0	113	1	113
	Left-Through		0							0				0				0	
	Through	1096	2	**548**	31	1127	**564**	107	1216	2	**608**	31	1247	2	**624**	0	1247	2	**624**
	Through-Right		0							0				0				0	
	Right	91	1	0	0	91	0	6	98	1	0	0	98	1	0	0	98	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	194	1	**194**	0	194	**194**	6	202	1	**202**	0	202	1	**202**	0	202	1	**202**
	Left-Through		0							0				0				0	
	Through	890	2	445	3	893	447	112	1013	2	507	3	1016	2	508	0	1016	2	508
	Through-Right		0							0				0				0	
	Right	112	1	21	0	112	21	0	113	1	21	0	113	1	21	0	113	1	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	91	1	**91**	0	91	**91**	0	92	1	**92**	0	92	1	**92**	0	92	1	**92**
	Left-Through		0							0				0				0	
	Through	703	2	258	0	703	258	139	850	2	307	0	850	2	307	0	850	2	307
	Through-Right		1							1				1				1	
	Right	70	0	70	0	70	70	0	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	104	1	104	14	118	118	11	116	1	116	14	130	1	130	0	130	1	130
	Left-Through		0							0				0				0	
	Through	707	2	**311**	233	940	**397**	149	865	2	**368**	233	1098	2	**455**	0	1098	2	**455**
	Through-Right		1							1				1				1	
	Right	225	0	225	27	252	252	11	239	0	239	27	266	0	266	0	266	0	266
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		742	*North-South:*		758	*North-South:*			810	*North-South:*			826	*North-South:*			826
		East-West:		402	*East-West:*		488	*East-West:*			460	*East-West:*			547	*East-West:*			547
		SUM:		1144	*SUM:*		1246	*SUM:*			1270	*SUM:*			1373	*SUM:*			1373
VOLUME/CAPACITY (*V/C*) RATIO:				0.832			0.906				0.924				0.999				0.999
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.732**			**0.806**				**0.824**				**0.899**				**0.899**
LEVEL OF SERVICE (LOS):				**C**			**D**				**D**				**D**				**D**

PROJECT IMPACT

Change in *v/c* due to project: **0.075** | $\Delta v/c$ after mitigation: **0.075**

Significant impacted? **YES** | Fully mitigated? **NO**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	145	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0

	Existing Condition			Existing Plus Project			Future Condition W/O Project				Future Condition W/ Project				Future W/ Project W/ Mitigation			
Movement	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NB Left	90	1	90	0	90	90	26	117	1	117	0	117	1	117	0	117	1	117
NB Left-Through		0							0				0				0	
NB Through	463	1	268	8	471	272	22	491	1	285	8	499	1	289	0	499	1	289
NB Through-Right		1							1				1				1	
NB Right	73	0	73	0	73	73	5	79	0	79	0	79	0	79	0	79	0	79
NB Left-Through-Right		0							0				0				0	
NB Left-Right		0							0				0				0	
SB Left	69	1	69	0	69	69	3	73	1	73	0	73	1	73	0	73	1	73
SB Left-Through		0							0				0				0	
SB Through	528	2	264	1	529	265	25	559	2	280	1	560	2	280	0	560	2	280
SB Through-Right		0							0				0				0	
SB Right	91	1	64	0	91	64	14	106	1	67	0	106	1	67	0	106	1	67
SB Left-Through-Right		0							0				0				0	
SB Left-Right		0							0				0				0	
EB Left	54	1	54	0	54	54	23	78	1	78	0	78	1	78	0	78	1	78
EB Left-Through		0							0				0				0	
EB Through	923	2	331	0	923	331	171	1105	2	409	0	1105	2	409	0	1105	2	409
EB Through-Right		1							1				1				1	
EB Right	71	0	71	0	71	71	49	121	0	121	0	121	0	121	0	121	0	121
EB Left-Through-Right		0							0				0				0	
EB Left-Right		0							0				0				0	
WB Left	86	1	86	3	89	89	7	94	1	94	3	97	1	97	0	97	1	97
WB Left-Through		0							0				0				0	
WB Through	996	2	361	274	1270	454	150	1158	2	416	274	1432	2	510	0	1432	2	510
WB Through-Right		1							1				1				1	
WB Right	86	0	86	7	93	93	4	91	0	91	7	98	0	98	0	98	0	98
WB Left-Through-Right		0							0				0				0	
WB Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		354	North-South:		355	North-South:			397	North-South:			397	North-South:			397
	East-West:		417	East-West:		508	East-West:			503	East-West:			588	East-West:			588
	SUM:		771	SUM:		863	SUM:			900	SUM:			985	SUM:			985
VOLUME/CAPACITY (V/C) RATIO:			0.514			0.575				0.600				0.657				0.657
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.414			0.475				0.500				0.557				0.557
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.057 | Δv/c after mitigation: 0.057

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	146	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	3	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	3	0

	Existing Condition			Existing Plus Project			Future Condition W/O Project				Future Condition W/ Project				Future W/ Project W/ Mitigation			
Movement	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NB Left	96	1	96	0	96	96	16	113	1	113	0	113	1	113	0	113	1	113
NB Left-Through		0							0				0				0	
NB Through	946	2	473	31	977	489	168	1125	2	563	31	1156	2	578	0	1156	2	578
NB Through-Right		0							0				0				0	
NB Right	76	1	0	0	76	0	1	78	1	0	0	78	1	0	0	78	1	0
NB Left-Through-Right		0							0				0				0	
NB Left-Right		0							0				0				0	
SB Left	84	1	84	0	84	84	8	93	1	93	0	93	1	93	0	93	1	93
SB Left-Through		0							0				0				0	
SB Through	910	1	526	3	913	528	151	1072	1	612	3	1075	1	613	0	1075	1	613
SB Through-Right		1							1				1				1	
SB Right	142	0	142	0	142	142	7	151	0	151	0	151	0	151	0	151	0	151
SB Left-Through-Right		0							0				0				0	
SB Left-Right		0							0				0				0	
EB Left	160	1	160	0	160	160	13	175	1	175	0	175	1	175	0	175	1	175
EB Left-Through		0							0				0				0	
EB Through	694	2	347	0	694	347	158	860	2	430	0	860	2	430	0	860	2	430
EB Through-Right		0							0				0				0	
EB Right	54	1	6	0	54	6	22	77	1	21	0	77	1	21	0	77	1	21
EB Left-Through-Right		0							0				0				0	
EB Left-Right		0							0				0				0	
WB Left	93	1	93	47	140	140	1	95	1	95	47	142	1	142	0	142	1	142
WB Left-Through		0							0				0				0	
WB Through	831	2	306	284	1115	410	146	987	2	364	284	1271	2	468	0	1271	2	468
WB Through-Right		1							1				1				1	
WB Right	88	0	88	27	115	115	17	106	0	106	27	133	0	133	0	133	0	133
WB Left-Through-Right		0							0				0				0	
WB Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		622	North-South:		624	North-South:			725	North-South:			726	North-South:			726
	East-West:		466	East-West:		570	East-West:			539	East-West:			643	East-West:			643
	SUM:		1088	SUM:		1194	SUM:			1264	SUM:			1369	SUM:			1369
VOLUME/CAPACITY (V/C) RATIO:			0.791			0.868				0.919				0.996				0.996
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.691			0.768				0.819				0.896				0.896
LEVEL OF SERVICE (LOS):			B			C				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.077 | Δv/c after mitigation: 0.077

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	147	North-South Street:	Alvardo	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0

	Existing Condition			Existing Plus Project			Future Condition W/O Project				Future Condition W/ Project				Future W/ Project W/ Mitigation			
Movement	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NB Left	73	1	73	0	73	73	0	74	1	74	0	74	1	74	0	74	1	74
NB Left-Through		0							0				0				0	
NB Through	668	1	361	29	697	408	111	787	1	430	29	816	1	477	0	816	1	477
NB Through-Right		1							1				1				1	
NB Right	54	0	54	65	119	119	17	72	0	72	65	137	0	137	0	137	0	137
NB Left-Through-Right		0							0				0				0	
NB Left-Right		0							0				0				0	
SB Left	91	1	91	0	91	91	5	97	1	97	0	97	1	97	0	97	1	97
SB Left-Through		0							0				0				0	
SB Through	495	2	248	0	495	248	87	588	2	294	0	588	2	294	0	588	2	294
SB Through-Right		0							0				0				0	
SB Right	152	1	29	146	298	175	0	154	1	29	146	300	1	175	0	300	1	175
SB Left-Through-Right		0							0				0				0	
SB Left-Right		0							0				0				0	
EB Left	123	1	123	0	123	123	1	125	1	125	0	125	1	125	0	125	1	125
EB Left-Through		0							0				0				0	
EB Through	661	2	232	1	662	233	166	835	2	290	1	836	2	291	0	836	2	291
EB Through-Right		1							1				1				1	
EB Right	36	0	36	0	36	36	0	36	0	36	0	36	0	36	0	36	0	36
EB Left-Through-Right		0							0				0				0	
EB Left-Right		0							0				0				0	
WB Left	80	1	80	96	176	176	45	126	1	126	96	222	1	222	0	222	1	222
WB Left-Through		0							0				0				0	
WB Through	711	2	257	156	867	312	163	883	2	316	156	1039	2	371	67	1106	2	393
WB Through-Right		1							1				1				1	
WB Right	60	0	60	8	68	68	5	66	0	66	8	74	0	74	0	74	0	74
WB Left-Through-Right		0							0				0				0	
WB Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		452	North-South:		499	North-South:			527	North-South:			574	North-South:			574
	East-West:		380	East-West:		435	East-West:			441	East-West:			513	East-West:			518
	SUM:		832	SUM:		934	SUM:			968	SUM:			1087	SUM:			1092
VOLUME/CAPACITY (V/C) RATIO:			0.605			0.679				0.704				0.791				0.794
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.505			0.579				0.604				0.691				0.694
LEVEL OF SERVICE (LOS):			A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.087 | Δv/c after mitigation: 0.090

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	148	North-South Street:	Union	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0

	Existing Condition			Existing Plus Project			Future Condition W/O Project				Future Condition W/ Project				Future W/ Project W/ Mitigation			
Movement	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NB Left	95	1	95	0	95	95	0	96	1	96	0	96	1	96	0	96	1	96
NB Left-Through		0							0				0				0	
NB Through	482	0	520	0	482	520	1	489	0	527	0	489	0	527	0	489	0	527
NB Through-Right		1							1				1				1	
NB Right	38	0	0	0	38	0	0	38	0	0	0	38	0	0	0	38	0	0
NB Left-Through-Right		0							0				0				0	
NB Left-Right		0							0				0				0	
SB Left	49	1	49	0	49	49	0	50	1	50	0	50	1	50	0	50	1	50
SB Left-Through		0							0				0				0	
SB Through	517	1	517	0	517	517	1	524	1	524	0	524	1	524	0	524	1	524
SB Through-Right		0							0				0				0	
SB Right	92	1	54	0	92	54	0	93	1	54	0	93	1	54	0	93	1	54
SB Left-Through-Right		0							0				0				0	
SB Left-Right		0							0				0				0	
EB Left	77	1	77	0	77	77	0	78	1	78	0	78	1	78	0	78	1	78
EB Left-Through		0							0				0				0	
EB Through	627	2	227	66	693	249	187	822	2	292	66	888	2	314	0	888	2	314
EB Through-Right		1							1				1				1	
EB Right	53	0	53	0	53	53	0	54	0	54	0	54	0	54	0	54	0	54
EB Left-Through-Right		0							0				0				0	
EB Left-Right		0							0				0				0	
WB Left	35	1	35	10	45	45	0	35	1	35	10	45	1	45	159	204	1	204
WB Left-Through		0							0				0				0	
WB Through	586	2	215	260	846	301	212	805	2	292	260	1065	2	379	67	1132	2	401
WB Through-Right		1							1				1				1	
WB Right	58	0	58	0	58	58	12	71	0	71	0	71	0	71	0	71	0	71
WB Left-Through-Right		0							0				0				0	
WB Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		612	North-South:		612	North-South:			620	North-South:			620	North-South:			620
	East-West:		292	East-West:		378	East-West:			370	East-West:			457	East-West:			518
	SUM:		904	SUM:		990	SUM:			990	SUM:			1077	SUM:			1138
VOLUME/CAPACITY (V/C) RATIO:			0.603			0.660				0.660				0.718				0.759
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.503			0.560				0.560				0.618				0.659
LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.058 | Δv/c after mitigation: 0.099

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	149	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	86	1	86	0	86	86	0	87	1	87	0	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	826	1	446	25	851	459	107	943	1	505	25	968	1	518	0	968	1	518
	Through-Right		1							1				1				1	
	Right	66	0	66	0	66	66	0	67	0	67	0	67	0	67	0	67	0	67
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	838	1	459	17	855	468	112	960	1	526	17	977	1	535	0	977	1	535
	Through-Right		1							1				1				1	
	Right	80	0	80	0	80	80	11	92	0	92	0	92	0	92	0	92	0	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	86	1	86	0	86	86	6	93	1	93	0	93	1	93	0	93	1	93
	Left-Through		0							0				0				0	
	Through	426	1	254	0	426	254	79	510	1	297	0	510	1	297	0	510	1	297
	Through-Right		1							1				1				1	
	Right	82	0	82	0	82	82	0	83	0	83	0	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	64	1	64	3	67	67	0	65	1	65	3	68	1	68	0	68	1	68
	Left-Through		0							0				0				0	
	Through	415	1	231	48	463	258	77	497	1	273	48	545	1	300	0	545	1	300
	Through-Right		1							1				1				1	
	Right	47	0	47	6	53	53	0	48	0	48	6	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		545	North-South:		554	North-South:			613	North-South:			622	North-South:			622
		East-West:		318	East-West:		344	East-West:			366	East-West:			393	East-West:			393
		SUM:		863	SUM:		898	SUM:			979	SUM:			1015	SUM:			1015
	VOLUME/CAPACITY (V/C) RATIO:			0.575			0.599				0.653				0.677				0.677
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.475			0.499				0.553				0.577				0.577
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.024 | Δv/c after mitigation: 0.024

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	150	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through		1							1				1				1	
	Through	598	0	419	6	604	422	49	654	0	448	6	660	0	451	0	660	0	451
	Through-Right		1							1				1				1	
	Right	108	0	419	0	108	422	0	109	0	448	0	109	0	451	0	109	0	451
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	32	0	32	0	32	32	8	40	0	40	0	40	0	40	0	40	0	40
	Left-Through		1							1				1				1	
	Through	568	0	368	4	572	370	71	646	0	424	4	650	0	426	0	650	0	426
	Through-Right		1							1				1				1	
	Right	40	0	368	0	40	370	1	41	0	424	0	41	0	426	0	41	0	426
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	347	1	208	0	347	208	78	429	1	249	0	429	1	249	0	429	1	249
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	0	69	0	69	0	69	0	69	0	69	0	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	80	1	80	1	81	81	0	81	1	81	1	82	1	82	0	82	1	82
	Left-Through		0							0				0				0	
	Through	425	1	230	56	481	259	76	506	1	273	56	562	1	302	0	562	1	302
	Through-Right		1							1				1				1	
	Right	35	0	35	1	36	36	5	40	0	40	1	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		451	North-South:		454	North-South:			488	North-South:			491	North-South:			491
		East-West:		288	East-West:		293	East-West:			330	East-West:			336	East-West:			336
		SUM:		739	SUM:		747	SUM:			818	SUM:			827	SUM:			827
	VOLUME/CAPACITY (V/C) RATIO:			0.493			0.498				0.545				0.551				0.551
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.393			0.398				0.445				0.451				0.451
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.006 | Δv/c after mitigation: 0.006

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	151	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	106	1	106	0	106	106	0	107	1	107	0	107	1	107	0	107	1	107
	Left-Through		0							0				0				0	
	Through	947	1	516	25	972	529	184	1142	1	614	25	1167	1	627	0	1167	1	627
	Through-Right		1							1				1				1	
	Right	85	0	85	0	85	85	0	86	0	86	0	86	0	86	0	86	0	86
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	69	1	69	0	69	69	1	71	1	71	0	71	1	71	0	71	1	71
	Left-Through		0							0				0				0	
	Through	904	1	495	50	954	520	172	1087	1	587	50	1137	1	612	0	1137	1	612
	Through-Right		1							1				1				1	
	Right	85	0	85	0	85	85	1	87	0	87	0	87	0	87	0	87	0	87
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	71	1	71	0	71	71	1	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	443	1	258	0	443	258	85	533	1	304	0	533	1	304	0	533	1	304
	Through-Right		1							1				1				1	
	Right	73	0	73	0	73	73	0	74	0	74	0	74	0	74	0	74	0	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	75	1	75	130	205	205	0	76	1	76	130	206	1	206	0	206	1	206
	Left-Through		0							0				0				0	
	Through	530	1	314	58	588	346	80	616	1	357	58	674	1	389	0	674	1	389
	Through-Right		1							1				1				1	
	Right	97	0	97	6	103	103	0	98	0	98	6	104	0	104	0	104	0	104
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		601	North-South:		626	North-South:			694	North-South:			719	North-South:			719
		East-West:		385	East-West:		463	East-West:			430	East-West:			510	East-West:			510
		SUM:		986	SUM:		1089	SUM:			1124	SUM:			1229	SUM:			1229
	VOLUME/CAPACITY (V/C) RATIO:			0.657			0.726				0.749				0.819				0.819
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.557			0.626				0.649				0.719				0.719
	LEVEL OF SERVICE (LOS):			A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.070 | Δv/c after mitigation: 0.070

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	152	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	10	0	10	32	42	42	0	10	0	10	32	42	0	42	85	127	0	127
	Left-Through		1							1				1				0	
	Through	637	0	371	3	640	439	124	769	0	457	3	772	0	514	0	772	0	684
	Through-Right		1							1				1				1	
	Right	85	0	371	-16	69	439	18	104	0	457	-16	88	0	514	0	88	0	684
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	78	1	78	0	78	78	0	79	1	79	0	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	442	1	284	70	512	332	123	570	1	353	70	640	1	401	0	640	1	401
	Through-Right		1							1				1				1	
	Right	125	0	125	26	151	151	8	135	0	135	26	161	0	161	0	161	0	161
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	124	1	124	65	189	189	3	128	1	128	65	193	1	193	0	193	1	193
	Left-Through		0							0				0				0	
	Through	479	1	261	-64	415	229	83	568	1	306	-64	504	1	274	0	504	1	274
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	95	1	95	254	349	349	1	97	1	97	254	351	1	351	0	351	1	351
	Left-Through		0							0				0				0	
	Through	607	1	356	138	745	504	72	686	1	396	138	824	1	545	-216	608	1	437
	Through-Right		1							1				1				1	
	Right	104	0	104	159	263	263	1	106	0	106	159	265	0	265	0	265	0	265
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		449	North-South:		517	North-South:			536	North-South:			593	North-South:			763
		East-West:		480	East-West:		693	East-West:			524	East-West:			738	East-West:			630
		SUM:		929	SUM:		1210	SUM:			1060	SUM:			1331	SUM:			1393
	VOLUME/CAPACITY (V/C) RATIO:			0.652			0.849				0.744				0.934				0.978
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.552			0.749				0.644				0.834				0.878
	LEVEL OF SERVICE (LOS):			A			C				B				D				D

PROJECT IMPACT

Change in v/c due to project: 0.190 | Δv/c after mitigation: 0.234

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	153	North-South Street:	Pico	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Union	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	97	1	97	0	97	97	0	98	1	98	0	98	1	98	0	98	1	98
	Left-Through		0							0				0				0	
	Through	475	0	527	0	475	527	0	481	0	534	0	481	0	534	0	481	0	534
	Through-Right		1							1				1				1	
	Right	52	0	0	0	52	0	0	53	0	0	0	53	0	0	0	53	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	56	1	56	0	56	56	1	58	1	58	0	58	1	58	0	58	1	58
	Left-Through		0							0				0				0	
	Through	449	1	449	42	491	491	0	454	1	454	56	510	1	510	0	510	1	510
	Through-Right		0							0				0				0	
	Right	142	1	100	0	142	100	0	144	1	101	0	144	1	101	159	303	1	260
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	85	1	85	0	85	85	0	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	547	1	312	-80	467	272	101	655	1	367	-80	575	1	327	0	575	1	327
	Through-Right		1							1				1				1	
	Right	77	0	77	0	77	77	0	78	0	78	0	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	42	1	42	0	42	42	8	51	1	51	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	632	1	354	551	1183	659	72	712	1	395	551	1263	1	700	-375	888	1	513
	Through-Right		1							1				1				1	
	Right	76	0	76	59	135	135	1	78	0	78	59	137	0	137	0	137	0	137
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		583	North-South:		588	North-South:			592	North-South:			608	North-South:			608
		East-West:		439	East-West:		744	East-West:			481	East-West:			786	East-West:			599
		SUM:		1022	SUM:		1332	SUM:			1073	SUM:			1394	SUM:			1207
VOLUME/CAPACITY (V/C) RATIO:				0.681			0.888				0.715				0.929				0.805
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.581			0.788				0.615				0.829				0.705
LEVEL OF SERVICE (LOS):				A			C				B				D				C

PROJECT IMPACT

Change in v/c due to project: 0.214 Δv/c after mitigation: 0.090

Significant impacted? YES Fully mitigated? NO

I/S #:	154	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Alvarado	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 1	SB--	0	NB-- 1	SB--	0	NB--	SB--	0	NB--	1	SB--	0	NB--	1	SB--	0	NB--	1	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	732	2	366	5	737	369	68	809	2	405	5	814	2	407	0	814	2	407
	Through-Right		1							1				1				1	
	Right	499	1	0	1	500	0	143	648	1	0	1	649	1	0	0	649	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	623	2	312	16	639	320	19	650	2	325	16	666	2	333	0	666	2	333
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	563	1	288	323	886	450	124	694	1	354	323	1017	1	515	0	1017	1	515
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	13	0	288	0	13	450	0	13	0	354	0	13	0	515	0	13	0	515
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
CRITICAL VOLUMES		North-South:		366	North-South:		369	North-South:			405	North-South:			407	North-South:			407
		East-West:		288	East-West:		450	East-West:			354	East-West:			515	East-West:			515
		SUM:		654	SUM:		819	SUM:			759	SUM:			922	SUM:			922
VOLUME/CAPACITY (V/C) RATIO:				0.436			0.546				0.506				0.615				0.615
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.336			0.446				0.406				0.515				0.515
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.109 Δv/c after mitigation: 0.109

Significant impacted? NO Fully mitigated? N/A

I/S #:	155	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	93	1	93	0	93	93	0	94	1	94	0	94	1	94	0	94	1	94
	Left-Through		0							0				0				0	
	Through	1111	1	589	13	1124	595	107	1231	1	649	13	1244	1	656	0	1244	1	656
	Through-Right		1							1				1				1	
	Right	66	0	66	0	66	66	0	67	0	67	0	67	0	67	0	67	0	67
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	1019	2	510	19	1038	519	112	1143	2	572	19	1162	2	581	0	1162	2	581
	Through-Right		0							0				0				0	
	Right	65	1	27	0	65	27	0	66	1	27	0	66	1	27	0	66	1	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	77	1	77	0	77	77	0	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	293	1	184	0	293	184	34	331	1	204	0	331	1	204	0	331	1	204
	Through-Right		1							1				1				1	
	Right	75	0	75	0	75	75	0	76	0	76	0	76	0	76	0	76	0	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	68	1	68	6	74	74	0	69	1	69	6	75	1	75	0	75	1	75
	Left-Through		0							0				0				0	
	Through	331	1	194	154	485	277	28	363	1	210	154	517	1	293	0	517	1	293
	Through-Right		1							1				1				1	
	Right	56	0	56	12	68	68	0	57	0	57	12	69	0	69	0	69	0	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		628	North-South:		634	North-South:			688	North-South:			695	North-South:			695
		East-West:		271	East-West:		354	East-West:			288	East-West:			371	East-West:			371
		SUM:		899	SUM:		988	SUM:			976	SUM:			1066	SUM:			1066
VOLUME/CAPACITY (V/C) RATIO:				0.599			0.659				0.651				0.711				0.711
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.499			0.559				0.551				0.611				0.611
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.060 Δv/c after mitigation: 0.060

Significant impacted? NO Fully mitigated? N/A

I/S #:	156	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	85	1	85	0	85	85	0	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	688	1	362	3	691	364	49	745	1	391	3	748	1	392	0	748	1	392
	Through-Right		1							1				1				1	
	Right	36	0	36	0	36	36	0	36	0	36	0	36	0	36	0	36	0	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	1	36	0	36	36	0	36	1	36	0	36	1	36	0	36	1	36
	Left-Through		0							0				0				0	
	Through	627	1	339	5	632	341	71	706	1	379	5	711	1	381	0	711	1	381
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	65	1	65	0	65	65	0	66	1	66	0	66	1	66	0	66	1	66
	Left-Through		0							0				0				0	
	Through	321	1	212	0	321	212	34	359	1	231	0	359	1	231	0	359	1	231
	Through-Right		1							1				1				1	
	Right	102	0	102	0	102	102	0	103	0	103	0	103	0	103	0	103	0	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	34	1	34	2	36	36	0	34	1	34	2	36	1	36	0	36	1	36
	Left-Through		0							0				0				0	
	Through	344	1	186	172	516	273	28	376	1	202	172	548	1	289	0	548	1	289
	Through-Right		1							1				1				1	
	Right	27	0	27	3	30	30	0	27	0	27	3	30	0	30	0	30	0	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		424	North-South:		426	North-South:			465	North-South:			467	North-South:			467
		East-West:		251	East-West:		338	East-West:			268	East-West:			355	East-West:			355
		SUM:		675	SUM:		764	SUM:			733	SUM:			822	SUM:			822
VOLUME/CAPACITY (V/C) RATIO:				0.450			0.509				0.489				0.548				0.548
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.350			0.409				0.389				0.448				0.448
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.059 Δv/c after mitigation: 0.059

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
157	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	46	1	46	0	46	**46**	0	47	1	47	0	47	1	**47**	0	47	1	**47**
	Left-Through		0							0				0				0	
	Through	1071	1	**565**	13	1084	572	184	1268	1	**664**	13	1281	1	671	0	1281	1	671
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	48	1	**48**	0	48	48	0	49	1	**49**	0	49	1	49	0	49	1	49
	Left-Through		0							0				0				0	
	Through	926	1	494	179	1105	**584**	172	1109	1	586	179	1288	1	**676**	0	1288	1	**676**
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	46	1	46	0	46	**46**	0	47	1	47	0	47	1	**47**	0	47	1	**47**
	Left-Through		0							0				0				0	
	Through	349	1	**207**	0	349	207	34	387	1	**227**	0	387	1	227	0	387	1	227
	Through-Right		1							1				1				1	
	Right	65	0	65	0	65	65	0	66	0	66	0	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	60	1	**60**	6	66	66	0	61	1	**61**	6	67	1	67	0	67	1	67
	Left-Through		0							0				0				0	
	Through	338	1	207	176	514	**301**	28	370	1	223	176	546	1	**317**	0	546	1	**317**
	Through-Right		1							1				1				1	
	Right	75	0	75	12	87	87	0	76	0	76	12	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		613	North-South:		630	North-South:			713	North-South:			723	North-South:			723
		East-West:		267	East-West:		347	East-West:			288	East-West:			364	East-West:			364
		SUM:		880	SUM:		977	SUM:			1001	SUM:			1087	SUM:			1087
VOLUME/CAPACITY (V/C) RATIO:				0.587			0.651				0.667				0.725				0.725
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.487			0.551				0.567				0.625				0.625
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.058 Δv/c after mitigation: 0.058

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
158	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	76	1	**76**	0	76	**76**	0	77	1	**77**	0	77	1	**77**	0	77	1	**77**
	Left-Through		0							0				0				0	
	Through	956	2	333	4	960	334	210	1178	2	409	4	1182	2	410	0	1182	2	410
	Through-Right		1							1				1				1	
	Right	42	0	42	1	43	43	5	48	0	48	1	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	988	2	**494**	288	1276	**638**	143	1143	2	**572**	288	1431	2	**716**	0	1431	2	**716**
	Through-Right		0							0				0				0	
	Right	115	1	57	51	166	108	0	116	1	57	51	167	1	108	0	167	1	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	117	1	**117**	0	117	**117**	0	118	1	**118**	0	118	1	**118**	0	118	1	**118**
	Left-Through		0							0				0				0	
	Through	218	1	155	0	218	155	34	255	1	174	0	255	1	174	0	255	1	174
	Through-Right		1							1				1				1	
	Right	91	0	91	0	91	91	0	92	0	92	0	92	0	92	0	92	0	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	118	1	118	81	199	**199**	13	132	1	132	81	213	1	213	0	213	1	213
	Left-Through		0							0				0				0	
	Through	278	1	**195**	143	421	**268**	28	309	1	**211**	143	452	1	**284**	0	452	1	**284**
	Through-Right		1							1				1				1	
	Right	112	0	112	3	115	115	0	113	0	113	3	116	0	116	0	116	0	116
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		570	North-South:		714	North-South:			649	North-South:			793	North-South:			793
		East-West:		312	East-West:		385	East-West:			329	East-West:			402	East-West:			402
		SUM:		882	SUM:		1099	SUM:			978	SUM:			1195	SUM:			1195
VOLUME/CAPACITY (V/C) RATIO:				0.619			0.771				0.686				0.839				0.839
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.519			0.671				0.586				0.739				0.739
LEVEL OF SERVICE (LOS):				A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.153 Δv/c after mitigation: 0.153

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
159	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	76	1	76	0	76	**76**	0	77	1	77	0	77	1	**77**	0	77	1	**77**
	Left-Through		0							0				0				0	
	Through	993	1	**531**	0	993	531	107	1112	1	**591**	0	1112	1	591	0	1112	1	591
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	0	69	0	69	0	69	0	69	0	69	0	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	51	1	**51**	0	51	51	0	52	1	**52**	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	949	1	497	25	974	**509**	112	1072	1	559	25	1097	1	**571**	0	1097	1	**571**
	Through-Right		1							1				1				1	
	Right	44	0	44	0	44	44	0	45	0	45	0	45	0	45	0	45	0	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	46	1	46	0	46	**46**	0	47	1	47	0	47	1	**47**	0	47	1	**47**
	Left-Through		0							0				0				0	
	Through	267	2	**112**	1	268	112	77	347	2	**139**	1	348	2	139	0	348	2	139
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	0	70	0	70	0	70	0	70	0	70	0	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	72	1	**72**	7	79	79	0	73	1	**73**	7	80	1	80	0	80	1	80
	Left-Through		0							0				0				0	
	Through	296	2	125	163	459	**184**	79	379	2	153	163	542	2	**212**	0	542	2	**212**
	Through-Right		1							1				1				1	
	Right	79	0	79	13	92	92	0	80	0	80	13	93	0	93	0	93	0	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		582	North-South:		585	North-South:			643	North-South:			648	North-South:			648
		East-West:		184	East-West:		230	East-West:			212	East-West:			259	East-West:			259
		SUM:		766	SUM:		815	SUM:			855	SUM:			907	SUM:			907
VOLUME/CAPACITY (V/C) RATIO:				0.557			0.593				0.622				0.660				0.660
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.457			0.493				0.522				0.560				0.560
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.038 Δv/c after mitigation: 0.038

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
160	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	103	1	103	0	103	103	0	104	1	**104**	0	104	1	**104**	0	104	1	**104**
	Left-Through		0							0				0				0	
	Through	747	1	**424**	0	747	**424**	49	805	1	454	0	805	1	454	0	805	1	454
	Through-Right		1							1				1				1	
	Right	101	0	101	0	101	101	0	102	0	102	0	102	0	102	0	102	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	46	1	**46**	0	46	**46**	0	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	684	1	363	6	690	366	71	763	1	**402**	6	769	1	**405**	0	769	1	**405**
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	45	1	45	0	45	**45**	0	46	1	46	0	46	1	**46**	0	46	1	**46**
	Left-Through		0							0				0				0	
	Through	231	2	**107**	1	232	107	77	311	2	**134**	1	312	2	134	0	312	2	134
	Through-Right		1							1				1				1	
	Right	89	0	89	0	89	89	0	90	0	90	0	90	0	90	0	90	0	90
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	91	1	**91**	2	93	93	0	92	1	**92**	2	94	1	94	0	94	1	94
	Left-Through		0							0				0				0	
	Through	245	2	96	182	427	**158**	79	327	2	124	182	509	2	**186**	0	509	2	**186**
	Through-Right		1							1				1				1	
	Right	44	0	44	3	47	47	0	45	0	45	3	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		470	North-South:		470	North-South:			506	North-South:			509	North-South:			509
		East-West:		198	East-West:		203	East-West:			226	East-West:			232	East-West:			232
		SUM:		668	SUM:		673	SUM:			732	SUM:			741	SUM:			741
VOLUME/CAPACITY (V/C) RATIO:				0.486			0.489				0.532				0.539				0.539
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.386			0.389				0.432				0.439				0.439
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.007 Δv/c after mitigation: 0.007

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	161	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	64	1	64	0	64	**64**	0	65	1	65	0	65	1	**65**	0	65	1	**65**
	Left-Through		0							0				0				0	
	Through	1009	2	**505**	0	1009	505	184	1205	2	**603**	0	1205	2	603	0	1205	2	603
	Through-Right		0							0				0				0	
	Right	81	1	0	0	81	0	0	82	1	0	0	82	1	0	0	82	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	67	1	**67**	0	67	67	0	68	1	**68**	0	68	1	68	0	68	1	68
	Left-Through		0							0				0				0	
	Through	974	2	487	185	1159	**580**	172	1158	2	579	185	1343	2	**672**	0	1343	2	**672**
	Through-Right		0							0				0				0	
	Right	53	1	6	0	53	6	0	54	1	6	0	54	1	6	0	54	1	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	95	1	95	0	95	**95**	0	96	1	96	0	96	1	**96**	0	96	1	**96**
	Left-Through		0							0				0				0	
	Through	307	2	**154**	1	308	154	77	388	2	**194**	1	389	2	195	0	389	2	195
	Through-Right		0							0				0				0	
	Right	46	1	14	0	46	14	0	47	1	15	0	47	1	15	0	47	1	15
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	102	1	**102**	7	109	109	0	103	1	**103**	7	110	1	110	0	110	1	110
	Left-Through		0							0				0				0	
	Through	342	2	130	187	529	**197**	79	425	2	158	187	612	2	**225**	0	612	2	**225**
	Through-Right		1							1				1				1	
	Right	48	0	48	13	61	61	0	49	0	49	13	62	0	62	0	62	0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		572	North-South:		644	North-South:			671	North-South:			737	North-South:			737
		East-West:		256	East-West:		292	East-West:			297	East-West:			321	East-West:			321
		SUM:		828	SUM:		936	SUM:			968	SUM:			1058	SUM:			1058
VOLUME/CAPACITY (V/C) RATIO:				0.602			0.681				0.704				0.769				0.769
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.502			0.581				0.604				0.669				0.669
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.065 | Δv/c after mitigation: 0.065
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	162	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	77	1	77	0	77	**77**	0	78	1	78	0	78	1	**78**	0	78	1	**78**
	Left-Through		0							0				0				0	
	Through	844	2	**422**	2	846	423	200	1054	2	**527**	2	1056	2	528	0	1056	2	528
	Through-Right		0							0				0				0	
	Right	87	1	51	0	87	44	0	88	1	52	0	88	1	45	0	88	1	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	119	1	**119**	0	119	119	12	132	1	**132**	0	132	1	132	0	132	1	132
	Left-Through		0							0				0				0	
	Through	918	2	459	318	1236	**618**	144	1073	2	537	318	1391	2	**696**	0	1391	2	**696**
	Through-Right		0							0				0				0	
	Right	154	1	95	51	205	146	0	156	1	96	51	207	1	147	0	207	1	147
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	119	1	**119**	0	119	**119**	0	120	1	**120**	0	120	1	**120**	0	120	1	**120**
	Left-Through		0							0				0				0	
	Through	301	2	114	1	302	115	77	382	2	142	1	383	2	142	0	383	2	142
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	72	1	72	14	86	86	0	73	1	73	14	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	284	2	**122**	156	440	**175**	79	366	2	**155**	156	522	2	**208**	65	587	2	**230**
	Through-Right		1							1				1				1	
	Right	82	0	82	3	85	85	16	99	0	99	3	102	0	102	0	102	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		541	North-South:		695	North-South:			659	North-South:			774	North-South:			774
		East-West:		241	East-West:		294	East-West:			275	East-West:			328	East-West:			350
		SUM:		782	SUM:		989	SUM:			934	SUM:			1102	SUM:			1124
VOLUME/CAPACITY (V/C) RATIO:				0.549			0.694				0.655				0.773				0.789
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.449			0.594				0.555				0.673				0.689
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.118 | Δv/c after mitigation: 0.134
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	163	North-South Street:	I-10 WB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	20th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	40	1	40	0	40	40	0	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	285	1	**285**	2	287	**287**	51	339	1	**339**	2	341	1	**341**	0	341	1	**341**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	32	0	**55**	0	32	**55**	0	32	0	**55**	0	32	0	**55**	0	32	0	**55**
	Through-Right		1							1				1				1	
	Right	23	0	0	0	23	0	0	23	0	0	0	23	0	0	0	23	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	498	1	**498**	306	804	**804**	97	601	1	**601**	306	907	1	**907**	0	907	1	**907**
	Left-Through		0							0				0				0	
	Through	46	1	46	0	46	46	0	47	1	47	0	47	1	47	0	47	1	47
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		285	North-South:		287	North-South:			339	North-South:			341	North-South:			341
		East-West:		553	East-West:		859	East-West:			656	East-West:			962	East-West:			962
		SUM:		838	SUM:		1146	SUM:			995	SUM:			1303	SUM:			1303
VOLUME/CAPACITY (V/C) RATIO:				0.559			0.764				0.663				0.869				0.869
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.459			0.664				0.563				0.769				0.769
LEVEL OF SERVICE (LOS):				A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.206 | Δv/c after mitigation: 0.206
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	164	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	I-10 EB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	799	2	**400**	0	799	**400**	147	956	2	**478**	0	956	2	**478**	0	956	2	**478**
	Through-Right		0							0				0				0	
	Right	159	1	159	0	159	159	0	161	1	161	0	161	1	161	0	161	1	161
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	474	2	**261**	0	474	**261**	34	514	2	**283**	0	514	2	**283**	0	514	2	**283**
	Left-Through		0							0				0				0	
	Through	700	2	350	32	732	366	65	773	2	387	32	805	2	403	0	805	2	403
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	346	1	**346**	0	346	**346**	66	416	1	**416**	0	416	1	**416**	0	416	1	**416**
	Left-Through		0							0				0				0	
	Through	18	1	272	0	18	272	0	18	0	317	0	18	0	317	0	18	0	317
	Through-Right		1							1				1				1	
	Right	254	0	0	0	254	0	42	299	0	0	0	299	0	0	0	299	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		661	North-South:		661	North-South:			761	North-South:			761	North-South:			761
		East-West:		346	East-West:		346	East-West:			416	East-West:			416	East-West:			416
		SUM:		1007	SUM:		1007	SUM:			1177	SUM:			1177	SUM:			1177
VOLUME/CAPACITY (V/C) RATIO:				0.707			0.707				0.826				0.826				0.826
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.607			0.607				0.726				0.726				0.726
LEVEL OF SERVICE (LOS):				B			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	I-10 EB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
165	East-West Street:	Hoover	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	672	2	302	0	672	302	110	790	2	343	0	790	2	343	0	790	2	343
	Through-Right		1							1				1				1	
	Right	235	0	235	0	235	235	0	238	0	238	0	238	0	238	0	238	0	238
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	230	1	230	0	230	230	1	234	1	234	0	234	1	234	0	234	1	234
	Left-Through		0							0				0				0	
	Through	734	3	245	26	760	253	73	816	3	272	26	842	3	281	0	842	3	281
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	390	1	309	0	390	309	65	460	1	352	0	460	1	352	0	460	1	352
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	228	0	309	0	228	309	13	244	0	352	0	244	0	352	0	244	0	352
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	532		North-South:	532			North-South:	577			North-South:	577			North-South:	577
			East-West:	309		East-West:	309			East-West:	352			East-West:	352			East-West:	352
			SUM:	841		SUM:	841			SUM:	929			SUM:	929			SUM:	929
	VOLUME/CAPACITY (v/c) RATIO:			0.590			0.590				0.652				0.652				0.652
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.490			0.490				0.552				0.552				0.552
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
166	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	Left-Through		1							1				1				1	
	Through	81	0	62	0	81	97	118	200	0	134	0	200	0	186	0	200	0	186
	Through-Right		1							1				1				1	
	Right	16	0	62	0	16	0	0	16	0	134	0	16	0	186	0	16	0	186
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	0	17	174	191	191	4	21	0	21	174	195	0	195	0	195	0	195
	Left-Through		1							1				1				1	
	Through	189	0	110	1336	1525	906	147	338	0	192	1336	1674	0	987	0	1674	0	987
	Through-Right		1							1				1				1	
	Right	14	0	110	81	95	906	10	24	0	192	81	105	0	987	0	105	0	987
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through		1							1				1				1	
	Through	146	0	83	384	530	532	4	152	0	86	384	536	0	538	0	536	0	538
	Through-Right		1							1				1				1	
	Right	18	0	83	559	577	564	0	18	0	86	559	577	0	577	0	577	0	577
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	13	0	13	0	13	13	0	13	0	13	0	13	0	13	0	13	0	13
	Left-Through		1							1				1				1	
	Through	115	0	66	39	154	118	20	136	0	80	39	175	0	132	0	175	0	132
	Through-Right		1							1				1				1	
	Right	4	0	66	0	4	118	6	10	0	80	0	10	0	132	0	10	0	132
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	136		North-South:	932			North-South:	218			North-South:	1013			North-South:	1013
			East-West:	96		East-West:	577			East-West:	99			East-West:	590			East-West:	590
			SUM:	232		SUM:	1509			SUM:	317			SUM:	1603			SUM:	1603
	VOLUME/CAPACITY (v/c) RATIO:			0.155			1.006				0.211				1.069				1.069
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.077			0.906				0.111				0.969				0.969
	LEVEL OF SERVICE (LOS):			A			E				A				E				E

PROJECT IMPACT

Change in v/c due to project: 0.858 | Δv/c after mitigation: 0.858

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
167	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	12	1	12	17	29	29	11	23	1	23	17	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	190	1	101	-2	188	100	91	283	1	147	-2	281	1	146	0	281	1	146
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	263	1	140	91	354	186	91	357	1	189	91	448	1	235	0	448	1	235
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	4	21	0	21	0	21	0	21	0	21	0	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through		1							1				1				1	
	Through	122	0	88	481	603	367	5	128	1	93	481	609	1	372	0	609	1	372
	Through-Right		1							1				1				1	
	Right	42	0	88	78	120	367	3	46	0	93	78	124	0	372	0	124	0	372
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
	Left-Through		1							1				1				1	
	Through	94	0	59	22	116	85	12	107	0	65	22	129	0	91	0	129	0	91
	Through-Right		1							1				1				1	
	Right	13	0	59	0	13	85	0	13	0	65	0	13	0	91	0	13	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	152		North-South:	215			North-South:	212			North-South:	275			North-South:	275
			East-West:	98		East-West:	377			East-West:	103			East-West:	382			East-West:	382
			SUM:	250		SUM:	592			SUM:	315			SUM:	657			SUM:	657
	VOLUME/CAPACITY (v/c) RATIO:			0.167			0.395				0.210				0.438				0.438
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.083			0.295				0.110				0.338				0.338
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.228 | Δv/c after mitigation: 0.228

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
168	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	16	1	16	0	16	16	0	16	1	16	0	16	1	16	0	16	1	16
	Left-Through		0							0				0				0	
	Through	173	1	90	0	173	90	110	285	1	146	0	285	1	146	0	285	1	146
	Through-Right		1							1				1				1	
	Right	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	199	1	106	2	201	111	113	314	0	331	2	316	0	341	0	316	0	341
	Through-Right		1							1				1				1	
	Right	13	0	13	8	21	21	4	17	0	0	8	25	0	0	0	25	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	32	0	32	4	36	36	0	32	0	32	4	36	0	36	0	36	0	36
	Left-Through		1							1				1				1	
	Through	81	1	69	477	558	309	5	87	0	72	477	564	0	312	0	564	0	312
	Through-Right		1							1				1				1	
	Right	24	0	69	0	24	309	0	24	0	72	0	24	0	312	0	24	0	312
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	5	0	5	0	5	5	0	5	0	5	0	5	0	5	0	5	0	5
	Left-Through		1							1				1				1	
	Through	85	0	47	14	99	56	7	93	0	51	14	107	0	60	0	107	0	60
	Through-Right		1							1				1				1	
	Right	3	0	47	0	3	56	0	3	0	51	0	3	0	60	0	3	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	122		North-South:	127			North-South:	347			North-South:	357			North-South:	357
			East-West:	79		East-West:	314			East-West:	83			East-West:	317			East-West:	317
			SUM:	201		SUM:	441			SUM:	430			SUM:	674			SUM:	674
	VOLUME/CAPACITY (v/c) RATIO:			0.134			0.294				0.287				0.449				0.449
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.067			0.194				0.187				0.349				0.349
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.162 | Δv/c after mitigation: 0.162

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
169	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through		1							1				1				1	
	Through	84	0	45	0	84	45	28	113	0	60	0	113	0	60	0	113	0	60
	Through-Right		1							1				1				1	
	Right	3	0	45	0	3	45	0	3	0	60	0	3	0	60	0	3	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
	Left-Through		1							1				1				1	
	Through	259	0	**136**	1	260	**137**	23	285	0	**149**	1	286	0	**150**	0	286	0	**150**
	Through-Right		1							1				1				1	
	Right	6	0	136	0	6	137	0	6	0	149	0	6	0	150	0	6	0	150
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	6	0	6	0	6	6	0	6	0	**6**	0	6	0	6	0	6	0	6
	Left-Through		1							1				1				1	
	Through	64	0	**49**	459	523	**279**	0	65	0	50	459	524	0	**279**	0	524	0	**279**
	Through-Right		1							1				1				1	
	Right	28	0	49	0	28	279	0	28	0	50	0	28	0	279	0	28	0	279
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	23	0	**23**	0	23	**23**	0	23	0	23	0	23	0	**23**	0	23	0	**23**
	Left-Through		1							1				1				1	
	Through	99	0	66	14	113	84	7	107	0	**70**	14	121	0	88	0	121	0	88
	Through-Right		1							1				1				1	
	Right	9	0	66	0	9	84	0	9	0	70	0	9	0	88	0	9	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		139	North-South:		140	North-South:			152	North-South:			153	North-South:			153
		East-West:		72	East-West:		302	East-West:			76	East-West:			302	East-West:			302
		SUM:		211	SUM:		442	SUM:			228	SUM:			455	SUM:			455
VOLUME/CAPACITY (V/C) RATIO:				0.141			0.295				0.152				0.303				0.303
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.070			0.195				0.076				0.203				0.203
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.127 Δv/c after mitigation: 0.127

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
170	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	52	1	**52**	0	52	**52**	0	53	1	**53**	0	53	1	**53**	0	53	1	**53**
	Left-Through		0							0				0				0	
	Through	148	2	74	0	148	74	0	150	2	75	0	150	2	75	0	150	2	75
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	404	1	**251**	0	404	**254**	0	409	1	**254**	0	409	1	**257**	0	409	1	**257**
	Through-Right		1							1				1				1	
	Right	97	0	97	6	103	103	0	98	0	98	6	104	0	104	0	104	0	104
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	18	1	18	0	18	18	0	18	1	18	0	18	1	18	0	18	1	18
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	71	1	**45**	458	529	**503**	0	72	1	**46**	458	530	1	**504**	0	530	1	**504**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	215	1	**215**	0	215	**215**	0	218	1	**218**	0	218	1	**218**	0	218	1	**218**
	Left-Through		0							0				0				0	
	Through	124	1	120	14	138	127	7	132	1	125	14	146	1	132	0	146	1	132
	Through-Right		1							1				1				1	
	Right	116	0	116	0	116	116	0	117	0	117	0	117	0	117	0	117	0	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		303	North-South:		306	North-South:			307	North-South:			310	North-South:			310
		East-West:		260	East-West:		718	East-West:			264	East-West:			722	East-West:			722
		SUM:		563	SUM:		1024	SUM:			571	SUM:			1032	SUM:			1032
VOLUME/CAPACITY (V/C) RATIO:				0.375			0.683				0.381				0.688				0.688
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.275			0.583				0.281				0.588				0.588
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.307 Δv/c after mitigation: 0.307

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
171	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	127	1	**127**	0	127	**127**	0	129	1	**129**	0	129	1	**129**	0	129	1	**129**
	Left-Through		0							0				0				0	
	Through	151	2	76	1	152	76	40	193	2	97	1	194	2	97	0	194	2	97
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	270	1	**189**	112	382	**245**	42	315	1	**212**	112	427	1	**268**	0	427	1	**268**
	Through-Right		1							1				1				1	
	Right	107	0	107	1	108	108	0	108	0	108	1	109	0	109	0	109	0	109
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	223	0	**223**	0	223	**223**	0	226	0	**226**	0	226	0	**226**	0	226	0	**226**
	Left-Through		1							1				1				1	
	Through	130	2	65	4	134	67	7	139	2	70	4	143	2	72	0	143	2	72
	Through-Right		0							0				0				0	
	Right	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		316	North-South:		372	North-South:			341	North-South:			397	North-South:			397
		East-West:		223	East-West:		223	East-West:			226	East-West:			226	East-West:			226
		SUM:		539	SUM:		595	SUM:			567	SUM:			623	SUM:			623
VOLUME/CAPACITY (V/C) RATIO:				0.378			0.418				0.398				0.437				0.437
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.278			0.318				0.298				0.337				0.337
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.039 Δv/c after mitigation: 0.039

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
172	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	34	1	**34**	4	38	**38**	0	34	1	34	4	38	1	**38**	0	38	1	**38**
	Left-Through		0							0				0				0	
	Through	401	1	**213**	-4	397	211	85	491	1	**258**	-4	487	1	256	0	487	1	256
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	0	25	0	25	0	25	0	25	0	25	0	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	27	1	**27**	19	46	46	12	39	1	**39**	19	58	1	58	0	58	1	58
	Left-Through		0							0				0				0	
	Through	370	1	200	93	463	**247**	117	491	1	262	93	584	1	**309**	0	584	1	**309**
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	3	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	75	1	**75**	5	80	80	7	83	1	**83**	5	88	1	88	0	88	1	88
	Left-Through		0							0				0				0	
	Through	232	1	156	325	557	**334**	60	295	1	188	325	620	1	**366**	0	620	1	**366**
	Through-Right		1							1				1				1	
	Right	79	0	79	32	111	111	0	80	0	80	32	112	0	112	0	112	0	112
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	48	1	48	0	48	**48**	0	49	1	49	0	49	1	**49**	0	49	1	**49**
	Left-Through		0							0				0				0	
	Through	226	1	**133**	1	227	133	57	286	1	**172**	1	287	1	173	0	287	1	173
	Through-Right		1							1				1				1	
	Right	39	0	39	0	39	39	19	58	0	58	0	58	0	58	0	58	0	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		240	North-South:		285	North-South:			297	North-South:			347	North-South:			347
		East-West:		208	East-West:		382	East-West:			255	East-West:			415	East-West:			415
		SUM:		448	SUM:		667	SUM:			552	SUM:			762	SUM:			762
VOLUME/CAPACITY (V/C) RATIO:				0.326			0.485				0.401				0.554				0.554
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.226			0.385				0.301				0.454				0.454
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.153 Δv/c after mitigation: 0.153

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	173	North-South Street:	Wilton Place (ext. of Arlington)	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1	1	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	49	1	**49**	0	49	**49**	0	50	1	**50**	0	50	1	**50**	0	50	1	**50**
	Left-Through		0							0				0				0	
	Through	619	1	342	0	619	342	0	626	1	346	0	626	1	346	0	626	1	346
	Through-Right		1							1				1				1	
	Right	65	0	65	0	65	65	0	66	0	66	0	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	24	1	24	0	24	24	0	24	1	24	0	24	1	24	0	24	1	24
	Left-Through		0							0				0				0	
	Through	579	1	**329**	0	579	**329**	0	586	1	**333**	0	586	1	**333**	0	586	1	**333**
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	0	80	0	80	0	80	0	80	0	80	0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	144	1	**144**	0	144	**144**	0	146	1	**146**	0	146	1	**146**	0	146	1	**146**
	Left-Through		0							0				0				0	
	Through	710	2	251	0	710	251	62	781	2	275	0	781	2	275	0	781	2	275
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	100	1	100	0	100	100	0	101	1	101	0	101	1	101	0	101	1	101
	Left-Through		0							0				0				0	
	Through	641	2	**225**	48	689	**241**	66	715	2	**250**	48	763	2	**266**	0	763	2	**266**
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		378	*North-South:*		378	*North-South:*			383	*North-South:*			383	*North-South:*			383
		East-West:		369	*East-West:*		385	*East-West:*			396	*East-West:*			412	*East-West:*			475
		SUM:		747	*SUM:*		763	*SUM:*			779	*SUM:*			795	*SUM:*			795
VOLUME/CAPACITY (*V/C*) RATIO:				0.498			0.509				0.519				0.530				0.530
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.428**			**0.439**				**0.419**				**0.430**				**0.430**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.011** $\Delta v/c$ after mitigation: **0.011**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	174	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	49	1	49	0	49	49	0	50	1	50	0	50	1	50	0	50	1	50
	Left-Through		0							0				0				0	
	Through	508	2	**254**	0	508	**254**	0	514	2	**257**	0	514	2	**257**	0	514	2	**257**
	Through-Right		1							1				1				1	
	Right	59	1	29	0	59	29	0	60	1	29	0	60	1	29	0	60	1	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	71	1	**71**	0	71	**71**	0	72	1	**72**	0	72	1	**72**	0	72	1	**72**
	Left-Through		0							0				0				0	
	Through	495	2	248	0	495	248	0	501	2	251	0	501	2	251	0	501	2	251
	Through-Right		0							0				0				0	
	Right	103	1	49	0	103	49	0	104	1	50	0	104	1	50	0	104	1	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	108	1	**108**	0	108	**108**	0	109	1	**109**	0	109	1	**109**	0	109	1	**109**
	Left-Through		0							0				0				0	
	Through	732	3	244	0	732	244	139	880	3	293	0	880	3	293	0	880	3	293
	Through-Right		0							0				0				0	
	Right	51	1	27	0	51	27	0	52	1	27	0	52	1	27	0	52	1	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	61	1	61	0	61	61	0	62	1	62	0	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	708	3	**236**	233	941	**314**	149	866	3	**289**	233	1099	3	**366**	0	1099	3	**366**
	Through-Right		0							0				0				0	
	Right	55	1	20	0	55	20	0	56	1	20	0	56	1	20	0	56	1	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		325	*North-South:*		325	*North-South:*			329	*North-South:*			329	*North-South:*			329
		East-West:		344	*East-West:*		422	*East-West:*			398	*East-West:*			475	*East-West:*			475
		SUM:		669	*SUM:*		747	*SUM:*			727	*SUM:*			804	*SUM:*			804
VOLUME/CAPACITY (*V/C*) RATIO:				0.446			0.498				0.485				0.536				0.536
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.346**			**0.398**				**0.385**				**0.436**				**0.436**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.051** $\Delta v/c$ after mitigation: **0.051**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	175	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	77	1	**77**	0	77	**77**	0	78	1	**78**	0	78	1	**78**	0	78	1	**78**
	Left-Through		0							0				0				0	
	Through	497	2	249	0	497	249	0	503	2	252	0	503	2	252	0	503	2	252
	Through-Right		0							0				0				0	
	Right	42	1	24	0	42	24	0	43	1	25	0	43	1	25	0	43	1	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	65	1	65	0	65	65	0	66	1	66	0	66	1	66	0	66	1	66
	Left-Through		0							0				0				0	
	Through	480	2	**240**	0	480	**240**	0	486	2	**243**	0	486	2	**243**	0	486	2	**243**
	Through-Right		0							0				0				0	
	Right	72	1	40	0	72	40	0	73	1	40	0	73	1	40	0	73	1	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	65	1	**65**	0	65	**65**	0	66	1	**66**	0	66	1	**66**	0	66	1	**66**
	Left-Through		0							0				0				0	
	Through	460	1	258	0	460	258	85	551	1	304	0	551	1	304	0	551	1	304
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	417	1	**238**	48	465	**262**	88	510	1	**285**	48	558	1	**309**	0	558	1	**309**
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		317	*North-South:*		317	*North-South:*			321	*North-South:*			321	*North-South:*			321
		East-West:		303	*East-West:*		327	*East-West:*			351	*East-West:*			375	*East-West:*			375
		SUM:		620	*SUM:*		644	*SUM:*			672	*SUM:*			696	*SUM:*			696
VOLUME/CAPACITY (*V/C*) RATIO:				0.413			0.429				0.448				0.464				0.464
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.313**			**0.329**				**0.348**				**0.364**				**0.364**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.016** $\Delta v/c$ after mitigation: **0.016**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	176	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	48	0	**48**	0	48	**48**	0	49	0	**49**	0	49	0	**49**	0	49	0	**49**
	Left-Through		1							1				1				1	
	Through	582	0	360	0	582	360	0	589	0	365	0	589	0	365	0	589	0	365
	Through-Right		1							1				1				1	
	Right	42	0	360	0	42	360	0	43	0	365	0	43	0	365	0	43	0	365
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through		1							1				1				1	
	Through	536	0	**352**	0	536	**352**	0	542	0	**355**	0	542	0	**355**	0	542	0	**355**
	Through-Right		1							1				1				1	
	Right	51	0	352	0	51	352	0	52	0	355	0	52	0	355	0	52	0	355
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	411	2	**206**	0	411	**206**	34	450	2	**225**	0	450	2	**225**	0	450	2	**225**
	Through-Right		0							0				0				0	
	Right	76	1	76	0	76	76	0	77	1	77	0	77	1	77	0	77	1	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	42	1	42	0	42	42	0	43	1	43	0	43	1	43	0	43	1	43
	Left-Through		0							0				0				0	
	Through	418	1	**231**	154	572	**308**	28	451	1	**248**	154	605	1	**325**	0	605	1	**325**
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		400	*North-South:*		400	*North-South:*			404	*North-South:*			404	*North-South:*			404
		East-West:		437	*East-West:*		514	*East-West:*			473	*East-West:*			550	*East-West:*			550
		SUM:		837	*SUM:*		914	*SUM:*			877	*SUM:*			954	*SUM:*			954
VOLUME/CAPACITY (*V/C*) RATIO:				0.558			0.609				0.585				0.636				0.636
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.458**			**0.509**				**0.485**				**0.536**				**0.536**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.051** $\Delta v/c$ after mitigation: **0.051**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
177	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
	No. of Phases			2			2			2	2			2				2	2
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0	0			0				0	0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB-- EB-- 0 WB--		0	NB-- 0 SB-- EB-- 0 WB--		0	NB-- 0 SB-- EB-- 0 WB--			0	NB-- 0 SB-- EB-- 0 WB--			0	NB-- 0 SB-- EB-- 0 WB--			0	0
	ATSAC-1 or ATSAC+ATCS-2?			2			2				2				2				2
	Override Capacity			0			0				0				0				0
NORTHBOUND	Left	48	0	48	0	48	48	0	49	0	49	0	49	0	49	0	49	0	49
	Left-Through		1							1				1				1	
	Through	584	0	**430**	0	584	**430**	0	591	0	**436**	0	591	0	**436**	0	591	0	**436**
	Through-Right		1							1				1				1	
	Right	83	0	430	0	83	430	0	84	0	436	0	84	0	436	0	84	0	436
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	25	0	**25**	0	25	**25**	0	25	0	**25**	0	25	0	**25**	0	25	0	**25**
	Left-Through		1							1				1				1	
	Through	624	0	384	0	624	384	0	632	0	388	0	632	0	388	0	632	0	388
	Through-Right		1							1				1				1	
	Right	43	0	384	0	43	384	0	44	0	388	0	44	0	388	0	44	0	388
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	61	1	61	0	61	61	0	62	1	62	0	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	319	1	**198**	1	320	**199**	77	400	1	**239**	1	401	1	**240**	0	401	1	**240**
	Through-Right		1							1				1				1	
	Right	77	0	77	0	77	77	0	78	0	78	0	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	82	1	**82**	0	82	**82**	0	83	1	**83**	0	83	1	**83**	0	83	1	**83**
	Left-Through		0							0				0				0	
	Through	291	2	109	163	454	163	79	374	2	137	163	537	2	191	0	537	2	191
	Through-Right		1							1				1				1	
	Right	36	0	36	0	36	36	0	36	0	36	0	36	0	36	0	36	0	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		455	*North-South:*		455	*North-South:*			461	*North-South:*			461	*North-South:*			461
		East-West:		280	*East-West:*		281	*East-West:*			322	*East-West:*			323	*East-West:*			323
		SUM:		735	*SUM:*		736	*SUM:*			783	*SUM:*			784	*SUM:*			784
	VOLUME/CAPACITY *(V/C)* RATIO:			0.490			0.491				0.522				0.523				0.523
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.390			0.391				0.422				0.423				0.423
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project:	0.001	*Δv/c* after mitigation:	0.001
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	1	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB-- 0	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	13	0	**13**	0	13	**13**	29	42	0	**42**	0	42	0	**42**	0	42	0	**42**
	Left-Through		1							1				1				1	
	Through	16	1	15	-6	10	10	23	39	1	39	-6	33	1	33	0	33	1	33
	Through-Right		0							0				0				0	
	Right	62	1	0	33	95	0	8	71	1	0	57	128	1	0	0	128	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through		0							0				0				0	
	Through	7	0	**42**	0	7	**42**	0	7	0	**85**	0	7	0	**85**	0	7	0	**85**
	Through-Right		0							0				0				0	
	Right	16	0	0	0	16	0	43	59	0	0	0	59	0	0	0	59	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	291	1	**291**	65	356	**356**	93	388	1	**388**	65	453	1	**453**	0	453	1	**453**
	Left-Through		0							0				0				0	
	Through	1006	3	335	465	1471	490	254	1272	3	424	508	1780	3	593	0	1780	3	593
	Through-Right		0							0				0				0	
	Right	50	1	50	88	138	132	31	82	1	61	88	170	1	149	0	170	1	149
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	96	1	96	101	197	197	39	136	1	136	175	311	1	311	0	311	1	311
	Left-Through		0							0				0				0	
	Through	916	2	**351**	-3	913	**359**	180	1107	2	**436**	84	1191	2	**474**	0	1191	2	**474**
	Through-Right		1							1				1				1	
	Right	136	0	136	28	164	164	64	202	0	202	28	230	0	230	0	230	0	230
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		55	North-South:		55	North-South:			127	North-South:			127	North-South:			127
		East-West:		642	East-West:		715	East-West:			824	East-West:			927	East-West:			927
		SUM:		697	SUM:		770	SUM:			951	SUM:			1054	SUM:			1054
VOLUME/CAPACITY (V/C) RATIO:				0.489			0.540				0.667				0.740				0.740
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.389			0.440				0.567				0.640				0.640
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.073 Δv/c after mitigation: 0.073

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	2	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			1			1			1			1			1			1			1		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB-- 0	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
	Left-Through		1							1				1				1	
	Through	9	0	**18**	0	9	**18**	0	9	0	**18**	0	9	0	**18**	0	9	0	**18**
	Through-Right		0							0				0				0	
	Right	18	1	0	0	18	0	0	18	1	0	0	18	1	0	0	18	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	1	11	0	11	11	58	69	1	**69**	0	69	1	**69**	0	69	1	**69**
	Left-Through		0							0				0				0	
	Through	5	0	**38**	0	5	**38**	0	5	0	38	0	5	0	38	0	5	0	38
	Through-Right		1							1				1				1	
	Right	33	0	0	0	33	0	0	33	0	0	0	33	0	0	0	33	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	141	1	**141**	15	156	156	0	143	1	**143**	15	158	1	158	0	158	1	158
	Left-Through		0							0				0				0	
	Through	783	2	315	415	1198	**476**	261	1053	2	405	480	1533	2	**589**	0	1533	2	**589**
	Through-Right		1							1				1				1	
	Right	161	0	161	68	229	229	0	163	0	163	70	233	0	233	0	233	0	233
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	59	1	59	346	405	**405**	0	60	1	60	267	327	1	**327**	0	327	1	**327**
	Left-Through		0							0				0				0	
	Through	1075	2	**392**	126	1201	475	283	1371	2	**514**	364	1735	2	677	0	1735	2	677
	Through-Right		1							1				1				1	
	Right	101	0	101	124	225	225	69	171	0	171	124	295	0	295	0	295	0	295
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		56	North-South:		56	North-South:			87	North-South:			87	North-South:			87
		East-West:		533	East-West:		881	East-West:			657	East-West:			916	East-West:			916
		SUM:		589	SUM:		937	SUM:			744	SUM:			1003	SUM:			1003
VOLUME/CAPACITY (V/C) RATIO:				0.428			0.681				0.541				0.729				0.729
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.328			0.581				0.441				0.629				0.629
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.188 Δv/c after mitigation: 0.188

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	3	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB-- 3	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 3	WB--	0	EB--	3 WB--	0	EB--	3 WB--	0	EB--	3 WB--	0	EB--	3 WB--	0	EB--	3 WB--	0	EB--	3 WB--	0	EB--	3 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	283	1	**283**	-3	280	280	133	419	1	**419**	-3	416	1	**416**	0	416	1	**416**
	Left-Through		0							0				0				0	
	Through	809	4	202	75	884	221	584	1403	4	351	134	1537	4	384	0	1537	4	384
	Through-Right		0							0				0				0	
	Right	179	1	142	163	342	**315**	57	238	1	180	0	238	1	190	0	238	1	190
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	141	1	**141**	126	267	**267**	24	167	1	**167**	126	293	1	**293**	0	293	1	**293**
	Left-Through		0							0				0				0	
	Through	494	3	165	93	587	196	230	730	3	243	74	804	3	268	0	804	3	268
	Through-Right		0							0				0				0	
	Right	189	1	0	197	386	106	65	256	1	0	281	537	1	121	0	537	1	121
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	74	1	74	-20	54	54	42	117	1	117	-20	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	1045	3	**348**	599	1644	**548**	219	1277	3	**426**	681	1958	3	**653**	0	1958	3	**653**
	Through-Right		0							0				0				0	
	Right	234	1	234	143	377	377	79	316	1	316	143	459	1	459	0	459	1	459
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		283	North-South:		315	North-South:			419	North-South:			416	North-South:			416
		East-West:		489	East-West:		815	East-West:			593	East-West:			946	East-West:			946
		SUM:		772	SUM:		1130	SUM:			1012	SUM:			1362	SUM:			1362
VOLUME/CAPACITY (V/C) RATIO:				0.542			0.793				0.710				0.956				0.956
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.442			0.693				0.610				0.856				0.856
LEVEL OF SERVICE (LOS):				A			B				B				D				D

PROJECT IMPACT

Change in v/c due to project: 0.246 Δv/c after mitigation: 0.246

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	4	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB-- 0	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	106	0	106	0	106	106	15	122	0	122	0	122	0	122	0	122	0	122
	Left-Through		1							1				1				1	
	Through	457	3	141	49	506	153	650	1113	3	309	49	1162	3	321	0	1162	3	321
	Through-Right		0							0				0				0	
	Right	389	1	**389**	224	613	**613**	41	435	1	**435**	224	659	1	**659**	0	659	1	**659**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	564	2	282	-20	544	272	272	843	2	422	-58	785	2	393	0	785	2	393
	Through-Right		0							0				0				0	
	Right	117	1	117	113	230	230	16	134	1	134	132	266	1	266	0	266	1	266
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	76	1	76	151	227	227	10	87	1	87	151	238	1	238	0	238	1	238
	Left-Through		0							0				0				0	
	Through	920	2	**460**	518	1438	**719**	299	1230	2	**615**	524	1754	2	**877**	0	1754	2	**877**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		389	North-South:		613	North-South:			435	North-South:			659	North-South:			659
		East-West:		460	East-West:		719	East-West:			615	East-West:			877	East-West:			877
		SUM:		849	SUM:		1332	SUM:			1050	SUM:			1536	SUM:			1536
VOLUME/CAPACITY (V/C) RATIO:				0.566			0.888				0.700				1.024				1.024
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.466			0.788				0.600				0.924				0.924
LEVEL OF SERVICE (LOS):				A			C				A				E				E

PROJECT IMPACT

Change in v/c due to project: 0.324 Δv/c after mitigation: 0.324

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	5	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	72	1	72	0	72	72	58	131	1	131	0	131	1	131	0	131	1	131
	Left-Through		0							0				0				0	
	Through	416	4	104	38	454	114	336	757	4	189	38	795	4	199	0	795	4	199
	Through-Right		0							0				0				0	
	Right	188	1	188	32	220	220	54	244	1	244	32	276	1	276	0	276	1	276
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	589	1	319	-76	513	290	229	825	1	465	-114	711	1	418	0	711	1	418
	Through-Right		1							1				1				1	
	Right	48	0	48	19	67	67	56	105	0	105	19	124	0	124	0	124	0	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	1	24	0	24	24	11	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	767	2	384	537	1304	652	248	1024	2	512	547	1571	2	786	0	1571	2	786
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		188	North-South:		220	North-South:			244	North-South:			276	North-South:			276
		East-West:		384	East-West:		652	East-West:			512	East-West:			786	East-West:			786
		SUM:		572	SUM:		872	SUM:			756	SUM:			1062	SUM:			1062
VOLUME/CAPACITY (V/C) RATIO:				0.381			0.581				0.504				0.708				0.708
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.281			0.481				0.404				0.608				0.608
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.204 | Δv/c after mitigation: 0.204 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	6	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	70	0	70	309	379	379	48	119	0	119	317	436	0	436	0	436	0	436
	Left-Through		1							1				1				1	
	Through	386	2	124	104	490	245	327	718	2	223	179	897	2	374	0	897	2	374
	Through-Right		1							1				1				1	
	Right	38	0	124	72	110	245	15	53	0	223	110	163	0	374	0	163	0	374
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	77	1	77	0	77	77	78	156	1	156	0	156	1	156	0	156	1	156
	Left-Through		0							0				0				0	
	Through	530	2	265	-76	454	227	210	746	2	373	-114	632	2	316	0	632	2	316
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	732	1	398	228	960	512	211	952	1	534	230	1182	1	649	0	1182	1	649
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	51	116	0	116	0	116	0	116	0	116	0	116
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		124	North-South:		379	North-South:			223	North-South:			436	North-South:			436
		East-West:		475	East-West:		589	East-West:			690	East-West:			805	East-West:			805
		SUM:		599	SUM:		968	SUM:			913	SUM:			1241	SUM:			1241
VOLUME/CAPACITY (V/C) RATIO:				0.399			0.645				0.609				0.827				0.827
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.299			0.545				0.509				0.727				0.727
LEVEL OF SERVICE (LOS):				A			A				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.218 | Δv/c after mitigation: 0.218 | Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	7	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	41	1	41	160	201	201	39	80	1	80	162	242	1	242	0	242	1	242
	Left-Through		0							0				0				0	
	Through	163	1	100	100	263	150	107	272	1	201	100	372	1	251	0	372	1	251
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	92	129	0	129	0	129	0	129	0	129	0	129
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	55	1	55	0	55	55	3	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	347	2	174	0	347	174	249	600	2	300	0	600	2	300	0	600	2	300
	Through-Right		0							0				0				0	
	Right	157	1	131	16	173	147	39	198	1	162	16	214	1	178	0	214	1	178
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	52	1	52	0	52	52	19	72	1	72	0	72	1	72	0	72	1	72
	Left-Through		0							0				0				0	
	Through	501	1	277	-4	497	275	144	651	1	384	106	757	1	437	0	757	1	437
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	62	116	0	116	0	116	0	116	0	116	0	116
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	48	1	48	11	59	59	144	193	1	193	11	204	1	204	0	204	1	204
	Left-Through		0							0				0				0	
	Through	583	1	334	52	635	363	185	775	1	435	52	827	1	465	0	827	1	465
	Through-Right		1							1				1				1	
	Right	84	0	84	7	91	91	10	95	0	95	7	102	0	102	0	102	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		215	North-South:		375	North-South:			380	North-South:			542	North-South:			542
		East-West:		386	East-West:		415	East-West:			577	East-West:			641	East-West:			641
		SUM:		601	SUM:		790	SUM:			957	SUM:			1183	SUM:			1183
VOLUME/CAPACITY (V/C) RATIO:				0.401			0.527				0.638				0.789				0.789
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.301			0.427				0.538				0.689				0.689
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.151 | Δv/c after mitigation: 0.151 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	8	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	1	55	7	62	62	52	108	1	108	7	115	1	115	0	115	1	115
	Left-Through		0							0				0				0	
	Through	415	1	245	1	416	245	76	496	1	286	1	497	1	286	0	497	1	286
	Through-Right		1							1				1				1	
	Right	74	0	74	0	74	74	0	75	0	75	0	75	0	75	0	75	0	75
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	62	1	62	0	62	62	14	77	1	77	0	77	1	77	0	77	1	77
	Left-Through		0							0				0				0	
	Through	293	1	200	0	293	200	125	422	0	568	0	422	0	568	0	422	0	568
	Through-Right		1							1				1				1	
	Right	107	0	107	0	107	107	38	146	0	0	0	146	0	0	0	146	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	57	1	57	0	57	57	53	111	1	111	0	111	1	111	0	111	1	111
	Left-Through		0							0				0				0	
	Through	508	1	267	-4	504	265	153	667	1	364	-4	663	1	362	0	663	1	362
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	34	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	583	1	325	64	647	357	248	838	1	453	64	902	1	485	0	902	1	485
	Through-Right		1							1				1				1	
	Right	66	0	66	0	66	66	1	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		307	North-South:		307	North-South:			676	North-South:			683	North-South:			683
		East-West:		382	East-West:		414	East-West:			564	East-West:			596	East-West:			596
		SUM:		689	SUM:		721	SUM:			1240	SUM:			1279	SUM:			1279
VOLUME/CAPACITY (V/C) RATIO:				0.459			0.481				0.827				0.853				0.853
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.359			0.381				0.727				0.753				0.753
LEVEL OF SERVICE (LOS):				A			A				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.026 | Δv/c after mitigation: 0.026 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	9	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3				3				3				3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0
	EB-- 0 WB--		0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	46	1	46	0	46	46	2	49	1	49	0	49	1	49	0	49	1	49
	Left-Through		0							0				0				0	
	Through	431	2	216	3	434	217	227	663	2	332	3	666	2	333	0	666	2	333
	Through-Right		0							0				0				0	
	Right	86	1	66	0	86	66	2	89	1	68	0	89	1	68	0	89	1	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	58	1	58	0	58	58	10	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	230	2	115	12	242	121	216	449	1	449	12	461	1	461	0	461	1	461
	Through-Right		0							0				0				0	
	Right	168	1	126	31	199	159	79	249	1	188	31	280	1	221	0	280	1	221
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	85	1	85	-4	81	81	37	123	1	123	-4	119	1	119	0	119	1	119
	Left-Through		0							0				0				0	
	Through	520	1	285	0	520	285	129	655	1	353	0	655	1	353	0	655	1	353
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	40	1	40	0	40	40	2	42	1	42	0	42	1	42	0	42	1	42
	Left-Through		0							0				0				0	
	Through	505	1	272	33	538	289	168	679	1	364	33	712	1	381	0	712	1	381
	Through-Right		1							1				1				1	
	Right	39	0	39	0	39	39	10	49	0	49	0	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		274	North-South:		275	North-South:			498	North-South:			510	North-South:			510
		East-West:		357	East-West:		370	East-West:			487	East-West:			500	East-West:			500
		SUM:		631	SUM:		645	SUM:			985	SUM:			1010	SUM:			1010
VOLUME/CAPACITY (V/C) RATIO:				0.443			0.453				0.691				0.709				0.709
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.343			0.353				0.591				0.609				0.609
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.018 Δv/c after mitigation: 0.018

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	10	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0
	EB-- 0 WB--		0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	62	1	62	0	62	62	3	66	1	66	0	66	1	66	0	66	1	66
	Left-Through		0							0				0				0	
	Through	305	1	221	0	305	221	28	337	1	238	0	337	1	238	0	337	1	238
	Through-Right		1							1				1				1	
	Right	136	0	136	0	136	136	0	138	0	138	0	138	0	138	0	138	0	138
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	96	1	96	0	96	96	0	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	358	1	254	0	358	254	21	383	1	267	0	383	1	267	0	383	1	267
	Through-Right		1							1				1				1	
	Right	149	0	149	0	149	149	0	151	0	151	0	151	0	151	0	151	0	151
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	69	1	69	0	69	69	0	70	1	70	0	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	449	1	277	0	449	277	136	590	1	350	0	590	1	350	0	590	1	350
	Through-Right		1							1				1				1	
	Right	105	0	105	0	105	105	3	109	0	109	0	109	0	109	0	109	0	109
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	321	1	196	33	354	212	170	495	1	283	33	528	1	300	0	528	1	300
	Through-Right		1							1				1				1	
	Right	70	0	70	0	70	70	0	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		317	North-South:		317	North-South:			335	North-South:			335	North-South:			335
		East-West:		339	East-West:		339	East-West:			413	East-West:			413	East-West:			413
		SUM:		656	SUM:		656	SUM:			748	SUM:			748	SUM:			748
VOLUME/CAPACITY (V/C) RATIO:				0.437			0.437				0.499				0.499				0.499
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.337			0.337				0.399				0.399				0.399
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	11	North-South Street:	Santee	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0
	EB-- 0 WB--		0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	36	0	36	0	36	36	0	36	0	36	0	36	0	36	0	36	0	36
	Left-Through		0							0				0				0	
	Through	85	0	199	0	85	199	0	86	0	201	0	86	0	201	0	86	0	201
	Through-Right		0							0				0				0	
	Right	78	0	0	0	78	0	0	79	0	0	0	79	0	0	0	79	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	28	0	28	0	28	28	2	30	0	30	0	30	0	30	0	30	0	30
	Left-Through		0							0				0				0	
	Through	93	0	252	0	93	252	0	94	0	257	0	94	0	257	0	94	0	257
	Through-Right		0							0				0				0	
	Right	131	0	0	0	131	0	0	133	0	0	0	133	0	0	0	133	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	69	1	69	0	69	69	0	70	1	70	0	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	469	1	304	0	469	304	136	611	1	376	0	611	1	376	0	611	1	376
	Through-Right		1							1				1				1	
	Right	138	0	138	0	138	138	0	140	0	140	0	140	0	140	0	140	0	140
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	26	1	26	0	26	26	0	26	1	26	0	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	281	1	163	33	314	179	170	454	1	251	33	487	1	267	0	487	1	267
	Through-Right		1							1				1				1	
	Right	44	0	44	0	44	44	2	47	0	47	0	47	0	47	0	47	0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		288	North-South:		288	North-South:			293	North-South:			293	North-South:			293
		East-West:		330	East-West:		330	East-West:			402	East-West:			402	East-West:			402
		SUM:		618	SUM:		618	SUM:			695	SUM:			695	SUM:			695
VOLUME/CAPACITY (V/C) RATIO:				0.412			0.412				0.463				0.463				0.463
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.312			0.312				0.363				0.363				0.363
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	12	North-South Street:	Maple	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0
	EB-- 0 WB--		0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	1	55	0	55	55	3	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	172	0	253	0	172	253	6	180	0	262	0	180	0	262	0	180	0	262
	Through-Right		1							1				1				1	
	Right	81	0	0	0	81	0	0	82	0	0	0	82	0	0	0	82	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	63	1	63	0	63	63	0	64	1	64	0	64	1	64	0	64	1	64
	Left-Through		0							0				0				0	
	Through	187	0	283	0	187	283	0	189	0	286	0	189	0	286	0	189	0	286
	Through-Right		1							1				1				1	
	Right	96	0	0	0	96	0	0	97	0	0	0	97	0	0	0	97	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	84	1	84	0	84	84	0	85	1	85	0	85	1	85	0	85	1	85
	Left-Through		0							0				0				0	
	Through	348	0	348	0	348	348	133	485	1	485	0	485	1	485	0	485	1	485
	Through-Right		0							0				0				0	
	Right	143	1	116	0	143	116	5	150	1	121	0	150	1	121	0	150	1	121
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	1	14	0	14	14	0	14	1	14	0	14	1	14	0	14	1	14
	Left-Through		0							0				0				0	
	Through	199	0	237	33	232	270	168	369	0	407	33	402	0	440	0	402	0	440
	Through-Right		1							1				1				1	
	Right	38	0	0	0	38	0	0	38	0	0	0	38	0	0	0	38	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		338	North-South:		338	North-South:			345	North-South:			345	North-South:			345
		East-West:		362	East-West:		362	East-West:			499	East-West:			525	East-West:			525
		SUM:		700	SUM:		700	SUM:			844	SUM:			870	SUM:			870
VOLUME/CAPACITY (V/C) RATIO:				0.467			0.467				0.563				0.580				0.580
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.367			0.367				0.463				0.480				0.480
LEVEL OF SERVICE (LOS):				A			A				A				A				A

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Change in v/c due to project: 0.017 Δv/c after mitigation: 0.017

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	13	North-South Street:	Maple	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			2		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	38	0	38	0	38	38	0	38	0	38	0	38	0	38	0	38	0	38
	Left-Through		0							0				0				0	
	Through	174	0	302	0	174	302	6	182	0	311	0	182	0	311	0	182	0	311
	Through-Right		0							0				0				0	
	Right	90	0	0	0	90	0	0	91	0	0	0	91	0	0	0	91	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	Left-Through		0							0				0				0	
	Through	189	0	266	0	189	266	0	191	0	269	0	191	0	269	0	191	0	269
	Through-Right		0							0				0				0	
	Right	49	0	0	0	49	0	0	50	0	0	0	50	0	0	0	50	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	44	0	44	0	44	44	0	45	0	45	0	45	0	45	0	45	0	45
	Left-Through		1							1				1				1	
	Through	511	0	365	0	511	365	163	680	0	451	0	680	0	451	0	680	0	451
	Through-Right		1							1				1				1	
	Right	130	0	365	0	130	365	0	132	0	451	0	132	0	451	0	132	0	451
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	88	0	88	0	88	88	0	89	0	89	0	89	0	89	0	89	0	89
	Left-Through		1							1				1				1	
	Through	293	0	373	0	293	373	0	297	0	377	0	297	0	377	0	297	0	377
	Through-Right		1							1				1				1	
	Right	100	0	373	0	100	373	0	101	0	377	0	101	0	377	0	101	0	377
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		330	North-South:		330	North-South:			339	North-South:			339	North-South:			339
		East-West:		453	East-West:		453	East-West:			540	East-West:			540	East-West:			540
		SUM:		783	SUM:		783	SUM:			879	SUM:			879	SUM:			879
VOLUME/CAPACITY (V/C) RATIO:				0.522			0.522				0.586				0.586				0.586
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.422			0.422				0.486				0.486				0.486
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	14	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			2		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	127	1	127	0	127	127	0	129	1	129	0	129	1	129	0	129	1	129
	Left-Through		0							0				0				0	
	Through	642	1	385	0	642	385	10	660	1	395	0	660	1	395	0	660	1	395
	Through-Right		1							1				1				1	
	Right	127	0	127	0	127	127	0	129	0	129	0	129	0	129	0	129	0	129
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	54	1	54	0	54	54	0	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	518	1	301	0	518	301	0	524	1	305	0	524	1	305	0	524	1	305
	Through-Right		1							1				1				1	
	Right	84	0	84	0	84	84	0	85	0	85	0	85	0	85	0	85	0	85
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through		1							1				1				1	
	Through	331	0	249	0	331	249	158	493	0	377	0	493	0	377	0	493	0	377
	Through-Right		1							1				1				1	
	Right	83	0	249	0	83	249	4	88	0	377	0	88	0	377	0	88	0	377
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	75	0	75	31	106	106	0	76	0	76	31	107	0	107	0	107	0	107
	Left-Through		1							1				1				1	
	Through	455	0	370	0	455	401	0	460	0	376	0	460	0	407	0	460	0	407
	Through-Right		1							1				1				1	
	Right	135	0	370	0	135	401	3	140	0	376	0	140	0	407	0	140	0	407
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		439	North-South:		439	North-South:			450	North-South:			450	North-South:			450
		East-West:		412	East-West:		443	East-West:			453	East-West:			484	East-West:			484
		SUM:		851	SUM:		882	SUM:			903	SUM:			934	SUM:			934
VOLUME/CAPACITY (V/C) RATIO:				0.567			0.588				0.602				0.623				0.623
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.467			0.488				0.502				0.523				0.523
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.021 — Δv/c after mitigation: 0.021

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	15	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Chick Hearn Ct	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			2		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	98	1	98	-98	0	0	0	99	1	99	-99	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	555	2	269	-287	268	89	30	592	2	292	-298	294	2	98	0	294	2	98
	Through-Right		1							1				1				1	
	Right	251	0	251	-251	0	0	30	284	0	284	-284	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	95	0	95	0	95	95	0	96	0	96	0	96	0	96	0	96	0	96
	Left-Through		1							1				1				1	
	Through	48	0	143	122	170	216	71	120	1	211	50	170	0	216	0	170	1	216
	Through-Right		1							1				1				1	
	Right	199	0	150	-33	166	216	5	206	0	211	-40	166	0	216	0	166	0	216
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	19	1	19	-19	0	0	0	19	1	19	-19	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	116	2	58	-79	37	19	101	218	2	109	-162	56	2	28	0	56	2	28
	Through-Right		0							0				0				0	
	Right	59	1	59	0	59	59	18	78	1	78	0	78	1	78	0	78	1	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		269	North-South:		89	North-South:			292	North-South:			98	North-South:			98
		East-West:		169	East-West:		216	East-West:			230	East-West:			216	East-West:			216
		SUM:		438	SUM:		305	SUM:			522	SUM:			314	SUM:			314
VOLUME/CAPACITY (V/C) RATIO:				0.292			0.203				0.348				0.209				0.209
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.192			0.103				0.248				0.109				0.109
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: -0.139 — Δv/c after mitigation: -0.139

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	16	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	3
ATSAC-1 or ATSAC+ATCS-2?			2		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	163	1	163	-163	0	0	57	222	1	222	-222	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	1063	3	270	200	1263	320	724	1800	3	454	259	2059	3	519	0	2059	3	519
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	125	1	100	253	378	189	107	234	1	155	337	571	1	286	0	571	1	286
	Through-Right		1							1				1				1	
	Right	75	0	75	-75	0	0	0	76	0	76	-76	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	124	2	68	-124	0	0	0	125	2	69	-125	0	2	0	0	0	2	0
	Left-Through		0							0				0				0	
	Through	42	1	42	-42	0	0	0	43	1	43	-43	0	1	0	0	0	1	0
	Through-Right		0							0				0				0	
	Right	33	1	0	-33	0	0	101	134	1	0	-134	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	181	2	91	-181	0	0	77	260	2	130	-260	0	2	0	0	0	2	0
	Through-Right		0							0				0				0	
	Right	162	1	100	2	164	102	52	216	1	153	2	218	1	155	0	218	1	155
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		332	North-South:		382	North-South:			517	North-South:			582	North-South:			582
		East-West:		168	East-West:		102	East-West:			222	East-West:			155	East-West:			155
		SUM:		500	SUM:		484	SUM:			739	SUM:			737	SUM:			737
VOLUME/CAPACITY (V/C) RATIO:				0.364			0.352				0.537				0.536				0.536
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.264			0.252				0.437				0.436				0.436
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: -0.001 — Δv/c after mitigation: -0.001

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	17	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3				3				3				3				3			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	376	3	125	127	503	168	663	1044	3	**348**	146	1190	3	**397**	0	1190	3	**397**
	Through-Right		0							0				0				0	
	Right	170	1	**170**	0	170	**170**	13	185	1	185	0	185	1	185	0	185	1	185
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	160	1	**160**	-48	112	**112**	0	162	1	**162**	-43	119	1	**119**	0	119	1	**119**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	10	1	**10**	0	10	**10**	275	285	1	**285**	0	285	1	**285**	0	285	1	**285**
	Left-Through		0							0				0				0	
	Through	177	2	89	-177	0	0	115	294	2	147	-263	31	2	16	0	31	2	16
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		170	*North-South:*		170	*North-South:*			348	*North-South:*			397	*North-South:*			397
		East-West:		170	*East-West:*		122	*East-West:*			447	*East-West:*			404	*East-West:*			404
		SUM:		340	*SUM:*		292	*SUM:*			795	*SUM:*			801	*SUM:*			801
VOLUME/CAPACITY (*V/C*) RATIO:				0.239			0.205				0.558				0.562				0.562
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.139**			**0.105**				**0.458**				**0.462**				**0.462**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: 0.004 — *Δv/c* after mitigation: 0.004

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	18	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	347	3	**112**	57	404	**126**	368	719	3	**214**	57	776	3	**228**	0	776	3	**228**
	Through-Right		1							1				1				1	
	Right	99	0	99	0	99	99	35	135	0	135	0	135	0	135	0	135	0	135
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	19	1	19	287	306	**306**	205	224	1	224	287	511	1	**511**	0	511	1	**511**
	Left-Through		0							0				0				0	
	Through	113	2	**57**	-15	98	49	403	517	2	**259**	-98	419	2	210	0	419	2	210
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		112	*North-South:*		126	*North-South:*			214	*North-South:*			228	*North-South:*			228
		East-West:		57	*East-West:*		306	*East-West:*			259	*East-West:*			511	*East-West:*			511
		SUM:		169	*SUM:*		432	*SUM:*			473	*SUM:*			739	*SUM:*			739
VOLUME/CAPACITY (*V/C*) RATIO:				0.113			0.288				0.315				0.493				0.493
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.056**			**0.188**				**0.215**				**0.393**				**0.393**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: 0.178 — *Δv/c* after mitigation: 0.178

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	19	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	61	0	61	314	375	**375**	385	447	0	**447**	314	761	0	**761**	0	761	0	**761**
	Left-Through		1							1				1				1	
	Through	443	3	**126**	479	922	307	390	838	3	279	517	1355	3	452	0	1355	3	452
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	101	2	**51**	-42	59	30	280	382	2	**191**	-125	257	2	129	0	257	2	129
	Through-Right		0							0				0				0	
	Right	45	1	45	87	132	**132**	0	46	1	46	170	216	1	**216**	0	216	1	**216**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		126	*North-South:*		375	*North-South:*			447	*North-South:*			761	*North-South:*			761
		East-West:		51	*East-West:*		132	*East-West:*			191	*East-West:*			216	*East-West:*			216
		SUM:		177	*SUM:*		507	*SUM:*			638	*SUM:*			977	*SUM:*			977
VOLUME/CAPACITY (*V/C*) RATIO:				0.118			0.338				0.425				0.651				0.651
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.059**			**0.238**				**0.325**				**0.551**				**0.551**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: 0.226 — *Δv/c* after mitigation: 0.226

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	20	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3				3				3				3				3			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	1212	3	**314**	32	1244	**322**	585	1812	3	**475**	32	1844	3	**483**	0	1844	3	**483**
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	43	86	0	86	0	86	0	86	0	86	0	86
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	28	1	**28**	0	28	**28**	13	41	1	**41**	0	41	1	**41**	0	41	1	**41**
	Left-Through		0							0				0				0	
	Through	172	2	86	-124	48	24	100	274	2	137	191	465	2	233	0	465	2	233
	Through-Right		0							0				0				0	
	Right	19	1	18	0	19	18	0	19	1	18	0	19	1	18	0	19	1	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	2	1	**2**	0	2	**2**	0	2	1	**2**	0	2	1	**2**	0	2	1	**2**
	Left-Through		0							0				0				0	
	Through	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Through-Right		0							0				0				0	
	Right	11	1	3	0	11	3	0	11	1	3	0	11	1	3	0	11	1	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	2	0	**29**	0	2	**29**	0	2	0	**29**	0	2	0	**29**	0	2	0	**29**
	Through-Right		1							1				1				1	
	Right	27	0	0	0	27	0	0	27	0	0	0	27	0	0	0	27	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		342	*North-South:*		350	*North-South:*			516	*North-South:*			524	*North-South:*			524
		East-West:		31	*East-West:*		31	*East-West:*			31	*East-West:*			31	*East-West:*			31
		SUM:		373	*SUM:*		381	*SUM:*			547	*SUM:*			555	*SUM:*			555
VOLUME/CAPACITY (*V/C*) RATIO:				0.262			0.267				0.384				0.389				0.389
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.162**			**0.167**				**0.284**				**0.289**				**0.289**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: 0.005 — *Δv/c* after mitigation: 0.005

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	21	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	132	1	132	0	132	132	150	284	1	284	0	284	1	284	0	284	1	284
	↰	Left-Through		0							0				0				0	
	↑	Through	281	2	129	79	360	156	565	849	2	319	103	952	2	353	0	952	1	530
	↱	Through-Right		1							1				1				1	
	↱	Right	107	0	107	0	107	107	0	108	0	108	0	108	0	108	0	108	0	108
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	→	Through	59	1	33	0	59	33	56	116	1	61	0	116	1	61	0	116	1	61
	↱	Through-Right		1							1				1				1	
	↱	Right	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		132	North-South:		156	North-South:			319	North-South:			353	North-South:			530
			East-West:		33	East-West:		33	East-West:			61	East-West:			61	East-West:			61
			SUM:		165	SUM:		189	SUM:			380	SUM:			414	SUM:			591
	VOLUME/CAPACITY (V/C) RATIO:				0.110			0.126				0.253				0.276				0.394
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.055			0.063				0.153				0.176				0.294
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.023 | Δv/c after mitigation: 0.141

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	22	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	55	0	55	0	55	55	35	91	0	91	0	91	0	91	0	91	0	91
	↰	Left-Through		1							1				1				1	
	↑	Through	424	3	120	42	466	130	460	889	3	245	42	931	3	256	0	931	3	256
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	→	Through	110	1	78	0	110	78	208	319	1	203	0	319	1	203	0	319	1	203
	↱	Through-Right		1							1				1				1	
	↱	Right	45	0	45	0	45	45	41	87	0	87	0	87	0	87	0	87	0	87
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		120	North-South:		130	North-South:			245	North-South:			256	North-South:			256
			East-West:		78	East-West:		78	East-West:			203	East-West:			203	East-West:			203
			SUM:		198	SUM:		208	SUM:			448	SUM:			459	SUM:			459
	VOLUME/CAPACITY (V/C) RATIO:				0.132			0.139				0.299				0.306				0.306
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.066			0.069				0.199				0.206				0.206
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.007 | Δv/c after mitigation: 0.007

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	23	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	452	3	151	869	1321	440	668	1125	3	375	907	2032	3	677	0	2032	3	677
	↱	Through-Right		0							0				0				0	
	↱	Right	13	1	13	0	13	13	0	13	1	13	0	13	1	13	0	13	1	13
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	54	0	54	0	54	54	129	184	0	184	0	184	0	184	0	184	0	184
	↰	Left-Through		1							1				1				1	
	→	Through	87	1	71	0	87	71	115	203	1	194	0	203	1	194	0	203	1	194
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		151	North-South:		440	North-South:			375	North-South:			677	North-South:			677
			East-West:		71	East-West:		71	East-West:			194	East-West:			194	East-West:			194
			SUM:		222	SUM:		511	SUM:			569	SUM:			871	SUM:			871
	VOLUME/CAPACITY (V/C) RATIO:				0.148			0.341				0.379				0.581				0.581
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.074			0.241				0.279				0.481				0.481
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.202 | Δv/c after mitigation: 0.202

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	24	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	669	2	368	117	786	432	1	678	2	373	117	795	2	437	0	795	2	437
	↰	Left-Through		0							0				0				0	
	↑	Through	699	2	350	36	735	368	60	767	2	384	-32	735	2	368	0	735	2	368
	↱	Through-Right		0							0				0				0	
	↱	Right	140	1	140	315	455	455	59	201	1	201	374	575	1	575	0	575	1	575
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	204	2	112	-204	0	0	5	211	2	116	-211	0	2	0	0	0	2	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	22	2	0	138	160	88	0	22	2	0	138	160	2	88	0	160	2	88
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	133	1	133	-133	0	0	0	135	1	135	-135	0	1	0	0	0	1	0
	↰	Left-Through		0							0				0				0	
	→	Through	469	3	156	91	560	187	134	609	3	203	91	700	3	233	0	700	3	233
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	379	2	190	88	467	234	103	487	2	244	88	575	2	288	0	575	2	288
	↱	Through-Right		0							0				0				0	
	↱	Right	175	1	119	-93	82	82	0	177	1	119	-93	84	1	84	0	84	1	84
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		480	North-South:		543	North-South:			500	North-South:			663	North-South:			663
			East-West:		323	East-West:		234	East-West:			379	East-West:			288	East-West:			288
			SUM:		803	SUM:		777	SUM:			879	SUM:			951	SUM:			951
	VOLUME/CAPACITY (V/C) RATIO:				0.564			0.545				0.617				0.667				0.667
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.464			0.445				0.517				0.567				0.567
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.050 | Δv/c after mitigation: 0.050

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	25	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Bond	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				2			2			2			2			2			2			2
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	2	EB-- 0	WB--	2	EB--	WB--	2	EB--	WB--	2	EB--	WB--	2	EB--	WB--	2	EB--	WB--	2
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	79	79	0	0	0	0	0	79	79	0	0	0	79	0	0
	Left-Through		0							0				0				0	
	Through	1471	3	490	583	2054	685	120	1609	3	536	579	2188	3	729	0	2188	3	729
	Through-Right		0							0				1				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through		1							1				1				1	
	Through	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	3	0	36	0	3	4	0	3	0	37	0	3	0	4	0	3	0	4
	Through-Right		1							1				1				1	
	Right	69	1	0	-65	4	0	0	70	1	0	-65	5	1	0	0	5	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		490	North-South:		685	North-South:			536	North-South:			729	North-South:			729
		East-West:		37	East-West:		5	East-West:			38	East-West:			5	East-West:			5
		SUM:		527	SUM:		690	SUM:			574	SUM:			734	SUM:			734
VOLUME/CAPACITY (V/C) RATIO:				0.370			0.484				0.403				0.515				0.515
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.270			0.384				0.303				0.415				0.415
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.112 | Δv/c after mitigation: 0.112

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	26	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4			4			4			4			4			4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	3	NB--	SB-- 0	3	NB--	SB--	3	NB--	SB--	3	NB--	SB-- 0	3	NB--	SB-- 0	3	NB--	SB--	3
	EB-- 3	WB--	0	EB--	WB-- 3	0	EB--	WB--	0	EB--	WB--	0	EB--	WB-- 3	0	EB--	WB-- 3	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	209	1	209	37	246	246	4	216	1	216	37	253	1	253	0	253	1	253
	Left-Through		0							0				0				0	
	Through	977	3	267	33	1010	290	531	1520	3	406	33	1553	3	429	0	1553	3	429
	Through-Right		1							1				1				1	
	Right	89	0	89	61	150	150	13	103	0	103	61	164	0	164	0	164	0	164
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	7	1	7	0	7	7	5	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	119	2	60	-116	3	2	32	152	2	76	199	351	2	176	0	351	2	176
	Through-Right		0							0				0				0	
	Right	57	1	0	-8	49	0	25	83	1	0	-8	75	1	0	0	75	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	128	1	128	-1	127	127	98	228	1	228	-1	227	1	227	0	227	1	227
	Left-Through		0							0				0				0	
	Through	420	2	210	350	770	385	98	523	2	262	409	932	2	466	0	932	2	466
	Through-Right		0							0				0				0	
	Right	128	1	0	-11	117	0	15	145	1	0	-11	134	1	0	0	134	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	36	1	36	0	36	36	42	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	333	2	167	-68	265	133	74	411	2	206	-68	343	2	172	0	343	2	172
	Through-Right		0							0				0				0	
	Right	10	1	7	0	10	7	6	16	1	10	0	16	1	10	0	16	1	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		274	North-South:		297	North-South:			418	North-South:			441	North-South:			441
		East-West:		295	East-West:		421	East-West:			434	East-West:			544	East-West:			544
		SUM:		569	SUM:		718	SUM:			852	SUM:			985	SUM:			985
VOLUME/CAPACITY (V/C) RATIO:				0.414			0.522				0.620				0.716				0.716
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.314			0.422				0.520				0.616				0.616
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.096 | Δv/c after mitigation: 0.096

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	27	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB--	SB-- 0	0	NB--	SB--	0	NB--	SB--	0	NB--	SB-- 0	0	NB--	SB-- 0	0	NB--	SB--	0
	EB-- 0	WB--	0	EB--	WB-- 0	0	EB--	WB--	0	EB--	WB--	0	EB--	WB-- 0	0	EB--	WB-- 0	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	11	11	0	0	0	11	0	0	0	11	0	0
	Left-Through		0							0				0				0	
	Through	316	2	125	40	356	151	529	849	2	316	64	913	2	350	0	913	1	525
	Through-Right		1							1				1				1	
	Right	58	0	58	39	97	97	39	98	0	98	39	137	0	137	0	137	0	137
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	398	1	246	415	813	451	134	537	1	319	474	1011	1	553	0	1011	1	553
	Through-Right		1							1				1				1	
	Right	94	0	94	-6	88	88	5	100	0	100	-6	94	0	94	0	94	0	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	18	0	18	0	18	18	-18	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		1							0				0				0	
	Through	347	1	192	-106	241	157	118	469	2	235	-106	363	2	182	0	363	2	182
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		125	North-South:		151	North-South:			316	North-South:			350	North-South:			525
		East-West:		264	East-West:		469	East-West:			319	East-West:			553	East-West:			553
		SUM:		389	SUM:		620	SUM:			635	SUM:			903	SUM:			1078
VOLUME/CAPACITY (V/C) RATIO:				0.259			0.413				0.423				0.602				0.719
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.159			0.313				0.323				0.502				0.619
LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.179 | Δv/c after mitigation: 0.296

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	28	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB--	SB-- 0	0	NB--	SB--	0	NB--	SB--	0	NB--	SB-- 0	0	NB--	SB-- 0	0	NB--	SB--	0
	EB-- 0	WB--	0	EB--	WB-- 0	0	EB--	WB--	0	EB--	WB--	0	EB--	WB-- 0	0	EB--	WB-- 0	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	20	0	20	0	20	20	12	32	0	32	0	32	0	32	0	32	0	32
	Left-Through		1							1				1				1	
	Through	363	2	117	1	364	127	441	808	2	244	1	809	2	253	0	809	2	253
	Through-Right		1							1				1				1	
	Right	86	0	117	37	123	127	48	135	0	244	37	172	0	253	0	172	0	253
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	365	1	217	137	502	333	128	497	1	289	165	662	1	419	0	662	1	419
	Through-Right		1							1				1				1	
	Right	69	0	69	94	163	163	11	81	0	81	94	175	0	175	0	175	0	175
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	18	0	18	0	18	18	32	50	0	50	0	50	0	50	0	50	0	50
	Left-Through		1							1				1				1	
	Through	329	1	183	-76	253	163	75	408	1	254	-76	332	1	266	0	332	1	266
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		117	North-South:		127	North-South:			244	North-South:			253	North-South:			253
		East-West:		235	East-West:		351	East-West:			339	East-West:			469	East-West:			469
		SUM:		352	SUM:		478	SUM:			583	SUM:			722	SUM:			722
VOLUME/CAPACITY (V/C) RATIO:				0.235			0.319				0.389				0.481				0.481
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.135			0.219				0.289				0.381				0.381
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.092 | Δv/c after mitigation: 0.092

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	29	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 1 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	33	0	33	52	85	85	9	42	0	42	52	94	0	94	0	94	0	94
	Left-Through		1							1				1				1	
	Through	400	3	108	733	1133	305	607	1012	3	264	733	1745	3	460	0	1745	3	460
	Through-Right		0							0				0				0	
	Right	54	1	54	77	131	131	23	78	1	78	77	155	1	155	0	155	1	155
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	31	0	31	90	121	121	54	85	0	85	128	213	0	213	0	213	0	213
	Left-Through		1							1				1				1	
	Through	356	1	209	47	403	323	86	446	1	308	47	493	1	460	0	493	1	460
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	310	1	175	-127	183	183	98	412	1	230	-127	285	1	263	0	285	1	263
	Through-Right		1							1				1				1	
	Right	40	0	40	194	234	234	7	47	0	47	194	241	0	241	0	241	0	241
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		108	North-South:		305	North-South:			264	North-South:			460	North-South:			460
		East-West:		209	East-West:		355	East-West:			315	East-West:			476	East-West:			476
		SUM:		317	SUM:		660	SUM:			579	SUM:			936	SUM:			936
VOLUME/CAPACITY (V/C) RATIO:				0.211			0.440				0.386				0.624				0.624
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.111			0.340				0.286				0.524				0.524
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.238 | Δv/c after mitigation: 0.238 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	30	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	32	1	32	23	55	55	7	39	1	39	23	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	169	1	95	921	1090	556	144	315	1	171	923	1238	1	632	0	1238	1	632
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	5	26	0	26	0	26	0	26	0	26	0	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	1	17	0	17	17	5	22	1	22	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	325	1	191	2	327	192	165	494	1	281	2	496	1	282	0	496	1	282
	Through-Right		1							1				1				1	
	Right	57	0	57	0	57	57	10	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	22	0	22	49	71	71	10	32	0	32	49	81	0	81	0	81	0	81
	Left-Through		1							1				1				1	
	Through	369	0	209	-9	360	265	82	455	0	282	-9	446	0	327	0	446	0	327
	Through-Right		1							1				1				1	
	Right	27	0	209	0	27	265	18	45	0	282	0	45	0	327	0	45	0	327
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	18	0	18	66	84	84	3	21	0	21	66	87	0	87	0	87	0	87
	Left-Through		1							1				1				1	
	Through	259	0	157	76	335	289	88	350	0	214	76	426	0	346	0	426	0	346
	Through-Right		1							1				1				1	
	Right	19	0	157	56	75	289	16	35	0	214	56	91	0	346	0	91	0	346
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		223	North-South:		573	North-South:			320	North-South:			654	North-South:			654
		East-West:		227	East-West:		360	East-West:			303	East-West:			427	East-West:			427
		SUM:		450	SUM:		933	SUM:			623	SUM:			1081	SUM:			1081
VOLUME/CAPACITY (V/C) RATIO:				0.300			0.622				0.415				0.721				0.721
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.200			0.522				0.315				0.621				0.621
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.306 | Δv/c after mitigation: 0.306 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	31	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	88	1	88	132	220	220	0	89	1	89	132	221	1	221	0	221	1	221
	Left-Through		0							0				0				0	
	Through	373	1	211	44	417	233	110	487	1	268	44	531	1	290	0	531	1	290
	Through-Right		1							1				1				1	
	Right	48	0	48	0	48	48	0	49	0	49	0	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	256	1	162	0	256	162	122	381	1	232	0	381	1	231	0	381	1	231
	Through-Right		1							1				1				1	
	Right	68	0	68	-1	67	67	13	82	0	82	-1	81	0	81	0	81	0	81
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	59	1	59	0	59	59	11	71	1	71	0	71	1	71	0	71	1	71
	Left-Through		0							0				0				0	
	Through	299	1	299	-7	292	292	80	383	1	383	-7	376	1	376	0	376	1	376
	Through-Right		0							0				0				0	
	Right	35	1	0	-2	33	0	0	35	1	0	-2	33	1	0	0	33	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	233	0	269	67	300	336	93	329	0	365	67	396	0	432	0	396	0	432
	Through-Right		1							1				1				1	
	Right	36	0	0	0	36	0	0	36	0	0	0	36	0	0	0	36	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		250	North-South:		382	North-South:			321	North-South:			452	North-South:			452
		East-West:		333	East-West:		395	East-West:			436	East-West:			503	East-West:			503
		SUM:		583	SUM:		777	SUM:			757	SUM:			955	SUM:			955
VOLUME/CAPACITY (V/C) RATIO:				0.389			0.518				0.505				0.637				0.637
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.289			0.418				0.405				0.537				0.537
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.132 | Δv/c after mitigation: 0.132 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	32	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	44	1	44	0	44	44	0	45	1	45	0	45	1	45	0	45	1	45
	Left-Through		0							0				0				0	
	Through	503	1	288	1	504	288	151	660	2	330	1	661	2	331	0	661	2	331
	Through-Right		1							1				1				1	
	Right	72	0	72	0	72	72	0	73	1	73	0	73	1	73	0	73	1	73
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	409	1	216	5	414	225	133	547	0	581	5	552	0	599	0	552	0	599
	Through-Right		1							1				1				1	
	Right	22	0	22	13	35	35	12	34	0	0	13	47	0	0	0	47	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	74	1	74	-1	73	73	27	102	1	102	-1	101	1	101	0	101	1	101
	Left-Through		0							0				0				0	
	Through	231	1	285	-7	224	278	53	287	0	342	-7	280	0	335	0	280	0	335
	Through-Right		1							1				1				1	
	Right	54	0	0	0	54	0	0	55	0	0	0	55	0	0	0	55	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	16	0	16	0	16	16	0	16	0	16	0	16	0	16	0	16	0	16
	Left-Through		0							0				0				0	
	Through	220	0	293	53	273	346	81	304	0	381	53	357	0	434	0	357	0	434
	Through-Right		1							1				1				1	
	Right	57	0	0	0	57	0	3	61	0	0	0	61	0	0	0	61	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		305	North-South:		305	North-South:			626	North-South:			644	North-South:			644
		East-West:		367	East-West:		419	East-West:			483	East-West:			535	East-West:			535
		SUM:		672	SUM:		724	SUM:			1109	SUM:			1179	SUM:			1179
VOLUME/CAPACITY (V/C) RATIO:				0.448			0.483				0.739				0.786				0.786
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.348			0.383				0.639				0.686				0.686
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.047 | Δv/c after mitigation: 0.047 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
33	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	219	0	219	0	219	219	42	264	0	264	0	264	0	264	0	264	0	264
	Left-Through		0							0				0				0	
	Through	7	0	226	0	7	226	0	7	0	271	0	7	0	271	0	7	0	271
	Through-Right		0							0				0				0	
	Right	237	1	171	247	484	418	107	347	1	259	326	673	1	585	0	673	1	585
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
	Left-Through		0							0				0				0	
	Through	17	0	33	0	17	33	0	17	0	33	0	17	0	33	0	17	0	33
	Through-Right		0							0				0				0	
	Right	7	0	0	0	7	0	0	7	0	0	0	7	0	0	0	7	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	7	1	7	0	7	7	0	7	1	7	0	7	1	7	0	7	1	7
	Left-Through		0							0				0				0	
	Through	970	2	395	449	1419	544	264	1246	2	489	451	1697	2	639	0	1697	2	639
	Through-Right		1							1				1				1	
	Right	214	0	214	0	214	214	3	220	0	220	0	220	0	220	0	220	0	220
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	133	1	133	0	133	133	42	177	1	177	0	177	1	177	0	177	1	177
	Left-Through		0							0				0				0	
	Through	813	2	277	76	889	303	213	1036	2	352	84	1120	2	380	0	1120	2	380
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		259	North-South:		451	North-South:			304	North-South:			618	North-South:			618
		East-West:		528	East-West:		677	East-West:			666	East-West:			816	East-West:			816
		SUM:		787	SUM:		1128	SUM:			970	SUM:			1434	SUM:			1434
	VOLUME/CAPACITY (V/C) RATIO:			0.572			0.820				0.705				1.043				1.043
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.472			0.720				0.605				0.943				0.943
	LEVEL OF SERVICE (LOS):			A			C				B				E				E

PROJECT IMPACT

Change in v/c due to project: 0.338 | Δv/c after mitigation: 0.338
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
34	East-West Street:	SR 110 SB Off-Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	368	2	184	0	368	184	46	418	2	209	0	418	2	209	0	418	2	209
	Through-Right		0							0				0				0	
	Right	9	0	0	0	9	0	0	9	0	0	0	9	0	0	0	9	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	273	1	273	630	903	903	67	343	1	343	551	894	1	894	0	894	1	612
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	612
	Through-Right		0							0				0				0	
	Right	460	2	253	247	707	389	149	615	2	338	326	941	2	518	0	941	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		184	North-South:		184	North-South:			209	North-South:			209	North-South:			209
		East-West:		273	East-West:		903	East-West:			343	East-West:			894	East-West:			612
		SUM:		457	SUM:		1087	SUM:			552	SUM:			1103	SUM:			821
	VOLUME/CAPACITY (V/C) RATIO:			0.305			0.725				0.368				0.735				0.547
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.205			0.625				0.268				0.635				0.447
	LEVEL OF SERVICE (LOS):			A			B				A				B				A

PROJECT IMPACT

Change in v/c due to project: 0.367 | Δv/c after mitigation: 0.179
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/19/2012
35	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	259	1	142	90	349	192	67	329	1	181	11	340	1	187	0	340	1	340
	Left-Through		1							1				1				1	
	Through	342	0	383	540	882	923	46	392	0	433	540	932	0	973	0	932	1	466
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	84	1	84	0	84	84	9	94	1	94	0	94	1	94	0	94	1	94
	Through-Right		0							0				0				0	
	Right	152	1	152	0	152	152	0	154	1	154	0	154	1	154	0	154	1	154
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	142	0	142	-135	7	7	94	238	0	238	-210	28	0	28	0	28	1	14
	Left-Through		1							1				1				1	
	Through	79	1	79	-79	0	0	7	87	1	87	-87	0	1	0	0	0	0	14
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		383	North-South:		923	North-South:			433	North-South:			973	North-South:			466
		East-West:		294	East-West:		159	East-West:			392	East-West:			182	East-West:			168
		SUM:		677	SUM:		1082	SUM:			825	SUM:			1155	SUM:			634
	VOLUME/CAPACITY (V/C) RATIO:			0.475			0.759				0.579				0.811				0.445
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.375			0.659				0.479				0.711				0.345
	LEVEL OF SERVICE (LOS):			A			B				A				C				A

PROJECT IMPACT

Change in v/c due to project: 0.232 | Δv/c after mitigation: -0.134
Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Convention Center Drive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
36	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	55	1	30	43	98	54	0	56	1	31	43	99	1	54	0	99	1	54
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	10	1	0	8	18	1	0	10	1	0	8	18	1	0	0	18	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	26	1	26	8	34	34	0	26	1	26	41	67	1	67	0	67	1	67
	Left-Through		0							0				0				0	
	Through	420	2	210	158	578	289	55	480	2	240	158	638	2	319	0	638	2	319
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	456	2	228	22	478	239	51	512	2	256	22	534	2	267	0	534	2	267
	Through-Right		0							0				0				0	
	Right	157	1	127	237	394	340	13	172	1	141	244	416	1	362	0	416	1	362
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		30	North-South:		54	North-South:			31	North-South:			54	North-South:			54
		East-West:		254	East-West:		374	East-West:			282	East-West:			429	East-West:			429
		SUM:		284	SUM:		428	SUM:			313	SUM:			483	SUM:			483
	VOLUME/CAPACITY (V/C) RATIO:			0.189			0.285				0.209				0.322				0.322
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.095			0.185				0.109				0.222				0.222
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.113 | Δv/c after mitigation: 0.113
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	37	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	No. of Phases			4			4			4			4			4			4			4	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	3	NB-- 0	SB--	3	NB--	0 SB--	3	NB--	0 SB--	3	NB--	0 SB--	3	NB--	0 SB--	3	NB--	0 SB--	3	
		EB-- 3	WB--	0	EB-- 3	WB--	0	EB--	3 WB--	0	EB--	3 WB--	0	EB--	3 WB--	0	EB--	3 WB--	0	EB--	3 WB--	0	
	ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2	
	Override Capacity			0			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	162	1	**162**	6	168	**168**	0	164	1	164	6	170	1	170	0	170	1	170
	Left-Through		0							0				0				0	
	Through	1054	3	289	135	1189	323	471	1538	3	**411**	135	1673	3	**445**	0	1673	3	**445**
	Through-Right		1							1				1				1	
	Right	103	0	103	0	103	103	2	106	0	106	0	106	0	106	0	106	0	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	19	1	19	18	37	37	3	22	1	**22**	18	40	1	**40**	0	40	1	**40**
	Left-Through		0							0				0				0	
	Through	407	2	**204**	40	447	**224**	29	441	2	221	73	514	2	257	0	514	2	257
	Through-Right		0							0				0				0	
	Right	20	1	0	221	241	145	20	40	1	0	228	268	1	158	0	268	1	158
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	63	1	**63**	33	96	**96**	13	77	1	**77**	33	110	1	**110**	0	110	1	**110**
	Left-Through		0							0				0				0	
	Through	223	2	112	133	356	178	42	268	2	134	133	401	2	201	0	401	2	201
	Through-Right		0							0				0				0	
	Right	133	1	0	36	169	1	0	135	1	0	36	171	1	1	0	171	1	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	56	0	56	33	89	89	0	57	0	57	0	57	0	57	0	57	0	57
	Left-Through		1							1				1				1	
	Through	314	0	**220**	32	346	**281**	43	361	0	**263**	32	393	0	**291**	0	393	0	**291**
	Through-Right		1							1				1				1	
	Right	13	0	220	24	37	281	37	50	0	263	24	74	0	291	0	74	0	291
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	366		*North-South:*	392		*North-South:*		433		*North-South:*		485		*North-South:*		485
			East-West:	283		*East-West:*	377		*East-West:*		340		*East-West:*		401		*East-West:*		401
			SUM:	649		*SUM:*	769		*SUM:*		773		*SUM:*		886		*SUM:*		886
	VOLUME/CAPACITY (*V/C*) RATIO:			0.472			0.559				0.562				0.644				0.644
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.372			0.459				0.462				0.544				0.544
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.082 — *Δv/c* after mitigation: 0.082

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	38	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	No. of Phases			3			3			3			3			3			3			3	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	
	ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2	
	Override Capacity			0			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	48	1	48	0	48	48	3	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	333	2	**167**	-6	327	**164**	513	850	2	**307**	-6	844	2	**325**	0	844	2	**325**
	Through-Right		0							1				1				1	
	Right	51	1	51	36	87	87	19	71	0	71	60	131	0	131	0	131	0	131
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	296	1	**178**	151	447	**253**	47	347	1	**204**	151	498	1	**279**	0	498	1	**279**
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	19	0	**19**	0	19	**19**	7	26	0	**26**	0	26	0	**26**	0	26	0	**26**
	Left-Through		1							1				1				1	
	Through	315	1	177	53	368	203	61	380	1	216	53	433	1	243	0	433	1	243
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	167		*North-South:*	164		*North-South:*		307		*North-South:*		325		*North-South:*		325
			East-West:	197		*East-West:*	272		*East-West:*		230		*East-West:*		305		*East-West:*		305
			SUM:	364		*SUM:*	436		*SUM:*		537		*SUM:*		630		*SUM:*		630
	VOLUME/CAPACITY (*V/C*) RATIO:			0.255			0.306				0.377				0.442				0.442
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.155			0.206				0.277				0.342				0.342
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.065 — *Δv/c* after mitigation: 0.065

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	39	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	No. of Phases			2			2			2			2			2			2			2	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	
	ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2	
	Override Capacity			0			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	46	0	46	0	46	46	4	51	0	51	0	51	0	51	0	51	0	51
	Left-Through		1							1				1				1	
	Through	344	3	**98**	94	438	**121**	456	804	3	**214**	94	898	3	**237**	0	898	3	**237**
	Through-Right		0							0				0				0	
	Right	51	1	51	1	52	52	25	77	1	77	1	78	1	78	0	78	1	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	212	1	**146**	123	335	**219**	38	253	1	**172**	123	376	1	**245**	0	376	1	**245**
	Through-Right		1							1				1				1	
	Right	79	0	79	24	103	103	10	90	0	90	24	114	0	114	0	114	0	114
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	31	0	**31**	14	45	**45**	0	31	0	**31**	14	45	0	**45**	0	45	0	**45**
	Left-Through		1							1				1				1	
	Through	219	1	125	51	270	180	38	260	1	161	51	311	1	201	0	311	1	201
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	98		*North-South:*	121		*North-South:*		214		*North-South:*		237		*North-South:*		237
			East-West:	177		*East-West:*	264		*East-West:*		203		*East-West:*		290		*East-West:*		290
			SUM:	275		*SUM:*	385		*SUM:*		417		*SUM:*		527		*SUM:*		527
	VOLUME/CAPACITY (*V/C*) RATIO:			0.183			0.257				0.278				0.351				0.351
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.092			0.157				0.178				0.251				0.251
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.073 — *Δv/c* after mitigation: 0.073

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	40	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	No. of Phases			2			2			2			2			2			2			2	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	
	ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2	
	Override Capacity			0			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	46	0	46	40	86	86	19	66	0	66	40	106	0	106	0	106	0	106
	Left-Through		1							1				1				1	
	Through	220	2	**76**	725	945	**267**	593	816	2	**230**	725	1541	2	**421**	0	1541	2	**421**
	Through-Right		1							1				1				1	
	Right	38	0	76	0	38	267	0	38	0	230	0	38	0	421	0	38	0	421
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	42	0	**42**	34	76	**76**	39	82	0	**82**	34	116	0	**116**	0	116	0	**116**
	Left-Through		1							1				1				1	
	Through	211	1	127	89	300	226	4	218	1	150	89	307	1	270	0	307	1	270
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	202	1	**117**	25	227	**196**	19	223	1	**133**	25	248	1	**212**	0	248	1	**212**
	Through-Right		1							1				1				1	
	Right	31	0	31	133	164	164	12	43	0	43	133	176	0	176	0	176	0	176
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	76		*North-South:*	267		*North-South:*		230		*North-South:*		421		*North-South:*		421
			East-West:	159		*East-West:*	272		*East-West:*		215		*East-West:*		328		*East-West:*		328
			SUM:	235		*SUM:*	539		*SUM:*		445		*SUM:*		749		*SUM:*		749
	VOLUME/CAPACITY (*V/C*) RATIO:			0.157			0.359				0.297				0.499				0.499
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.078			0.259				0.197				0.399				0.399
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.202 — *Δv/c* after mitigation: 0.202

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	41	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	237	3	79	14	251	84	205	445	3	148	14	459	3	153	0	459	3	153
	Through-Right		1							1				1				1	
	Right	226	1	124	119	345	190	260	489	1	269	119	608	1	334	0	608	1	334
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	62	0	62	33	95	95	27	90	0	90	33	123	0	123	0	123	0	123
	Left-Through		1							1				1				1	
	Through	657	1	360	28	685	390	138	803	1	447	28	831	1	477	0	831	2	318
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		124	North-South:		190	North-South:			269	North-South:			334	North-South:			334
		East-West:		360	East-West:		390	East-West:			447	East-West:			477	East-West:			318
		SUM:		484	SUM:		580	SUM:			716	SUM:			811	SUM:			652
VOLUME/CAPACITY (V/C) RATIO:				0.323			0.387				0.477				0.541				0.435
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.223			0.287				0.377				0.441				0.335
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.064 | Δv/c after mitigation: -0.042

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	42	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	144	0	144	25	169	169	32	178	0	178	25	203	0	203	0	203	0	203
	Left-Through		1							1				1				1	
	Through	443	3	147	697	1140	327	399	847	3	256	697	1544	3	437	0	1544	3	437
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	666	1	397	36	702	702	133	807	1	575	36	843	1	843	0	843	2	422
	Through-Right		1							1				1				1	
	Right	127	0	127	876	1003	1003	213	342	0	342	876	1218	0	1218	0	1218	0	1218
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		147	North-South:		327	North-South:			256	North-South:			437	North-South:			437
		East-West:		397	East-West:		1003	East-West:			575	East-West:			1218	East-West:			1218
		SUM:		544	SUM:		1330	SUM:			831	SUM:			1655	SUM:			1655
VOLUME/CAPACITY (V/C) RATIO:				0.363			0.887				0.554				1.103				1.103
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.263			0.787				0.454				1.003				1.003
LEVEL OF SERVICE (LOS):				A			C				A				F				F

PROJECT IMPACT

Change in v/c due to project: 0.549 | Δv/c after mitigation: 0.549

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	43	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	0	55	20	75	75	12	68	0	68	20	88	0	88	0	88	0	88
	Left-Through		1							1				1				1	
	Through	250	1	180	348	598	374	138	391	1	264	348	739	1	458	0	739	1	458
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	280	1	187	0	280	202	126	409	1	275	0	409	1	290	0	409	1	290
	Through-Right		1							1				1				1	
	Right	93	0	93	31	124	124	46	140	0	140	31	171	0	171	0	171	0	171
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	19	0	19	0	19	19	16	35	0	35	0	35	0	35	0	35	0	35
	Left-Through		1							1				1				1	
	Through	651	0	383	920	1571	1100	289	948	0	546	920	1868	0	1263	0	1868	1	842
	Through-Right		1							1				1				1	
	Right	96	0	383	513	609	1100	11	108	0	546	515	623	0	1263	0	623	0	842
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		242	North-South:		374	North-South:			343	North-South:			458	North-South:			458
		East-West:		383	East-West:		1100	East-West:			546	East-West:			1263	East-West:			842
		SUM:		625	SUM:		1474	SUM:			889	SUM:			1721	SUM:			1300
VOLUME/CAPACITY (V/C) RATIO:				0.417			0.983				0.593				1.147				0.867
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.317			0.883				0.493				1.047				0.767
LEVEL OF SERVICE (LOS):				A			D				A				F				C

PROJECT IMPACT

Change in v/c due to project: 0.554 | Δv/c after mitigation: 0.274

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	44	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	96	1	96	48	144	144	0	97	1	97	48	145	1	145	0	145	1	145
	Left-Through		0							0				0				0	
	Through	443	2	222	68	511	256	113	561	2	281	68	629	2	315	0	629	2	315
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	345	1	201	50	395	226	111	460	1	265	50	510	1	290	0	510	1	290
	Through-Right		1							1				1				1	
	Right	57	0	57	0	57	57	11	69	0	69	0	69	0	69	0	69	0	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	37	0	37	118	155	155	9	46	0	46	118	164	0	164	0	164	0	164
	Left-Through		1							1				1				1	
	Through	497	0	330	1386	1883	1144	305	808	0	497	1388	2196	0	1312	0	2196	1	874
	Through-Right		1							1				1				1	
	Right	126	0	330	124	250	1144	11	139	0	497	124	263	0	1312	0	263	0	874
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		297	North-South:		370	North-South:			362	North-South:			435	North-South:			435
		East-West:		330	East-West:		1144	East-West:			497	East-West:			1312	East-West:			874
		SUM:		627	SUM:		1514	SUM:			859	SUM:			1747	SUM:			1309
VOLUME/CAPACITY (V/C) RATIO:				0.418			1.009				0.573				1.165				0.873
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.318			0.909				0.473				1.065				0.773
LEVEL OF SERVICE (LOS):				A			E				A				F				C

PROJECT IMPACT

Change in v/c due to project: 0.592 | Δv/c after mitigation: 0.300

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	45	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	77	1	77	0	77	77	6	84	1	84	0	84	1	84	0	84	1	84
	Left-Through		0							0				0				0	
	Through	465	2	233	0	465	233	126	597	2	299	0	597	2	299	0	597	2	299
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	349	1	252	0	349	252	112	465	1	319	0	465	1	320	0	465	1	320
	Through-Right		1							1				1				1	
	Right	154	0	154	1	155	155	17	173	0	173	1	174	0	174	0	174	0	174
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	88	0	88	0	88	88	107	196	0	196	0	196	0	196	0	196	0	196
	Left-Through		1							1				1				1	
	Through	379	0	264	1627	2006	1077	302	686	0	484	1629	2315	0	1299	0	2315	1	866
	Through-Right		1							1				1				1	
	Right	60	0	264	0	60	1077	25	86	0	484	0	86	0	1299	0	86	0	866
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		329	North-South:		329	North-South:			403	North-South:			404	North-South:			404
		East-West:		264	East-West:		1077	East-West:			484	East-West:			1299	East-West:			866
		SUM:		593	SUM:		1406	SUM:			887	SUM:			1703	SUM:			1270
VOLUME/CAPACITY (V/C) RATIO:				0.395			0.937				0.591				1.135				0.847
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.295			0.837				0.491				1.035				0.747
LEVEL OF SERVICE (LOS):				A			D				A				F				C

PROJECT IMPACT

Change in v/c due to project: 0.544 | Δv/c after mitigation: 0.256
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	46	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	26	1	26	0	26	26	0	26	1	26	0	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	137	2	69	0	137	69	6	145	2	73	0	145	2	73	0	145	2	73
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	392	1	249	0	392	335	18	415	1	263	0	415	1	350	0	415	1	350
	Through-Right		1							1				1				1	
	Right	105	0	105	173	278	278	5	111	0	111	173	284	0	284	0	284	0	284
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	74	0	74	0	74	74	0	75	0	75	0	75	0	75	0	75	0	75
	Left-Through		1							1				1				1	
	Through	410	0	425	1454	1864	1152	430	845	0	657	1456	2301	0	1385	0	2301	1	923
	Through-Right		1							1				1				1	
	Right	366	0	425	0	366	1152	24	394	0	657	0	394	0	1385	0	394	0	923
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		275	North-South:		361	North-South:			289	North-South:			376	North-South:			376
		East-West:		425	East-West:		1152	East-West:			657	East-West:			1385	East-West:			923
		SUM:		700	SUM:		1513	SUM:			946	SUM:			1761	SUM:			1299
VOLUME/CAPACITY (V/C) RATIO:				0.467			1.009				0.631				1.174				0.866
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.367			0.909				0.531				1.074				0.766
LEVEL OF SERVICE (LOS):				A			E				A				F				C

PROJECT IMPACT

Change in v/c due to project: 0.543 | Δv/c after mitigation: 0.235
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	47	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	5	1	5	0	5	5	0	5	1	5	0	5	1	5	0	5	1	5
	Left-Through		0							0				0				0	
	Through	211	3	70	0	211	70	420	634	3	211	0	634	3	211	0	634	3	211
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	49	1	33	12	61	39	42	92	1	54	12	104	1	60	0	104	1	60
	Through-Right		1							1				1				1	
	Right	16	0	16	0	16	16	0	16	0	16	0	16	0	16	0	16	0	16
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		70	North-South:		70	North-South:			211	North-South:			211	North-South:			211
		East-West:		33	East-West:		39	East-West:			54	East-West:			60	East-West:			60
		SUM:		103	SUM:		109	SUM:			265	SUM:			271	SUM:			271
VOLUME/CAPACITY (V/C) RATIO:				0.072			0.076				0.186				0.190				0.190
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.036			0.038				0.093				0.095				0.095
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.002 | Δv/c after mitigation: 0.002
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	48	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 3 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	147	2	81	30	177	97	0	149	2	82	30	179	2	98	0	179	2	98
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	145	1	145	0	145	145	59	206	1	206	0	206	1	206	0	206	1	206
	Left-Through		0							0				0				0	
	Through	162	3	54	47	209	70	174	338	3	113	47	385	3	128	0	385	3	128
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	343	2	114	285	628	209	319	666	2	222	285	951	2	317	0	951	2	317
	Through-Right		1							1				1				1	
	Right	90	1	90	0	90	90	78	169	1	169	0	169	1	169	0	169	1	169
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		226	North-South:		242	North-South:			288	North-South:			304	North-South:			304
		East-West:		114	East-West:		209	East-West:			222	East-West:			317	East-West:			317
		SUM:		340	SUM:		451	SUM:			510	SUM:			621	SUM:			621
VOLUME/CAPACITY (V/C) RATIO:				0.239			0.316				0.358				0.436				0.436
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.139			0.216				0.258				0.336				0.336
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.078 | Δv/c after mitigation: 0.078
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
49	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	247	3	74	518	765	204	180	430	3	120	518	948	3	250	0	948	3	250
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	339	1	339	204	543	543	251	594	1	594	204	798	1	798	0	798	1	798
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	305	2	153	112	417	209	127	436	2	218	112	548	2	274	0	548	2	274
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		74	North-South:		204	North-South:			120	North-South:			250	North-South:			250
	East-West:		339	East-West:		543	East-West:			594	East-West:			798	East-West:			798
	SUM:		413	SUM:		747	SUM:			714	SUM:			1048	SUM:			1048
VOLUME/CAPACITY (V/C) RATIO:			0.275			0.498				0.476				0.699				0.699
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.175			0.398				0.376				0.599				0.599
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.223 | Δv/c after mitigation: 0.223
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
50	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	246	1	145	257	503	273	135	384	1	214	257	641	1	343	0	641	1	343
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	63	0	63	0	63	63	17	81	0	81	0	81	0	81	0	81	0	81
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	234	1	149	0	234	180	125	362	1	262	0	362	1	343	0	362	1	343
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	58	1	58	112	170	170	15	74	1	74	112	186	1	186	0	186	0	186
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	409	1	226	0	409	226	111	525	1	285	0	525	1	285	0	525	1	252
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	252
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		208	North-South:		336	North-South:			295	North-South:			424	North-South:			424
	East-West:		226	East-West:		226	East-West:			285	East-West:			285	East-West:			252
	SUM:		434	SUM:		562	SUM:			580	SUM:			709	SUM:			676
VOLUME/CAPACITY (V/C) RATIO:			0.289			0.375				0.387				0.473				0.451
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.189			0.275				0.287				0.373				0.351
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.086 | Δv/c after mitigation: 0.064
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
51	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	493	1	276	116	609	334	113	612	1	346	116	728	1	404	0	728	1	404
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	58	0	58	0	58	58	20	79	0	79	0	79	0	79	0	79	0	79
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	68	1	68	0	68	68	14	83	1	83	0	83	1	83	0	83	1	83
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	315	2	158	168	483	242	106	425	2	213	168	593	2	297	0	593	2	297
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	47	1	47	0	47	47	0	48	1	48	0	48	1	48	0	48	0	48
EASTBOUND Left-Through		0							0				0				1	
EASTBOUND Through	459	1	240	0	459	240	115	580	1	307	0	580	1	307	0	580	1	220
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	20	0	20	0	20	20	13	33	0	33	0	33	0	33	0	33	0	220
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		344	North-South:		402	North-South:			429	North-South:			487	North-South:			487
	East-West:		240	East-West:		240	East-West:			307	East-West:			307	East-West:			220
	SUM:		584	SUM:		642	SUM:			736	SUM:			794	SUM:			707
VOLUME/CAPACITY (V/C) RATIO:			0.389			0.428				0.491				0.529				0.471
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.289			0.328				0.391				0.429				0.371
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.038 | Δv/c after mitigation: -0.020
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
52	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	492	1	323	0	492	323	110	608	1	439	0	608	1	439	0	608	1	439
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	153	0	153	0	153	153	114	269	0	269	0	269	0	269	0	269	0	269
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	80	1	80	0	80	80	16	97	1	97	0	97	1	97	0	97	1	97
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	358	2	179	0	358	179	203	565	2	283	0	565	2	283	0	565	2	283
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	54	0	54	0	54	54	22	77	0	77	0	77	0	77	0	77	0	77
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	435	1	245	0	435	245	121	561	1	319	0	561	1	319	0	561	1	319
EASTBOUND Through-Right		1							0				0				0	
EASTBOUND Right	52	1	52	0	52	52	6	59	1	59	0	59	1	59	0	59	1	59
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		403	North-South:		403	North-South:			536	North-South:			536	North-South:			536
	East-West:		245	East-West:		245	East-West:			319	East-West:			319	East-West:			319
	SUM:		648	SUM:		648	SUM:			855	SUM:			855	SUM:			855
VOLUME/CAPACITY (V/C) RATIO:			0.432			0.432				0.570				0.570				0.570
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.332			0.332				0.470				0.470				0.470
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	53	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	255	1	129	0	255	129	4	262	1	132	0	262	1	132	0	262	1	132
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	8	1	8	0	8	8	0	8	1	8	0	8	1	8	0	8	1	8
	Left-Through		0							0				0				0	
	Through	222	2	111	0	222	111	0	225	2	113	0	225	2	113	0	225	2	113
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	563	1	563	0	563	563	251	821	1	821	0	821	1	821	0	821	2	452
	Left-Through		0							0				0				0	
	Through	63	1	49	0	63	49	0	64	1	50	0	64	1	50	0	64	1	50
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		137	North-South:		137	North-South:			140	North-South:			140	North-South:			140
		East-West:		563	East-West:		563	East-West:			821	East-West:			821	East-West:			452
		SUM:		700	SUM:		700	SUM:			961	SUM:			961	SUM:			592
VOLUME/CAPACITY (V/C) RATIO:				0.467			0.467				0.641				0.641				0.395
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.367			0.367				0.541				0.541				0.295
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: -0.246

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	54	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4				4				4				4				4			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	134	1	134	0	134	134	10	146	1	146	0	146	1	146	0	146	1	146
	Left-Through		0							0				0				0	
	Through	939	3	258	121	1060	297	548	1498	3	408	121	1619	3	447	0	1619	3	447
	Through-Right		1							1				1				1	
	Right	94	0	94	32	126	126	40	135	0	135	32	167	0	167	0	167	0	167
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	69	1	69	24	93	93	0	70	1	70	24	94	1	94	0	94	1	94
	Left-Through		0							0				0				0	
	Through	358	1	240	7	365	260	7	369	1	251	7	376	1	271	0	376	1	271
	Through-Right		1							1				1				1	
	Right	122	0	122	33	155	155	9	132	0	132	33	165	0	165	0	165	0	165
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	83	1	83	15	98	98	22	106	1	106	15	121	1	121	0	121	1	121
	Left-Through		0							0				0				0	
	Through	433	2	178	95	528	210	48	486	2	197	95	581	2	229	0	581	2	229
	Through-Right		1							1				1				1	
	Right	101	0	101	0	101	101	3	105	0	105	0	105	0	105	0	105	0	105
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	106	1	106	2	108	108	34	141	1	141	2	143	1	143	0	143	1	143
	Left-Through		0							0				0				0	
	Through	629	2	247	0	629	249	87	724	2	288	0	724	2	290	0	724	3	241
	Through-Right		1							1				1				0	
	Right	112	0	112	6	118	118	28	141	0	141	6	147	0	147	0	147	1	100
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		374	North-South:		394	North-South:			478	North-South:			541	North-South:			541
		East-West:		330	East-West:		347	East-West:			394	East-West:			411	East-West:			372
		SUM:		704	SUM:		741	SUM:			872	SUM:			952	SUM:			913
VOLUME/CAPACITY (V/C) RATIO:				0.512			0.539				0.634				0.692				0.664
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.412			0.439				0.534				0.592				0.564
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.058 — Δv/c after mitigation: 0.030

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	55	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	20	1	20	0	20	20	9	29	1	29	0	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	142	2	71	0	142	71	387	531	2	211	0	531	2	211	0	531	2	211
	Through-Right		1							1				1				1	
	Right	77	0	77	0	77	77	25	103	0	103	0	103	0	103	0	103	0	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	557	2	279	97	654	327	84	648	2	324	97	745	2	373	0	745	2	373
	Through-Right		0							0				0				0	
	Right	39	1	39	54	93	93	4	43	1	43	54	97	1	97	0	97	1	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	45	45	0	0	0	0	0	45	45	0	0	0	45	0	0
	Left-Through		0							0				0				0	
	Through	787	2	394	8	795	398	125	921	2	461	8	929	2	465	0	929	2	465
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		77	North-South:		77	North-South:			211	North-South:			211	North-South:			211
		East-West:		394	East-West:		398	East-West:			461	East-West:			465	East-West:			465
		SUM:		471	SUM:		475	SUM:			672	SUM:			676	SUM:			676
VOLUME/CAPACITY (V/C) RATIO:				0.314			0.317				0.448				0.451				0.451
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.214			0.217				0.348				0.351				0.351
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.003 — Δv/c after mitigation: 0.003

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	56	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3				3				3				3				3			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	68	1	68	0	68	68	0	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	137	0	207	35	172	257	0	139	0	217	35	174	0	267	0	174	0	267
	Through-Right		1							1				1				1	
	Right	70	0	0	15	85	0	7	78	0	0	15	93	0	0	0	93	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	47	1	47	0	47	47	49	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	143	2	72	0	143	72	187	332	2	166	0	332	2	166	0	332	2	166
	Through-Right		0							0				0				0	
	Right	84	1	84	37	121	121	16	101	1	101	37	138	1	138	0	138	1	138
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	545	1	286	97	642	334	92	644	1	335	97	741	1	384	0	741	1	384
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	38	1	38	0	38	38	4	42	1	42	0	42	1	42	0	42	1	42
	Left-Through		0							0				0				0	
	Through	594	1	303	16	610	311	110	711	1	362	16	727	1	370	0	727	1	370
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		254	North-South:		304	North-South:			314	North-South:			364	North-South:			364
		East-West:		324	East-West:		372	East-West:			377	East-West:			426	East-West:			426
		SUM:		578	SUM:		676	SUM:			691	SUM:			790	SUM:			790
VOLUME/CAPACITY (V/C) RATIO:				0.406			0.474				0.485				0.554				0.554
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.306			0.374				0.385				0.454				0.454
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.069 — Δv/c after mitigation: 0.069

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	57	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	25	0 1	25	6	31	31	52	77	0 1	77	6	83	0 1	83	0	83	0 1	83
	Left-Through																		
	Through	74	1 1	39	427	501	183	140	215	1 1	103	427	642	1 1	248	0	642	1 1	248
	Through-Right																		
	Right	18	0 1	39	0	18	183	0	18	0 1	103	0	18	0 1	248	0	18	0 1	248
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Through-Right		0							0				0				0	
	Right	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	64	1 0	64	61	125	125	37	102	1 0	102	61	163	1 0	163	0	163	1 0	163
	Left-Through																		
	Through	572	1 1	293	51	623	318	109	688	1 1	351	51	739	1 1	376	0	739	1 1	376
	Through-Right																		
	Right	13	0 0	13	0	13	13	0	13	0 0	13	0	13	0 0	13	0	13	0 0	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	6	1 0	6	182	188	188	0	6	1 0	6	182	188	1 0	188	0	188	1 0	188
	Left-Through		0							0				0				0	
	Through	614	1 1	336	12	626	359	117	738	1 1	400	12	750	1 1	423	0	750	1 1	423
	Through-Right																		
	Right	58	0 0	58	34	92	92	2	61	0 0	61	34	95	0 0	95	0	95	0 0	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		39	North-South:		183	North-South:			103	North-South:			248	North-South:			248
		East-West:		400	East-West:		506	East-West:			502	East-West:			586	East-West:			586
		SUM:		439	SUM:		689	SUM:			605	SUM:			834	SUM:			834
VOLUME/CAPACITY (v/c) RATIO:				0.308			0.484				0.425				0.585				0.585
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.208			0.384				0.325				0.485				0.485
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.160 | Δv/c after mitigation: 0.160
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	58	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	21	1 0	21	2	23	23	0	21	1 0	21	2	23	1 0	23	0	23	1 0	23
	Left-Through																		
	Through	217	1 1	129	191	408	224	102	322	1 1	181	191	513	1 1	277	0	513	1 1	277
	Through-Right																		
	Right	40	0 0	40	0	40	40	0	40	0 0	40	0	40	0 0	40	0	40	0 0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	71	1 0	71	0	71	71	7	79	1 0	79	0	79	1 0	79	0	79	1 0	79
	Left-Through		0							0				0				0	
	Through	175	1 1	103	0	175	103	97	274	1 1	163	0	274	1 1	163	0	274	1 1	163
	Through-Right																		
	Right	31	0 0	31	0	31	31	21	52	0 0	52	0	52	0 0	52	0	52	0 0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	5	1 0	5	49	54	54	12	17	1 0	17	49	66	1 0	66	0	66	1 0	66
	Left-Through		0							0				0				0	
	Through	123	1 1	62	2	125	63	97	221	1 1	111	2	223	1 1	112	0	223	1 1	112
	Through-Right																		
	Right	1	0 0	1	0	1	1	0	1	0 0	1	0	1	0 0	1	0	1	0 0	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	25	1 0	25	0	25	25	0	25	1 0	25	0	25	1 0	25	0	25	1 0	25
	Left-Through		0							0				0				0	
	Through	430	1 1	243	226	656	364	98	533	1 1	305	226	759	1 1	427	0	759	1 1	427
	Through-Right																		
	Right	55	0 0	55	17	72	72	21	77	0 0	77	17	94	0 0	94	0	94	0 0	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		200	North-South:		295	North-South:			260	North-South:			356	North-South:			356
		East-West:		248	East-West:		418	East-West:			322	East-West:			493	East-West:			493
		SUM:		448	SUM:		713	SUM:			582	SUM:			849	SUM:			849
VOLUME/CAPACITY (v/c) RATIO:				0.314			0.500				0.408				0.596				0.596
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.214			0.400				0.308				0.496				0.496
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.188 | Δv/c after mitigation: 0.188
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	59	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	27	1 0	27	0	27	27	0	27	1 0	27	0	27	1 0	27	0	27	1 0	27
	Left-Through																		
	Through	431	1 1	248	116	547	306	112	548	1 1	311	116	664	1 1	369	0	664	1 1	369
	Through-Right																		
	Right	65	0 0	65	0	65	65	8	74	0 0	74	0	74	0 0	74	0	74	0 0	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	45	1 0	45	0	45	45	20	66	1 0	66	0	66	1 0	66	0	66	1 0	66
	Left-Through		0							0				0				0	
	Through	276	1 1	161	-1	275	244	97	376	1 1	212	-1	375	1 1	296	0	375	1 1	296
	Through-Right																		
	Right	45	0 0	45	168	213	213	2	48	0 0	48	168	216	0 0	216	0	216	0 0	216
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	10	1 0	10	0	10	10	15	25	1 0	25	0	25	1 0	25	0	25	1 0	25
	Left-Through		0							0				0				0	
	Through	203	1 1	106	2	205	107	89	294	1 1	152	2	296	1 1	153	0	296	1 1	153
	Through-Right																		
	Right	9	0 0	9	0	9	9	0	9	0 0	9	0	9	0 0	9	0	9	0 0	9
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	42	1 0	42	0	42	42	7	50	1 0	50	0	50	1 0	50	0	50	1 0	50
	Left-Through		0							0				0				0	
	Through	447	1 1	259	75	522	297	117	569	1 1	324	75	644	1 1	361	0	644	1 1	361
	Through-Right																		
	Right	71	0 0	71	0	71	71	6	78	0 0	78	0	78	0 0	78	0	78	0 0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		293	North-South:		351	North-South:			377	North-South:			435	North-South:			435
		East-West:		269	East-West:		307	East-West:			349	East-West:			386	East-West:			386
		SUM:		562	SUM:		658	SUM:			726	SUM:			821	SUM:			821
VOLUME/CAPACITY (v/c) RATIO:				0.394			0.462				0.509				0.576				0.576
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.294			0.362				0.409				0.476				0.476
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.067 | Δv/c after mitigation: 0.067
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	60	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	1 0	55	0	55	55	0	56	1 0	56	0	56	1 0	56	0	56	1 0	56
	Left-Through																		
	Through	526	1 1	305	0	526	305	206	738	1 1	418	0	738	1 1	418	0	738	1 1	418
	Through-Right																		
	Right	83	0 0	83	0	83	83	13	97	0 0	97	0	97	0 0	97	0	97	0 0	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	48	1 0	48	0	48	48	10	59	1 0	59	0	59	1 0	59	0	59	1 0	59
	Left-Through		0							0				0				0	
	Through	301	1 1	176	0	301	176	190	495	1 1	279	0	495	1 1	279	0	495	1 1	279
	Through-Right																		
	Right	51	0 0	51	0	51	51	10	62	0 0	62	0	62	0 0	62	0	62	0 0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	46	1 0	46	0	46	46	7	54	1 0	54	0	54	1 0	54	0	54	1 0	54
	Left-Through		0							0				0				0	
	Through	585	1 1	318	2	587	319	111	703	1 1	377	2	705	1 1	378	0	705	1 1	378
	Through-Right																		
	Right	50	0 0	50	0	50	50	0	51	0 0	51	0	51	0 0	51	0	51	0 0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	75	1 0	75	0	75	75	0	76	1 0	76	0	76	1 0	76	0	76	1 0	76
	Left-Through		0							0				0				0	
	Through	652	1 1	355	75	727	393	121	781	1 1	426	75	856	1 1	463	0	856	1 1	463
	Through-Right																		
	Right	58	0 0	58	0	58	58	11	70	0 0	70	0	70	0 0	70	0	70	0 0	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		353	North-South:		353	North-South:			477	North-South:			477	North-South:			477
		East-West:		401	East-West:		439	East-West:			480	East-West:			517	East-West:			517
		SUM:		754	SUM:		792	SUM:			957	SUM:			994	SUM:			994
VOLUME/CAPACITY (v/c) RATIO:				0.529			0.556				0.672				0.698				0.698
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.429			0.456				0.572				0.598				0.598
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.026 | Δv/c after mitigation: 0.026
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	61	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	8	0 1	8	0	8	8	0	8	0 1	8	0	8	0 1	8	0	8	0 1	8
	Left-Through																		
	Through	78	0 1	55	0	78	55	0	79	0 1	55	0	79	0 1	55	0	79	0 1	55
	Through-Right																		
	Right	23	0	55	0	23	55	0	23	0	55	0	23	0	55	0	23	0	55
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	66	0 1	66	0	66	66	0	67	0 1	67	0	67	0 1	67	0	67	0 1	67
	Left-Through																		
	Through	109	0 1	122	0	109	122	0	110	0 1	124	0	110	0 1	124	0	110	0 1	124
	Through-Right																		
	Right	69	0	122	0	69	122	0	70	0	124	0	70	0	124	0	70	0	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	49	1	49	0	49	49	4	54	1	54	0	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	449	1	230	2	451	231	87	541	1	276	2	543	1	277	0	543	1	277
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	21	1	21	0	21	21	0	21	1	21	0	21	1	21	0	21	1	21
	Left-Through		0							0				0				0	
	Through	444	1	264	75	519	302	95	544	1	315	75	619	1	352	0	619	1	352
	Through-Right		1							1				1				1	
	Right	84	0	84	0	84	84	0	85	0	85	0	85	0	85	0	85	0	85
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		130	North-South:		130	North-South:			132	North-South:			132	North-South:			132
		East-West:		313	East-West:		351	East-West:			369	East-West:			406	East-West:			406
		SUM:		443	SUM:		481	SUM:			501	SUM:			538	SUM:			538
VOLUME/CAPACITY (V/C) RATIO:				0.311			0.338				0.352				0.378				0.378
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.211			0.238				0.252				0.278				0.278
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.026 Δv/c after mitigation: 0.026

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	62	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	70	1	70	0	70	70	12	83	1	83	0	83	1	83	0	83	1	83
	Left-Through		0							0				0				0	
	Through	602	1	325	0	602	325	0	609	1	330	0	609	1	330	0	609	1	330
	Through-Right		1							1				1				1	
	Right	48	0	48	0	48	48	2	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	72	1	72	0	72	72	0	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	587	1	338	0	587	338	0	594	1	342	0	594	1	342	0	594	1	342
	Through-Right		1							1				1				1	
	Right	89	0	89	0	89	89	0	90	0	90	0	90	0	90	0	90	0	90
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	133	1	133	0	133	133	0	135	1	135	0	135	1	135	0	135	1	135
	Left-Through		0							0				0				0	
	Through	433	1	262	2	435	263	81	519	1	311	2	521	1	312	0	521	1	312
	Through-Right		1							1				1				1	
	Right	91	0	91	0	91	91	11	103	0	103	0	103	0	103	0	103	0	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	154	1	154	0	154	154	0	156	1	156	0	156	1	156	0	156	1	156
	Left-Through		0							0				0				0	
	Through	406	1	232	75	481	270	84	495	1	277	75	570	1	315	0	570	1	315
	Through-Right		1							1				1				1	
	Right	58	0	58	0	58	58	0	59	0	59	0	59	0	59	0	59	0	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		408	North-South:		408	North-South:			425	North-South:			425	North-South:			425
		East-West:		416	East-West:		417	East-West:			467	East-West:			468	East-West:			468
		SUM:		824	SUM:		825	SUM:			892	SUM:			893	SUM:			893
VOLUME/CAPACITY (V/C) RATIO:				0.578			0.579				0.626				0.627				0.627
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.478			0.479				0.526				0.527				0.527
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 Δv/c after mitigation: 0.001

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	63	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/28/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3
	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	175	1	175	0	175	175	14	191	1	191	0	191	1	191	0	191	1	191
	Left-Through		0							0				0				0	
	Through	1352	2	486	38	1390	499	561	1929	2	682	38	1967	2	695	0	1967	2	695
	Through-Right		1							1				1				1	
	Right	107	0	107	0	107	107	9	117	0	117	0	117	0	117	0	117	0	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	112	1	112	0	112	112	14	127	1	127	0	127	1	127	0	127	1	127
	Left-Through		0							0				0				0	
	Through	718	2	359	7	725	363	178	905	2	453	7	912	2	456	0	912	2	456
	Through-Right		0							0				0				0	
	Right	93	1	0	0	93	0	8	102	1	0	0	102	1	0	0	102	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	136	1	136	0	136	136	2	140	1	140	0	140	1	140	0	140	1	140
	Left-Through		0							0				0				0	
	Through	343	1	343	0	343	343	9	356	1	356	0	356	1	356	0	356	1	356
	Through-Right		0							0				0				0	
	Right	240	1	153	0	240	153	6	249	1	154	0	249	1	154	0	249	1	154
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	217	1	217	0	217	217	68	288	1	288	0	288	1	288	0	288	1	288
	Left-Through		0							0				0				0	
	Through	609	2	305	0	609	305	12	628	2	314	0	628	2	314	0	628	2	314
	Through-Right		0							0				0				0	
	Right	421	1	309	18	439	327	47	473	1	346	18	491	1	364	0	491	1	364
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		598	North-South:		611	North-South:			809	North-South:			822	North-South:			822
		East-West:		560	East-West:		560	East-West:			644	East-West:			644	East-West:			644
		SUM:		1158	SUM:		1171	SUM:			1453	SUM:			1466	SUM:			1466
VOLUME/CAPACITY (V/C) RATIO:				0.842			0.852				1.057				1.066				1.066
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.742			0.752				0.957				0.966				0.966
LEVEL OF SERVICE (LOS):				C			C				E				E				E

PROJECT IMPACT

Change in v/c due to project: 0.009 Δv/c after mitigation: 0.009

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	64	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	2	WB-- 0	EB--	2	WB-- 0	EB--	2	WB-- 0	EB--	2	WB-- 0	EB--	2	WB-- 0	EB--	2	WB-- 0	EB--	2	WB-- 0	EB--	2	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	179	2	82	22	201	90	441	622	2	242	22	644	2	250	0	644	2	250
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	36	105	0	105	0	105	0	105	0	105	0	105
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	373	1	294	0	373	294	32	409	1	313	0	409	1	313	0	409	1	313
	Through-Right		1							1				1				1	
	Right	214	0	214	0	214	214	0	217	0	217	0	217	0	217	0	217	0	217
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	1203	2	401	18	1221	439	91	1309	2	436	18	1327	2	442	0	1327	2	442
	Through-Right		1							1				1				1	
	Right	0	0	0	97	97	97	8	8	1	8	97	105	1	105	0	105	1	105
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		82	North-South:		90	North-South:			242	North-South:			250	North-South:			250
		East-West:		401	East-West:		439	East-West:			436	East-West:			442	East-West:			442
		SUM:		483	SUM:		529	SUM:			678	SUM:			692	SUM:			692
VOLUME/CAPACITY (V/C) RATIO:				0.322			0.353				0.493				0.503				0.503
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.222			0.253				0.393				0.403				0.403
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.010 Δv/c after mitigation: 0.010

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	65	North-South Street:	I-110 NB Off General	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3				3				3				3				3			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				1				1				1				1				1			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 2 SB--			2	NB-- 2 SB--			2	NB-- 2 SB--			2	NB-- 2 SB--			2	NB-- 2 SB--			2		
	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0		
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	171	1	171	18	189	189	22	195	1	195	18	213	1	213	0	213	1	213
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	206	0	206	182	388	388	54	262	0	262	182	444	0	444	0	444	0	444
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
SOUTHBOUND	Left	529	1	356	97	626	618	8	543	2	299	97	640	2	352	0	640	2	352
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	183	0	356	427	610	618	43	228	1	228	427	655	1	655	0	655	1	655
	Left-Through-Right		0							0				0				0	
	Left-Right		1							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	376	2	188	0	376	188	74	455	2	228	0	455	2	228	0	455	2	228
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	521	2	261	0	521	261	68	595	2	298	0	595	2	298	0	595	2	298
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		562	North-South:		1006	North-South:			561	North-South:			1099	North-South:			1099
		East-West:		261	East-West:		261	East-West:			298	East-West:			298	East-West:			298
		SUM:		823	SUM:		1267	SUM:			859	SUM:			1397	SUM:			1397
VOLUME/CAPACITY (V/C) RATIO:				0.578			0.889				0.603				0.980				0.980
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.478			0.789				0.503				0.880				0.880
LEVEL OF SERVICE (LOS):				A			C				A				D				D

PROJECT IMPACT

Change in v/c due to project: 0.377 | Δv/c after mitigation: 0.377

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	66	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0		
	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0		
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	36	1	36	0	36	36	0	36	1	36	0	36	1	36	0	36	1	36
	Left-Through		0							0				0				0	
	Through	163	1	163	4	167	167	0	165	1	165	4	169	1	169	0	169	1	169
	Through-Right		0							0				0				0	
	Right	61	1	37	0	61	37	0	62	1	37	0	62	1	37	0	62	1	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	49	1	49	0	49	49	0	50	1	50	0	50	1	50	0	50	1	50
	Left-Through		0							0				0				0	
	Through	159	1	102	0	159	102	139	300	1	173	0	300	1	173	0	300	1	173
	Through-Right		1							1				1				1	
	Right	45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	137	1	137	46	183	183	0	139	1	139	46	185	1	185	0	185	1	185
	Left-Through		0							0				0				0	
	Through	595	1	318	563	1158	600	128	730	1	386	563	1293	1	667	0	1293	1	667
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	49	1	49	0	49	49	0	50	1	50	0	50	1	50	0	50	1	50
	Left-Through		0							0				0				0	
	Through	448	1	255	0	448	255	68	521	1	292	0	521	1	292	0	521	1	292
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		212	North-South:		216	North-South:			215	North-South:			219	North-South:			219
		East-West:		392	East-West:		649	East-West:			436	East-West:			717	East-West:			717
		SUM:		604	SUM:		865	SUM:			651	SUM:			936	SUM:			936
VOLUME/CAPACITY (V/C) RATIO:				0.403			0.577				0.434				0.624				0.624
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.303			0.477				0.334				0.524				0.524
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.190 | Δv/c after mitigation: 0.190

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	67	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0		
	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0		
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	276	1	179	262	538	310	152	431	1	257	262	693	1	388	0	693	1	388
	Through-Right		1							1				1				1	
	Right	81	0	81	0	81	81	0	82	0	82	0	82	0	82	0	82	0	82
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	181	1	114	0	181	114	88	271	1	161	0	271	1	161	0	271	1	161
	Through-Right		1							1				1				1	
	Right	46	0	46	0	46	46	3	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	65	1	65	446	511	511	54	120	1	120	446	566	1	566	0	566	1	566
	Left-Through		0							0				0				0	
	Through	598	1	318	116	714	376	75	680	1	359	116	796	1	417	0	796	1	417
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	0	38	0	38	0	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	40	1	40	0	40	40	0	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	445	1	254	0	445	254	66	516	1	290	0	516	1	290	0	516	1	290
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	0	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		241	North-South:		372	North-South:			320	North-South:			451	North-South:			451
		East-West:		358	East-West:		765	East-West:			410	East-West:			856	East-West:			856
		SUM:		599	SUM:		1137	SUM:			730	SUM:			1307	SUM:			1307
VOLUME/CAPACITY (V/C) RATIO:				0.399			0.758				0.487				0.871				0.871
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.299			0.658				0.387				0.771				0.771
LEVEL OF SERVICE (LOS):				A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.384 | Δv/c after mitigation: 0.384

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	68	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0		
	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0		
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	72	1	72	0	72	72	1	74	1	74	0	74	1	74	0	74	1	74
	Left-Through		0							0				0				0	
	Through	438	1	235	-1	437	234	114	557	1	294	-1	556	1	294	0	556	1	294
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	0	31	0	31	0	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	32	1	32	0	32	32	0	32	1	32	0	32	1	32	0	32	1	32
	Left-Through		0							0				0				0	
	Through	303	1	176	-1	302	175	93	400	1	230	-1	399	1	230	0	399	1	230
	Through-Right		1							1				1				1	
	Right	48	0	48	0	48	48	11	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	79	1	79	116	195	195	8	88	1	88	116	204	1	204	0	204	1	204
	Left-Through		0							0				0				0	
	Through	413	1	227	0	413	227	64	482	1	263	0	482	1	263	0	482	1	263
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	3	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	29	1	29	0	29	29	0	29	1	29	0	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	464	1	244	0	464	244	54	524	1	274	0	524	1	274	0	524	1	274
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		267	North-South:		266	North-South:			326	North-South:			326	North-South:			326
		East-West:		323	East-West:		439	East-West:			362	East-West:			478	East-West:			478
		SUM:		590	SUM:		705	SUM:			688	SUM:			804	SUM:			804
VOLUME/CAPACITY (V/C) RATIO:				0.393			0.470				0.459				0.536				0.536
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.293			0.370				0.359				0.436				0.436
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.077 | Δv/c after mitigation: 0.077

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	69	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	70	1	70	0	70	70	0	71	1	71	0	71	1	71	0	71	1	71
	Left-Through		0							0				0				0	
	Through	566	1	315	0	566	315	200	773	1	419	0	773	1	419	0	773	1	419
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	0	65	0	65	0	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	42	1	42	0	42	42	0	43	1	43	0	43	1	43	0	43	1	43
	Left-Through		0							0				0				0	
	Through	410	1	228	0	410	228	185	600	1	325	0	600	1	325	0	600	1	325
	Through-Right		1							1				1				1	
	Right	46	0	46	0	46	46	3	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	92	1	92	0	92	92	17	110	1	110	0	110	1	110	0	110	1	110
	Left-Through		0							0				0				0	
	Through	516	1	285	0	516	285	47	569	1	312	0	569	1	312	0	569	1	312
	Through-Right		1							1				1				1	
	Right	54	0	54	0	54	54	0	55	0	55	0	55	0	55	0	55	0	55
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	79	1	79	0	79	79	0	80	1	80	0	80	1	80	0	80	1	80
	Left-Through		0							0				0				0	
	Through	428	1	248	0	428	248	52	485	1	277	0	485	1	277	0	485	1	277
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		357	North-South:		357	North-South:			462	North-South:			462	North-South:			462
		East-West:		364	East-West:		364	East-West:			392	East-West:			392	East-West:			392
		SUM:		721	SUM:		721	SUM:			854	SUM:			854	SUM:			854
VOLUME/CAPACITY (V/C) RATIO:				0.524			0.524				0.621				0.621				0.621
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.424			0.424				0.521				0.521				0.521
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	70	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Jefferson	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	1	44	0	44	44	9	54	1	54	0	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	212	2	81	8	220	84	316	531	2	213	8	539	2	216	0	539	2	216
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	77	108	0	108	0	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	436	2	218	0	436	218	154	595	2	298	0	595	2	298	0	595	2	298
	Through-Right		0							0				0				0	
	Right	335	1	335	0	335	335	51	390	1	390	0	390	1	390	0	390	1	390
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	96	1	96	0	96	96	0	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	637	2	319	0	637	319	151	796	2	398	0	796	2	398	0	796	2	398
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		81	North-South:		84	North-South:			213	North-South:			216	North-South:			216
		East-West:		431	East-West:		431	East-West:			487	East-West:			487	East-West:			487
		SUM:		512	SUM:		515	SUM:			700	SUM:			703	SUM:			703
VOLUME/CAPACITY (V/C) RATIO:				0.359			0.361				0.509				0.511				0.511
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.259			0.261				0.409				0.411				0.411
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.002 | Δv/c after mitigation: 0.002

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	71	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/28/2011
		East-West Street:	Exposition	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	164	1	164	0	164	164	0	166	1	166	0	166	1	166	0	166	1	166
	Left-Through		0							0				0				0	
	Through	1227	3	316	31	1258	324	452	1694	3	435	31	1725	3	443	0	1725	3	443
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	9	47	0	47	0	47	0	47	0	47	0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	250	1	250	0	250	250	115	368	1	368	0	368	1	368	0	368	1	368
	Left-Through		0							0				0				0	
	Through	641	2	321	6	647	324	119	768	1	384	6	774	1	387	0	774	1	387
	Through-Right		0							1				1				1	
	Right	73	1	0	0	73	0	0	74	0	0	0	74	1	0	0	74	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	135	2	74	0	135	74	0	137	2	75	0	137	2	75	0	137	2	75
	Left-Through		0							0				0				0	
	Through	350	3	117	0	350	117	22	376	3	125	0	376	3	125	0	376	3	125
	Through-Right		0							0				0				0	
	Right	134	1	0	0	134	0	0	136	1	0	0	136	1	0	0	136	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	66	1	66	0	66	66	11	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	405	2	203	0	405	203	26	436	2	218	0	436	2	218	0	436	2	218
	Through-Right		0							0				0				0	
	Right	333	1	208	8	341	216	48	385	1	201	8	393	1	209	0	393	1	209
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		566	North-South:		574	North-South:			803	North-South:			811	North-South:			811
		East-West:		282	East-West:		290	East-West:			293	East-West:			293	East-West:			293
		SUM:		848	SUM:		864	SUM:			1096	SUM:			1104	SUM:			1104
VOLUME/CAPACITY (V/C) RATIO:				0.617			0.628				0.797				0.803				0.803
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.517			0.528				0.697				0.703				0.703
LEVEL OF SERVICE (LOS):				A			A				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.006 | Δv/c after mitigation: 0.006

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	72	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/28/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	100	2	55	0	100	55	0	101	2	56	0	101	2	56	0	101	2	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	518	2	285	0	518	285	51	575	2	316	0	575	2	316	0	575	2	316
	Left-Through		0							0				0				0	
	Through	149	2	75	8	157	79	301	452	2	226	8	460	2	230	0	460	2	230
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	627	4	136	0	627	136	145	780	4	167	0	780	4	167	0	780	4	167
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		340	North-South:		340	North-South:			372	North-South:			372	North-South:			372
		East-West:		136	East-West:		136	East-West:			167	East-West:			167	East-West:			167
		SUM:		476	SUM:		476	SUM:			539	SUM:			539	SUM:			539
VOLUME/CAPACITY (V/C) RATIO:				0.334			0.334				0.378				0.378				0.378
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.234			0.234				0.278				0.278				0.278
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	73	North-South Street:	I-110 NB Off- Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	
	EB-- 0 WB--			0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	492	2	200	8	500	219	61	559	2	222	8	567	2	242	0	567	2	242
	Through-Right		1							1				1				1	
	Right	107	0	107	50	157	157	0	108	0	108	50	158	0	158	0	158	0	158
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	362	2	199	0	362	199	73	439	2	241	0	439	2	241	0	439	2	241
	Left-Through		0							0				0				0	
	Through	125	2	63	0	125	63	2	129	2	65	0	129	2	65	0	129	2	65
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	109	1	109	0	109	109	2	112	1	112	0	112	1	112	0	112	1	112
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		200	North-South:		219	North-South:			222	North-South:			242	North-South:			242
		East-West:		308	East-West:		308	East-West:			353	East-West:			353	East-West:			353
		SUM:		508	SUM:		527	SUM:			575	SUM:			595	SUM:			595
VOLUME/CAPACITY (V/C) RATIO:				0.356			0.370				0.404				0.418				0.418
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.256			0.270				0.304				0.318				0.318
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.014 Δv/c after mitigation: 0.014

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	74	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	
	EB-- 0 WB--			0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	18	1	18	0	18	18	0	18	1	18	0	18	1	18	0	18	1	18
	Left-Through		0							0				0				0	
	Through	271	1	139	213	484	245	152	426	1	216	213	639	1	323	0	639	1	323
	Through-Right		1							1				1				1	
	Right	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	164	1	91	0	164	91	87	253	1	136	0	253	1	136	0	253	1	136
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	42	0	42	49	91	91	0	43	0	43	49	92	0	92	0	92	0	92
	Left-Through		1							1				1				1	
	Through	68	0	110	0	68	159	2	71	0	114	0	71	0	163	0	71	0	163
	Through-Right		0							0				0				0	
	Right	25	1	16	0	25	16	0	25	1	16	0	25	1	16	0	25	1	16
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	16	0	25	0	16	25	2	18	0	27	0	18	0	27	0	18	0	27
	Through-Right		0							0				0				0	
	Right	9	0	0	0	9	0	0	9	0	0	0	9	0	0	0	9	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		142	North-South:		248	North-South:			219	North-South:			326	North-South:			326
		East-West:		110	East-West:		159	East-West:			114	East-West:			163	East-West:			163
		SUM:		252	SUM:		407	SUM:			333	SUM:			489	SUM:			489
VOLUME/CAPACITY (V/C) RATIO:				0.168			0.271				0.222				0.326				0.326
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.084			0.171				0.122				0.226				0.226
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.104 Δv/c after mitigation: 0.104

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	75	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	37th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	
	EB-- 0 WB--			0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	7	1	7	0	7	7	2	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	494	1	249	-1	493	248	123	623	1	313	-1	622	1	313	0	622	1	313
	Through-Right		1							1				1				1	
	Right	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	8	1	8	0	8	8	0	8	1	8	0	8	1	8	0	8	1	8
	Left-Through		0							0				0				0	
	Through	407	1	205	-1	406	204	107	519	1	261	-1	518	1	260	0	518	1	260
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	Left-Through		0							0				0				0	
	Through	14	0	51	0	14	51	0	14	0	53	0	14	0	53	0	14	0	53
	Through-Right		0							0				0				0	
	Right	11	0	0	0	11	0	2	13	0	0	0	13	0	0	0	13	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
WESTBOUND	Left	5	0	5	0	5	5	0	5	0	5	0	5	0	5	0	5	0	5
	Left-Through		0							0				0				0	
	Through	4	0	13	0	4	13	0	4	0	13	0	4	0	13	0	4	0	13
	Through-Right		0							0				0				0	
	Right	4	0	0	0	4	0	0	4	0	0	0	4	0	0	0	4	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		257	North-South:		256	North-South:			321	North-South:			321	North-South:			321
		East-West:		56	East-West:		56	East-West:			58	East-West:			58	East-West:			58
		SUM:		313	SUM:		312	SUM:			379	SUM:			379	SUM:			379
VOLUME/CAPACITY (V/C) RATIO:				0.209			0.208				0.253				0.253				0.253
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.109			0.108				0.153				0.153				0.153
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	76	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	
	EB-- 0 WB--			0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	46	2	25	0	46	25	0	47	2	26	0	47	2	26	0	47	2	26
	Left-Through		0							0				0				0	
	Through	558	2	204	8	566	207	433	998	2	351	8	1006	2	354	0	1006	2	354
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	56	2	31	0	56	31	25	82	2	45	0	82	2	45	0	82	2	45
	Left-Through		0							0				0				0	
	Through	514	2	175	6	520	177	103	623	2	211	6	629	2	213	0	629	2	213
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	1	19	0	34	19	0	34	1	19	0	34	1	19	0	34	1	19
	Left-Through		1							1				1				1	
	Through	10	0	18	0	10	18	0	10	0	18	0	10	0	18	0	10	0	18
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	117	1	64	0	117	64	0	118	1	65	0	118	1	65	0	118	1	65
	Left-Through		1							1				1				1	
	Through	33	0	189	0	33	211	0	33	0	215	0	33	0	237	0	33	0	237
	Through-Right		1							1				1				1	
	Right	156	0	156	22	178	178	24	182	0	182	22	204	0	204	0	204	0	204
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		235	North-South:		238	North-South:			396	North-South:			399	North-South:			399
		East-West:		208	East-West:		230	East-West:			234	East-West:			256	East-West:			256
		SUM:		443	SUM:		468	SUM:			630	SUM:			655	SUM:			655
VOLUME/CAPACITY (V/C) RATIO:				0.322			0.340				0.458				0.476				0.476
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.222			0.240				0.358				0.376				0.376
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.018 Δv/c after mitigation: 0.018

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	77	North-South Street:	I-110 SB HOV Off Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--		0	NB-- 0	SB--		0	NB--	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB--	SB--	
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB--	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB--	WB--	
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	156	0	156	22	178	178	24	182	0	182	22	204	0	204	0	204	0	204
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	65	0	221	121	186	364	0	66	0	248	121	187	0	391	0	187	0	391
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	68	2	34	0	68	34	0	69	2	35	0	69	2	35	0	69	2	35
	Through-Right		0							0				0				0	
	Right	72	1	72	8	80	80	25	98	1	98	8	106	1	106	0	106	1	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	94	2	47	0	94	47	0	95	2	48	0	95	2	48	0	95	2	48
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		221	North-South:		364	North-South:			248	North-South:			391	North-South:			391
		East-West:		127	East-West:		135	East-West:			154	East-West:			162	East-West:			162
		SUM:		348	SUM:		499	SUM:			402	SUM:			553	SUM:			553
VOLUME/CAPACITY (V/C) RATIO:				0.232			0.333				0.268				0.369				0.369
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.132			0.233				0.168				0.269				0.269
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.101 | Δv/c after mitigation: 0.101
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	78	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4				4				4				4				4			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				1				0				0				1			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--		0	NB-- 3	SB--		0	NB--	SB--		0	NB-- 3	SB--		0	NB-- 3	SB--		0	NB--	SB--	
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB--	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB--	WB--	
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	102	1	102	0	102	102	2	105	1	105	0	105	1	105	0	105	1	105
	Left-Through		0							0				0				0	
	Through	359	3	120	-1	358	119	397	760	3	253	-1	759	3	253	0	759	3	253
	Through-Right		0							0				0				0	
	Right	112	1	0	0	112	0	2	115	1	0	0	115	1	0	0	115	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	141	1	141	7	148	148	35	178	1	178	7	185	1	185	0	185	1	185
	Left-Through		0							0				0				0	
	Through	343	2	156	-1	342	155	66	413	2	138	-1	412	2	137	0	412	2	137
	Through-Right		1							1				1				1	
	Right	124	0	124	0	124	124	2	127	1	43	0	127	1	43	0	127	1	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	164	1	164	0	164	164	2	168	1	168	0	168	1	168	0	168	1	168
	Left-Through		0							0				0				0	
	Through	1288	2	459	0	1288	459	2	1306	2	467	0	1306	2	467	0	1306	2	467
	Through-Right		1							1				1				1	
	Right	90	0	90	0	90	90	3	94	0	94	0	94	0	94	0	94	0	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	189	1	189	0	189	189	15	206	1	206	0	206	1	206	0	206	1	206
	Left-Through		0							0				0				0	
	Through	1213	2	475	0	1213	478	1	1229	2	492	0	1229	2	495	0	1229	2	495
	Through-Right		1							1				1				1	
	Right	211	0	211	9	220	220	34	248	0	248	9	257	0	257	0	257	0	257
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		261	North-South:		267	North-South:			431	North-South:			438	North-South:			438
		East-West:		648	East-West:		648	East-West:			673	East-West:			673	East-West:			673
		SUM:		909	SUM:		915	SUM:			1104	SUM:			1111	SUM:			1111
VOLUME/CAPACITY (V/C) RATIO:				0.661			0.665				0.803				0.808				0.808
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.561			0.565				0.703				0.708				0.708
LEVEL OF SERVICE (LOS):				A			A				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.005 | Δv/c after mitigation: 0.005
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	79	North-South Street:	I-110 SB Ramps	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--		0	NB-- 0	SB--		0	NB--	SB--		0	NB--	SB--		0	NB-- 0	SB--		0	NB--	SB--	
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB--	WB--		0	EB--	WB--		0	EB-- 0	WB--		0	EB--	WB--	
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	267	1	267	0	267	267	0	270	1	270	0	270	1	270	0	270	1	270
	Left-Through		0							0				0				0	
	Through	6	0	0	0	6	0	0	6	0	0	0	6	0	0	0	6	0	0
	Through-Right		0							0				0				0	
	Right	608	1	334	0	608	334	12	627	1	345	0	627	1	345	0	627	1	345
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1002	2	501	0	1002	501	39	1053	2	527	0	1053	2	527	0	1053	2	527
	Through-Right		1							1				1				1	
	Right	592	0	592	7	599	599	0	599	0	599	7	606	0	606	0	606	0	606
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	224	1	224	0	224	224	0	227	1	227	0	227	1	227	0	227	1	227
	Left-Through		0							0				0				0	
	Through	1112	3	371	9	1121	374	38	1163	3	388	9	1172	3	391	0	1172	3	391
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		334	North-South:		334	North-South:			345	North-South:			345	North-South:			345
		East-West:		816	East-West:		823	East-West:			826	East-West:			833	East-West:			833
		SUM:		1150	SUM:		1157	SUM:			1171	SUM:			1178	SUM:			1178
VOLUME/CAPACITY (V/C) RATIO:				0.767			0.771				0.781				0.785				0.785
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.667			0.671				0.681				0.685				0.685
LEVEL OF SERVICE (LOS):				B			B				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.004 | Δv/c after mitigation: 0.004
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	80	North-South Street:	I-110 NB Ramps/Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/19/2012
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4				4				4				4				4			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				1				1				1				1				1			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--		0	NB-- 0	SB--		0	NB--	SB--		0	NB--	SB--		0	NB--	SB--		0	NB--	SB--	
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB--	WB--		0	EB--	WB--		0	EB--	WB--		0	EB--	WB--	
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	375	1	314	9	384	366	0	380	1	380	9	389	1	389	0	389	1	389
	Left-Through		0							0				0				0	
	Through	88	0	314	95	183	366	152	241	0	407	95	336	0	502	0	336	0	502
	Through-Right		0							0				0				0	
	Right	164	0	0	0	164	0	0	166	0	0	0	166	0	0	0	166	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	40	1	40	0	40	40	0	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	1	1	1	0	1	1	87	88	1	88	0	88	1	88	0	88	1	88
	Through-Right		0							0				0				0	
	Right	106	1	92	0	106	92	0	107	1	93	0	107	1	93	0	107	1	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	29	1	29	0	29	29	0	29	1	29	0	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	748	2	355	0	748	355	39	796	2	372	0	796	2	372	0	796	2	372
	Through-Right		1							1				1				1	
	Right	317	0	317	0	317	317	0	321	0	321	0	321	0	321	0	321	0	321
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	126	1	126	0	126	126	0	128	1	128	0	128	1	128	0	128	1	128
	Left-Through		0							0				0				0	
	Through	830	2	286	0	830	286	38	878	2	302	0	878	2	302	0	878	2	302
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		406	North-South:		458	North-South:			500	North-South:			595	North-South:			595
		East-West:		481	East-West:		481	East-West:			500	East-West:			500	East-West:			500
		SUM:		887	SUM:		939	SUM:			1000	SUM:			1095	SUM:			1095
VOLUME/CAPACITY (V/C) RATIO:				0.645			0.683				0.727				0.796				0.796
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.545			0.583				0.627				0.696				0.696
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.069 | Δv/c after mitigation: 0.069
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	81	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	James Wood	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	278	1	278	62	340	340	135	416	1	416	59	475	1	475	0	475	1	475
	Through-Right		0							0				0				0	
	Right	28	1	28	0	28	28	7	35	1	35	0	35	1	35	0	35	1	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	3	0	3	0	3	3	27	30	0	30	0	30	0	30	0	30	0	30
	Left-Through		1							1				1				1	
	Through	592	1	212	346	938	327	500	1099	1	390	346	1445	1	505	0	1445	1	505
	Through-Right		1							1				1				1	
	Right	41	0	212	0	41	327	0	41	0	390	0	41	0	505	0	41	0	505
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		278		North-South:	340		North-South:		416		North-South:		475		North-South:		475
		East-West:		212		East-West:	327		East-West:		390		East-West:		505		East-West:		505
		SUM:		490		SUM:	667		SUM:		806		SUM:		980		SUM:		980
VOLUME/CAPACITY (V/C) RATIO:				0.327			0.445				0.537				0.653				0.653
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.227			0.345				0.437				0.553				0.553
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.116 | Δv/c after mitigation: 0.116
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	82	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	71	1	71	0	71	71	79	151	1	151	0	151	1	151	0	151	1	151
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	151	0	151	313	464	464	87	240	1	240	315	555	1	535	0	555	1	535
	Left-Through		1							1				1				1	
	Through	1116	3	317	762	1878	586	761	1890	4	378	762	2652	4	535	0	2652	4	535
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		71		North-South:	71		North-South:		151		North-South:		151		North-South:		151
		East-West:		317		East-West:	586		East-West:		378		East-West:		535		East-West:		535
		SUM:		388		SUM:	657		SUM:		529		SUM:		686		SUM:		686
VOLUME/CAPACITY (V/C) RATIO:				0.259			0.438				0.353				0.457				0.457
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.159			0.338				0.253				0.357				0.357
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.104 | Δv/c after mitigation: 0.104
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	83	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1054	3	295	255	1309	359	631	1698	3	473	314	2012	3	552	0	2012	3	552
	Through-Right		1							1				1				1	
	Right	125	0	125	2	127	127	67	194	0	194	2	196	0	196	0	196	0	196
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	43	1	43	579	622	398	94	138	1	138	579	717	1	569	0	717	1	569
	Left-Through		1							1				1				1	
	Through	1189	3	297	178	1367	398	745	1948	3	487	178	2126	3	569	0	2126	3	569
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		295		North-South:	359		North-South:		473		North-South:		552		North-South:		552
		East-West:		297		East-West:	398		East-West:		487		East-West:		569		East-West:		569
		SUM:		592		SUM:	757		SUM:		960		SUM:		1121		SUM:		1121
VOLUME/CAPACITY (V/C) RATIO:				0.395			0.505				0.640				0.747				0.747
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.295			0.405				0.540				0.647				0.647
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.107 | Δv/c after mitigation: 0.107
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	84	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	222	1	222	0	222	222	12	237	1	237	0	237	1	237	0	237	1	237
	Left-Through		0							0				0				0	
	Through	517	4	129	159	676	169	521	1044	4	261	159	1203	4	301	0	1203	4	301
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	856	3	285	117	973	324	599	1465	3	488	117	1582	3	527	0	1582	3	527
	Through-Right		1							1				1				1	
	Right	479	0	479	63	542	542	213	698	0	698	63	761	0	761	0	761	0	761
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		222		North-South:	222		North-South:		261		North-South:		301		North-South:		301
		East-West:		479		East-West:	542		East-West:		698		East-West:		761		East-West:		761
		SUM:		701		SUM:	764		SUM:		959		SUM:		1062		SUM:		1062
VOLUME/CAPACITY (V/C) RATIO:				0.467			0.509				0.639				0.708				0.708
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.367			0.409				0.539				0.608				0.608
LEVEL OF SERVICE (LOS):				A			A				A				B				B

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Change in v/c due to project: 0.069 | Δv/c after mitigation: 0.069
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	85	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	471	1	267	1	472	268	129	606	1	335	1	607	1	336	0	607	1	336
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	0	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	97	1	97	0	97	97	3	101	1	101	0	101	1	101	0	101	1	101
	Left-Through		0							0				0				0	
	Through	374	2	187	0	374	187	94	473	1	473	0	473	1	473	0	473	1	473
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	116	1	116	0	116	116	79	196	1	196	0	196	1	196	0	196	1	196
	Left-Through		0							0				0				0	
	Through	820	3	273	2	822	274	233	1063	3	354	2	1065	3	355	0	1065	3	355
	Through-Right		0							0				0				0	
	Right	64	1	64	0	64	64	83	148	1	148	0	148	1	148	0	148	1	148
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		364	North-South:		365	North-South:			473	North-South:			473	North-South:			473
		East-West:		273	East-West:		274	East-West:			354	East-West:			355	East-West:			355
		SUM:		637	SUM:		639	SUM:			827	SUM:			828	SUM:			828
VOLUME/CAPACITY (V/C) RATIO:				0.425			0.426				0.551				0.552				0.552
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.325			0.326				0.451				0.452				0.452
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 — Δv/c after mitigation: 0.001

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	86	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	621	2	311	0	621	311	273	901	2	451	0	901	2	451	0	901	2	451
	Through-Right		0							0				0				0	
	Right	73	1	73	0	73	73	0	74	1	74	0	74	1	74	0	74	1	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	394	2	217	0	394	217	90	489	2	269	75	564	2	310	0	564	2	310
	Left-Through		0							0				0				0	
	Through	664	1	404	0	664	404	159	831	1	489	0	831	1	489	0	831	1	489
	Through-Right		1							1				1				1	
	Right	144	0	144	0	144	144	1	147	0	147	0	147	0	147	0	147	0	147
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		311	North-South:		311	North-South:			451	North-South:			451	North-South:			451
		East-West:		404	East-West:		404	East-West:			489	East-West:			489	East-West:			489
		SUM:		715	SUM:		715	SUM:			940	SUM:			940	SUM:			940
VOLUME/CAPACITY (V/C) RATIO:				0.477			0.477				0.627				0.627				0.627
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.377			0.377				0.527				0.527				0.527
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	87	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	214	2	118	24	238	131	46	263	2	145	24	287	2	158	0	287	2	158
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	15	15	0	0	0	15	0	0	0	15	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	30	30	0	0	0	30	0	0	0	30	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	68	0	68	535	603	603	144	213	0	213	594	807	0	807	0	807	0	807
	Left-Through		1							1				1				1	
	Through	1323	4	278	542	1865	466	425	1764	4	395	617	2381	4	595	0	2381	4	595
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	48	48	0	48	0	48	0	0	0	48	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		118	North-South:		131	North-South:			145	North-South:			158	North-South:			158
		East-West:		278	East-West:		603	East-West:			395	East-West:			807	East-West:			807
		SUM:		396	SUM:		734	SUM:			540	SUM:			965	SUM:			965
VOLUME/CAPACITY (V/C) RATIO:				0.264			0.489				0.360				0.643				0.643
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.164			0.389				0.260				0.543				0.543
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.283 — Δv/c after mitigation: 0.283

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	88	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	122	1	122	489	611	611	255	378	1	378	548	926	1	926	0	926	1	926
	Left-Through		0							0				0				0	
	Through	898	6	150	100	998	166	470	1379	6	230	100	1479	6	247	0	1479	6	247
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1218	4	305	587	1805	451	362	1595	4	399	662	2257	4	564	0	2257	4	564
	Through-Right		0							0				0				0	
	Right	225	1	225	433	658	658	21	249	1	249	454	703	1	703	0	703	1	703
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		150	North-South:		611	North-South:			378	North-South:			926	North-South:			926
		East-West:		305	East-West:		658	East-West:			399	East-West:			703	East-West:			703
		SUM:		455	SUM:		1269	SUM:			777	SUM:			1629	SUM:			1629
VOLUME/CAPACITY (V/C) RATIO:				0.303			0.846				0.518				1.086				1.086
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.203			0.746				0.418				0.986				0.986
LEVEL OF SERVICE (LOS):				A			C				A				E				E

PROJECT IMPACT

Change in v/c due to project: 0.568 — Δv/c after mitigation: 0.568

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	89	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	641	4	160	305	946	237	475	1124	4	281	305	1429	4	357	0	1429	4	357
	Through-Right		0							0				0				0	
	Right	162	1	162	481	643	643	10	174	1	174	481	655	1	655	0	655	1	655
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	104	0	104	41	145	145	58	163	0	163	41	204	0	204	0	204	0	204
	Left-Through		1							1				1				1	
	Through	1280	3	346	539	1819	491	373	1668	3	458	635	2303	3	627	0	2303	3	627
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		162	North-South:		643	North-South:			281	North-South:			655	North-South:			655
		East-West:		346	East-West:		491	East-West:			458	East-West:			627	East-West:			627
		SUM:		508	SUM:		1134	SUM:			739	SUM:			1282	SUM:			1282
VOLUME/CAPACITY (V/C) RATIO:				0.339			0.756				0.493				0.855				0.855
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.239			0.656				0.393				0.755				0.755
LEVEL OF SERVICE (LOS):				A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.362 | Δv/c after mitigation: 0.362 | Significant impacted?: YES | Fully mitigated?: NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	90	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	76	1	76	0	76	76	5	82	1	82	0	82	1	82	0	82	1	82
	Left-Through		0							0				0				0	
	Through	278	2	139	-1	277	139	106	387	2	194	-1	386	2	193	0	386	2	193
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	508	2	254	108	616	308	196	710	2	355	108	818	2	409	0	818	2	409
	Through-Right		0							0				0				0	
	Right	137	1	137	113	250	250	76	215	1	215	113	328	1	328	0	328	1	328
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	66	1	66	28	94	94	51	118	1	118	28	146	1	146	0	146	1	146
	Left-Through		0							0				0				0	
	Through	805	2	300	139	944	346	351	1166	2	425	139	1305	2	471	0	1305	2	471
	Through-Right		1							1				1				1	
	Right	94	0	94	0	94	94	14	109	0	109	0	109	0	109	0	109	0	109
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		330	North-South:		384	North-South:			437	North-South:			491	North-South:			491
		East-West:		300	East-West:		346	East-West:			425	East-West:			471	East-West:			471
		SUM:		630	SUM:		730	SUM:			862	SUM:			962	SUM:			962
VOLUME/CAPACITY (V/C) RATIO:				0.420			0.487				0.575				0.641				0.641
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.320			0.387				0.475				0.541				0.541
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.066 | Δv/c after mitigation: 0.066 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	91	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	77	1	77	1	78	78	59	137	1	137	1	138	1	138	0	138	1	138
	Left-Through		0							0				0				0	
	Through	516	2	258	0	516	258	150	672	2	336	0	672	2	336	0	672	2	336
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	431	1	281	0	431	281	97	533	0	712	0	533	0	712	0	533	0	712
	Through-Right		1							1				1				1	
	Right	131	0	131	0	131	131	46	179	0	0	0	179	0	0	0	179	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	48	0	48	0	48	48	0	49	0	49	0	49	0	49	0	49	0	49
	Left-Through		1							1				1				1	
	Through	753	2	226	166	919	268	312	1074	2	309	166	1240	2	351	0	1240	2	351
	Through-Right		1							1				1				1	
	Right	104	0	226	0	104	268	8	113	0	309	0	113	0	351	0	113	0	351
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		358	North-South:		359	North-South:			849	North-South:			850	North-South:			850
		East-West:		226	East-West:		268	East-West:			309	East-West:			351	East-West:			351
		SUM:		584	SUM:		627	SUM:			1158	SUM:			1201	SUM:			1201
VOLUME/CAPACITY (V/C) RATIO:				0.410			0.440				0.813				0.843				0.843
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.310			0.340				0.713				0.743				0.743
LEVEL OF SERVICE (LOS):				A			A				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.030 | Δv/c after mitigation: 0.030 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	92	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	35	1	35	0	35	35	0	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	64	1	64	0	64	64	10	75	1	75	0	75	1	75	0	75	1	75
	Through-Right		0							0				0				0	
	Right	48	1	14	0	48	14	0	49	1	11	0	49	1	11	0	49	1	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	222	1	222	0	222	222	61	286	1	286	0	286	1	286	0	286	1	286
	Through-Right		0							0				0				0	
	Right	44	1	34	0	44	34	18	63	1	34	0	63	1	34	0	63	1	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	20	1	20	0	20	20	38	58	1	58	0	58	1	58	0	58	1	58
	Left-Through		0							0				0				0	
	Through	426	2	213	167	593	297	118	549	2	275	167	716	2	358	0	716	2	358
	Through-Right		0							0				0				0	
	Right	113	1	96	0	113	96	33	147	1	130	0	147	1	130	0	147	1	130
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	68	1	68	0	68	68	7	76	1	76	0	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	454	2	227	-1	453	227	245	704	2	352	-1	703	2	352	0	703	2	352
	Through-Right		0							0				0				0	
	Right	19	1	7	0	19	7	19	38	1	26	0	38	1	26	0	38	1	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		257	North-South:		257	North-South:			321	North-South:			321	North-South:			321
		East-West:		281	East-West:		365	East-West:			410	East-West:			434	East-West:			434
		SUM:		538	SUM:		622	SUM:			731	SUM:			755	SUM:			755
VOLUME/CAPACITY (V/C) RATIO:				0.415			0.487				0.503				0.503				0.503
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.289			0.345				0.387				0.403				0.403
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.016 | Δv/c after mitigation: 0.016 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
93	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	96	0 1	96	-1	95	95	81	178	0 1	178	-1	177	0 1	177	0	177	0 1	177
	Left-Through																		
	Through	947	3	216	5	952	239	407	1365	3	316	5	1370	3	339	0	1370	3	339
	Through-Right		1							1				1				1	
	Right	37	0	216	110	147	239	0	37	0	316	110	147	0	339	0	147	0	339
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	243	2 0	134	0	243	134	137	383	2 0	211	0	383	2 0	211	0	383	2 0	211
	Left-Through		0							0				0				0	
	Through	380	2	190	167	547	274	92	477	2	239	167	644	2	322	0	644	2	322
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	185	2	93	0	185	93	116	303	2	152	0	303	2	152	0	303	2	152
	Through-Right		0							0				0				0	
	Right	120	1	120	0	120	120	0	121	1	121	0	121	1	121	0	121	1	121
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		216	North-South:		239	North-South:			316	North-South:			339	North-South:			339
		East-West:		254	East-West:		274	East-West:			363	East-West:			363	East-West:			363
		SUM:		470	SUM:		513	SUM:			679	SUM:			702	SUM:			702
VOLUME/CAPACITY (V/C) RATIO:				0.330			0.360				0.476				0.493				0.493
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.260			0.290				0.376				0.393				0.393
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.017 Δv/c after mitigation: 0.017

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Lucas	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
94	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	0	17	0	17	17	8	25	0	25	0	25	0	25	0	25	0	25
	Left-Through		0							0				0				0	
	Through	95	0	132	0	95	132	99	195	0	278	0	195	0	278	0	195	0	278
	Through-Right		0							0				0				0	
	Right	20	0	0	0	20	0	38	58	0	0	0	58	0	0	0	58	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	0	29	211	240	240	39	68	0	68	211	279	0	279	0	279	0	279
	Left-Through		0							0				0				0	
	Through	76	0	168	131	207	510	135	212	0	351	131	343	0	693	0	343	0	693
	Through-Right		0							0				0				0	
	Right	63	0	0	0	63	0	7	71	0	0	0	71	0	0	0	71	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	73	1	73	0	73	73	3	77	1	77	0	77	1	77	0	77	1	77
	Left-Through		0							0				0				0	
	Through	487	1	254	22	509	265	276	769	1	399	22	791	1	410	0	791	1	410
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	9	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	11	1	11	0	11	11	5	16	1	16	0	16	1	16	0	16	1	16
	Left-Through		0							0				0				0	
	Through	479	1	246	0	479	246	258	743	1	414	0	743	1	414	0	743	1	414
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	71	84	0	84	0	84	0	84	0	84	0	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		185	North-South:		527	North-South:			376	North-South:			718	North-South:			718
		East-West:		319	East-West:		319	East-West:			491	East-West:			491	East-West:			491
		SUM:		504	SUM:		846	SUM:			867	SUM:			1209	SUM:			1209
VOLUME/CAPACITY (V/C) RATIO:				0.336			0.564				0.578				0.806				0.806
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.266			0.494				0.478				0.706				0.706
LEVEL OF SERVICE (LOS):				A			A				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.228 Δv/c after mitigation: 0.228

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
95	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	25	1	25	0	25	25	3	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	49	0	70	0	49	70	18	68	0	111	0	68	0	111	0	68	0	111
	Through-Right		1							1				1				1	
	Right	21	0	0	0	21	0	22	43	0	0	0	43	0	0	0	43	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	1	44	0	44	44	7	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	120	0	159	0	120	159	12	133	0	186	0	133	0	186	0	133	0	186
	Through-Right		1							1				1				1	
	Right	39	0	0	0	39	0	14	53	0	0	0	53	0	0	0	53	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	22	1	22	0	22	22	18	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	443	1	259	233	676	376	387	835	1	459	233	1068	1	576	0	1068	1	576
	Through-Right		1							1				1				1	
	Right	75	0	75	0	75	75	7	83	0	83	0	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	72	1	72	0	72	72	15	88	1	88	0	88	1	88	0	88	1	88
	Left-Through		0							0				0				0	
	Through	438	1	243	0	438	243	347	790	1	422	0	790	1	422	0	790	1	422
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	5	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		184	North-South:		184	North-South:			214	North-South:			214	North-South:			214
		East-West:		331	East-West:		448	East-West:			547	East-West:			664	East-West:			664
		SUM:		515	SUM:		632	SUM:			761	SUM:			878	SUM:			878
VOLUME/CAPACITY (V/C) RATIO:				0.343			0.421				0.507				0.585				0.585
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.273			0.351				0.407				0.485				0.485
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.078 Δv/c after mitigation: 0.078

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
96	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1194	5	199	4	1198	200	494	1702	5	284	4	1706	5	284	0	1706	5	284
	Through-Right		1							1				1				1	
	Right	116	1	116	1	117	117	50	167	1	167	1	168	1	168	0	168	1	168
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	130	1	130	95	225	225	161	293	1	293	95	388	1	388	0	388	1	388
	Left-Through		1							1				1				1	
	Through	1011	4	202	1010	2021	404	683	1706	4	341	1010	2716	4	543	0	2716	4	543
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		199	North-South:		200	North-South:			284	North-South:			284	North-South:			284
		East-West:		202	East-West:		404	East-West:			341	East-West:			543	East-West:			543
		SUM:		401	SUM:		604	SUM:			625	SUM:			827	SUM:			827
VOLUME/CAPACITY (V/C) RATIO:				0.267			0.403				0.417				0.551				0.551
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.197			0.333				0.317				0.451				0.451
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.134 Δv/c after mitigation: 0.134

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	97	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	162	2	**89**	24	186	102	2	166	2	91	24	190	2	105	0	190	2	105
	Left-Through		0							0				0				0	
	Through	304	4	76	447	751	**188**	334	642	4	**161**	447	1089	4	**272**	0	1089	4	**272**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	959	3	**240**	480	1439	**430**	411	1382	3	**377**	480	1862	3	**579**	0	1862	3	**579**
	Through-Right		1							1				1				1	
	Right	181	1	181	531	712	0	321	504	1	0	531	1035	1	0	0	1035	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		89	*North-South:*		188	*North-South:*			161	*North-South:*			272	*North-South:*			272
		East-West:		240	*East-West:*		430	*East-West:*			377	*East-West:*			579	*East-West:*			579
		SUM:		329	*SUM:*		618	*SUM:*			538	*SUM:*			851	*SUM:*			851
VOLUME/CAPACITY (*V/C*) RATIO:				0.219			0.412				0.359				0.567				0.567
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.149			0.342				0.259				0.467				0.467
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.208 — *Δv/c* after mitigation: 0.208

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	98	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	97	0	97	0	97	97	10	108	0	108	0	108	0	108	0	108	0	108
	Left-Through		1							1				1				1	
	Through	436	3	**133**	346	782	**220**	242	683	3	**198**	346	1029	3	**284**	0	1029	3	**284**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	1002	4	**231**	150	1152	**285**	368	1382	4	**319**	150	1532	4	**373**	0	1532	4	**373**
	Through-Right		1							1				1				1	
	Right	153	0	153	121	274	274	57	212	0	212	121	333	0	333	0	333	0	333
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		133	*North-South:*		220	*North-South:*			198	*North-South:*			284	*North-South:*			284
		East-West:		231	*East-West:*		285	*East-West:*			319	*East-West:*			373	*East-West:*			373
		SUM:		364	*SUM:*		505	*SUM:*			517	*SUM:*			657	*SUM:*			657
VOLUME/CAPACITY (*V/C*) RATIO:				0.243			0.337				0.345				0.438				0.438
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.173			0.267				0.245				0.338				0.338
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.093 — *Δv/c* after mitigation: 0.093

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	99	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	339	1	**217**	0	339	**217**	135	478	1	**287**	0	478	1	**287**	0	478	1	**287**
	Through-Right		1							1				1				1	
	Right	95	0	95	0	95	95	0	96	0	96	0	96	0	96	0	96	0	96
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	85	1	**85**	0	85	**85**	24	110	1	**110**	0	110	1	**110**	0	110	1	**110**
	Left-Through		0							0				0				0	
	Through	557	3	186	182	739	246	257	821	3	274	182	1003	3	334	0	1003	3	334
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through		1							1				1				1	
	Through	751	2	**242**	0	751	**258**	305	1065	2	**332**	0	1065	2	**348**	0	1065	2	**348**
	Through-Right		1							1				1				1	
	Right	164	0	242	65	229	258	43	209	0	332	65	274	0	348	0	274	0	348
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		302	*North-South:*		302	*North-South:*			397	*North-South:*			397	*North-South:*			397
		East-West:		242	*East-West:*		258	*East-West:*			332	*East-West:*			348	*East-West:*			348
		SUM:		544	*SUM:*		560	*SUM:*			729	*SUM:*			745	*SUM:*			745
VOLUME/CAPACITY (*V/C*) RATIO:				0.363			0.373				0.486				0.497				0.497
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.293			0.303				0.386				0.397				0.397
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.011 — *Δv/c* after mitigation: 0.011

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	100	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	112	0	**112**	0	112	112	46	159	0	159	0	159	0	159	0	159	0	159
	Left-Through		1							1				1				1	
	Through	414	4	104	199	613	**145**	489	908	2	**356**	199	1107	2	**422**	0	1107	2	**422**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	664	3	**201**	0	664	**201**	291	963	3	**282**	0	963	3	**282**	0	963	3	**282**
	Through-Right		1							1				1				1	
	Right	138	0	138	0	138	138	25	165	0	165	0	165	0	165	0	165	0	165
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		112	*North-South:*		145	*North-South:*			356	*North-South:*			422	*North-South:*			422
		East-West:		201	*East-West:*		201	*East-West:*			282	*East-West:*			282	*East-West:*			282
		SUM:		313	*SUM:*		346	*SUM:*			638	*SUM:*			704	*SUM:*			704
VOLUME/CAPACITY (*V/C*) RATIO:				0.209			0.231				0.425				0.469				0.469
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.139			0.161				0.325				0.369				0.369
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.044 — *Δv/c* after mitigation: 0.044

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	101	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/28/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	617	4	154	0	617	154	380	1004	4	251	0	1004	4	251	0	1004	4	251
	Through-Right		0							0				0				0	
	Right	98	1	98	0	98	98	38	137	1	137	0	137	1	137	0	137	1	137
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	209	0	209	0	209	209	119	331	0	331	0	331	0	331	0	331	0	331
	Left-Through		1							1				1				1	
	Through	633	3	211	0	633	211	219	860	3	287	0	860	3	287	0	860	3	287
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		154	North-South:		154	North-South:			251	North-South:			251	North-South:			251
		East-West:		211	East-West:		211	East-West:			331	East-West:			331	East-West:			331
		SUM:		365	SUM:		365	SUM:			582	SUM:			582	SUM:			582
VOLUME/CAPACITY (v/c) RATIO:				0.243			0.243				0.388				0.388				0.388
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.173			0.173				0.288				0.288				0.288
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	102	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	557	3	195	0	557	195	340	904	3	316	0	904	3	316	0	904	3	316
	Left-Through		0							0				0				0	
	Through	849	4	212	201	1050	263	318	1177	4	294	201	1378	4	345	0	1378	4	345
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	804	5	137	0	804	156	369	1183	5	197	0	1183	5	214	0	1183	5	214
	Through-Right		1							1				1				1	
	Right	154	1	0	136	290	0	21	177	1	177	136	313	1	0	0	313	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		212	North-South:		263	North-South:			316	North-South:			345	North-South:			345
		East-West:		137	East-West:		156	East-West:			197	East-West:			214	East-West:			214
		SUM:		349	SUM:		419	SUM:			513	SUM:			559	SUM:			559
VOLUME/CAPACITY (v/c) RATIO:				0.233			0.279				0.342				0.373				0.373
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.163			0.209				0.242				0.273				0.273
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.031 | Δv/c after mitigation: 0.031 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	103	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	317	3	106	289	606	202	151	472	3	157	289	761	3	254	0	761	3	254
	Through-Right		0							0				0				0	
	Right	78	1	78	112	190	190	10	89	1	89	112	201	1	201	0	201	1	201
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	188	1	188	57	245	245	80	270	1	270	57	327	1	327	0	327	1	327
	Left-Through		1							1				1				1	
	Through	1084	3	228	165	1249	262	452	1549	3	321	165	1714	3	356	0	1714	3	356
	Through-Right		1							1				1				1	
	Right	54	0	54	9	63	63	3	58	0	58	9	67	0	67	0	67	0	67
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		106	North-South:		202	North-South:			157	North-South:			254	North-South:			254
		East-West:		228	East-West:		262	East-West:			321	East-West:			356	East-West:			356
		SUM:		334	SUM:		464	SUM:			478	SUM:			610	SUM:			610
VOLUME/CAPACITY (v/c) RATIO:				0.223			0.309				0.319				0.407				0.407
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.153			0.239				0.219				0.307				0.307
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.088 | Δv/c after mitigation: 0.088 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	104	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 2, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	436	2	240	0	436	240	29	470	2	259	0	470	2	259	0	470	2	259
	Left-Through		0							0				0				0	
	Through	383	3	128	12	395	132	314	702	3	234	12	714	3	238	0	714	3	238
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	117	2	64	0	117	64	61	179	2	98	0	179	2	98	0	179	2	98
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	772	3	201	232	1004	259	445	1226	3	317	232	1458	3	375	0	1458	3	375
	Through-Right		1							1				1				1	
	Right	31	0	31	1	32	32	11	42	0	42	1	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		304	North-South:		304	North-South:			357	North-South:			357	North-South:			357
		East-West:		201	East-West:		259	East-West:			317	East-West:			375	East-West:			375
		SUM:		505	SUM:		563	SUM:			674	SUM:			732	SUM:			732
VOLUME/CAPACITY (v/c) RATIO:				0.354			0.395				0.473				0.514				0.514
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.284			0.325				0.373				0.414				0.414
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.041 | Δv/c after mitigation: 0.041 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	105	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	92	1	**92**	0	92	**92**	1	94	1	**94**	0	94	1	**94**	0	94	1	**94**
	Left-Through		0							0				0				0	
	Through	345	2	173	0	345	173	134	483	2	242	0	483	2	242	0	483	2	242
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	415	2	**178**	211	626	**280**	262	682	2	**329**	211	893	2	**431**	0	893	2	**431**
	Through-Right		1							1				1				1	
	Right	118	0	118	96	214	214	186	305	0	305	96	401	0	401	0	401	0	401
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	50	1	50	7	57	57	19	70	1	70	7	77	1	77	0	77	1	77
	Left-Through		0							0				0				0	
	Through	596	3	**168**	136	732	**202**	270	873	3	**251**	136	1009	3	**285**	0	1009	3	**285**
	Through-Right		1							1				1				1	
	Right	76	0	76	0	76	76	55	132	0	132	0	132	0	132	0	132	0	132
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		270	North-South:		372	North-South:			423	North-South:			525	North-South:			525
		East-West:		168	East-West:		202	East-West:			251	East-West:			285	East-West:			285
		SUM:		438	SUM:		574	SUM:			674	SUM:			810	SUM:			810
VOLUME/CAPACITY (V/C) RATIO:				0.292			0.383				0.449				0.540				0.540
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.222			0.313				0.349				0.440				0.440
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.091 Δv/c after mitigation: 0.091

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	106	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	487	4	**118**	199	686	172	491	984	3	**328**	199	1183	3	394	0	1183	3	394
	Through-Right		1							1				1				1	
	Right	104	0	104	143	247	**247**	163	268	1	268	143	411	1	**411**	0	411	1	**411**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	127	0	127	0	127	127	44	173	0	173	0	173	0	173	0	173	0	173
	Left-Through		1							1				1				1	
	Through	550	3	**169**	0	550	**169**	202	759	3	**233**	0	759	3	**233**	0	759	3	**233**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		118	North-South:		247	North-South:			328	North-South:			411	North-South:			411
		East-West:		169	East-West:		169	East-West:			233	East-West:			233	East-West:			233
		SUM:		287	SUM:		416	SUM:			561	SUM:			644	SUM:			644
VOLUME/CAPACITY (V/C) RATIO:				0.191			0.277				0.374				0.429				0.429
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.124			0.207				0.274				0.329				0.329
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.055 Δv/c after mitigation: 0.055

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	107	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/28/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	206	1	**206**	0	206	**206**	45	253	1	**253**	0	253	1	**253**	0	253	1	**253**
	Left-Through		0							0				0				0	
	Through	577	4	144	0	577	144	454	1038	4	**260**	0	1038	4	**260**	0	1038	4	**260**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	460	3	**133**	0	460	**133**	200	666	3	**189**	0	666	3	**189**	0	666	3	**189**
	Through-Right		1							1				1				1	
	Right	73	0	73	0	73	73	14	88	0	88	0	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		206	North-South:		206	North-South:			260	North-South:			260	North-South:			260
		East-West:		133	East-West:		133	East-West:			189	East-West:			189	East-West:			189
		SUM:		339	SUM:		339	SUM:			449	SUM:			449	SUM:			449
VOLUME/CAPACITY (V/C) RATIO:				0.226			0.226				0.299				0.299				0.299
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.156			0.156				0.199				0.199				0.199
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	108	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/28/2011
		East-West Street:	2nd	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	41	2	**23**	0	41	**23**	18	59	2	**32**	0	59	2	**32**	0	59	2	**32**
	Left-Through		0							0				0				0	
	Through	174	2	63	0	174	63	216	392	2	139	0	392	2	139	0	392	2	139
	Through-Right		1							1				1				1	
	Right	16	0	16	0	16	16	8	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	2	17	0	31	17	5	36	2	20	0	36	2	20	0	36	2	20
	Left-Through		0							0				0				0	
	Through	250	1	**220**	0	250	**220**	0	253	1	**223**	0	253	1	**223**	0	253	1	**223**
	Through-Right		1							1				1				1	
	Right	190	0	190	0	190	190	0	192	0	192	0	192	0	192	0	192	0	192
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	83	1	83	0	83	83	0	84	1	84	0	84	1	84	0	84	1	84
	Left-Through		0							0				0				0	
	Through	527	2	**264**	14	541	**271**	32	565	2	**283**	14	579	2	**290**	0	579	2	**290**
	Through-Right		0							0				0				0	
	Right	111	1	88	0	111	88	8	120	1	88	0	120	1	88	0	120	1	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	41	1	**41**	0	41	**41**	0	41	1	**41**	0	41	1	**41**	0	41	1	**41**
	Left-Through		0							0				0				0	
	Through	210	2	105	0	210	105	21	234	2	117	0	234	2	117	0	234	2	117
	Through-Right		0							0				0				0	
	Right	29	1	21	0	29	21	0	29	1	19	0	29	1	19	0	29	1	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		243	North-South:		243	North-South:			255	North-South:			255	North-South:			255
		East-West:		305	East-West:		312	East-West:			324	East-West:			331	East-West:			331
		SUM:		548	SUM:		555	SUM:			579	SUM:			586	SUM:			586
VOLUME/CAPACITY (V/C) RATIO:				0.385			0.389				0.406				0.411				0.411
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.315			0.319				0.306				0.311				0.311
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.005 Δv/c after mitigation: 0.005

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
109	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	34	1	34	0	34	34	1	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	198	1	114	0	198	114	60	260	1	157	0	260	1	157	0	260	1	157
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	25	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	215	2	108	0	215	108	63	281	2	141	0	281	2	141	0	281	2	141
	Through-Right		0							0				0				0	
	Right	54	1	36	0	54	36	17	72	1	45	0	72	1	45	0	72	1	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	1	37	0	37	37	17	54	1	54	0	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	258	2	94	29	287	104	268	529	2	184	29	558	2	194	0	558	2	194
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	33	1	33	0	33	33	2	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	229	2	99	0	229	99	232	464	2	178	0	464	2	178	0	464	2	178
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	0	70	0	70	0	70	0	70	0	70	0	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		151	North-South:		151	North-South:			194	North-South:			194	North-South:			194
		East-West:		136	East-West:		137	East-West:			232	East-West:			232	East-West:			232
		SUM:		287	SUM:		288	SUM:			426	SUM:			426	SUM:			426
VOLUME/CAPACITY (V/C) RATIO:				0.191			0.192				0.284				0.284				0.284
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.124			0.125				0.184				0.184				0.184
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
110	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--	0	NB-- 3	SB--	0	NB--	3 SB--	0	NB--	3 SB--	0	NB--	3 SB--	0	NB--	3 SB--	0	
	EB-- 3	WB--	0	EB-- 3	WB--	0	EB--	3 WB--	0	EB--	3 WB--	0	EB--	3 WB--	0	EB--	3 WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	24	1	24	0	24	24	0	24	1	24	0	24	1	24	0	24	1	24
	Left-Through		0							0				0				0	
	Through	82	2	41	0	82	41	20	103	2	52	0	103	2	52	0	103	2	52
	Through-Right		0							1				0				0	
	Right	41	1	0	0	41	0	0	41	1	0	0	41	1	0	0	41	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	37	1	37	0	37	37	55	92	1	92	0	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	102	1	60	369	471	245	89	192	1	105	369	561	1	290	0	561	1	290
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	58	1	58	0	58	58	5	64	1	64	0	64	1	64	0	64	1	64
	Left-Through		0							0				0				0	
	Through	330	2	165	29	359	180	304	638	2	319	29	667	2	334	0	667	2	334
	Through-Right		0							0				0				0	
	Right	95	1	71	0	95	71	31	127	1	103	0	127	1	103	0	127	1	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	62	1	62	0	62	62	14	77	1	77	0	77	1	77	0	77	1	77
	Left-Through		0							0				0				0	
	Through	268	2	102	0	268	102	231	502	2	195	0	502	2	195	0	502	2	195
	Through-Right		1							1				1				1	
	Right	39	0	39	0	39	39	45	84	0	84	0	84	0	84	0	84	0	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		84	North-South:		269	North-South:			144	North-South:			314	North-South:			314
		East-West:		227	East-West:		242	East-West:			396	East-West:			411	East-West:			411
		SUM:		311	SUM:		511	SUM:			540	SUM:			725	SUM:			725
VOLUME/CAPACITY (V/C) RATIO:				0.226			0.372				0.393				0.527				0.527
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.156			0.302				0.293				0.427				0.427
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.134 Δv/c after mitigation: 0.134

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
111	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--	3	NB-- 3	SB--	3	NB--	3 SB--	3	NB--	3 SB--	3	NB--	3 SB--	3	NB--	3 SB--	3	
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	14	1	14	0	14	14	26	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	67	2	34	0	67	34	61	129	2	65	0	129	2	65	0	129	2	65
	Through-Right		0							0				0				0	
	Right	8	1	0	0	8	0	304	312	1	258	0	312	1	254	0	312	1	254
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	34	1	34	0	34	34	122	156	1	156	0	156	1	156	0	156	1	156
	Left-Through		0							0				0				0	
	Through	270	1	167	364	634	349	111	384	1	232	364	748	1	414	0	748	1	414
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	14	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	54	1	54	0	54	54	0	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	294	2	126	0	294	135	321	619	2	247	0	619	2	257	0	619	2	257
	Through-Right		1							1				1				1	
	Right	83	0	83	29	112	112	38	122	0	122	29	151	0	151	0	151	0	151
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	84	2	46	8	92	51	13	98	2	54	8	106	2	58	0	106	2	58
	Left-Through		0							0				0				0	
	Through	287	2	128	0	287	128	251	541	2	247	0	541	2	247	0	541	2	247
	Through-Right		1							1				1				1	
	Right	97	0	97	0	97	97	102	200	0	200	0	200	0	200	0	200	0	200
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		181	North-South:		363	North-South:			414	North-South:			454	North-South:			454
		East-West:		182	East-West:		186	East-West:			302	East-West:			315	East-West:			315
		SUM:		363	SUM:		549	SUM:			716	SUM:			769	SUM:			769
VOLUME/CAPACITY (V/C) RATIO:				0.255			0.385				0.502				0.540				0.540
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.185			0.315				0.402				0.440				0.440
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.038 Δv/c after mitigation: 0.038

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
112	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--	0	NB-- 3	SB--	0	NB--	3 SB--	0	NB--	3 SB--	0	NB--	3 SB--	0	NB--	3 SB--	0	
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	148	2	81	0	148	81	190	340	2	187	0	340	2	187	0	340	2	187
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	198	2	64	0	198	64	86	286	2	88	0	286	2	88	0	286	2	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	315	2	114	0	315	114	366	685	2	332	0	685	2	332	0	685	2	332
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	283	310	0	310	0	310	0	310	0	310	0	310
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	45	1	45	0	45	45	23	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	335	3	112	8	343	114	176	515	3	172	8	523	3	174	0	523	3	174
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		81	North-South:		81	North-South:			187	North-South:			187	North-South:			187
		East-West:		159	East-West:		159	East-West:			401	East-West:			401	East-West:			401
		SUM:		240	SUM:		240	SUM:			588	SUM:			588	SUM:			588
VOLUME/CAPACITY (V/C) RATIO:				0.168			0.168				0.413				0.413				0.413
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.109			0.109				0.313				0.313				0.313
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
113	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	18	1	18	0	18	18	0	18	1	18	0	18	1	18	0	18	1	18
	Left-Through		0							0				0				0	
	Through	246	1	143	0	246	143	127	376	1	213	0	376	1	213	0	376	1	213
	Through-Right		1							1				1				1	
	Right	39	0	39	0	39	39	11	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	488	2	178	316	804	286	216	710	2	253	316	1026	2	361	0	1026	2	361
	Through-Right		1							1				1				1	
	Right	47	0	47	8	55	55	0	48	0	48	8	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	64	1	64	0	64	64	27	92	1	92	0	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	339	2	120	0	339	120	366	709	2	263	0	709	2	263	0	709	2	263
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	59	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	18	1	18	0	18	18	151	169	1	169	0	169	1	169	0	169	1	169
	Left-Through		0							0				0				0	
	Through	276	2	102	0	276	102	199	478	2	170	0	478	2	170	0	478	2	170
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	0	31	0	31	0	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		196	North-South:		304	North-South:			271	North-South:			379	North-South:			379
		East-West:		166	East-West:		166	East-West:			432	East-West:			432	East-West:			432
		SUM:		362	SUM:		470	SUM:			703	SUM:			811	SUM:			811
VOLUME/CAPACITY (V/C) RATIO:				0.254			0.330				0.493				0.569				0.569
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.184			0.260				0.393				0.469				0.469
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.076 | Δv/c after mitigation: 0.076 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
114	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 3, EB-- 0 WB-- 3 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	0	29	0	29	29	2	31	0	31	0	31	0	31	0	31	0	31
	Left-Through		1							1				1				1	
	Through	292	3	80	357	649	170	645	941	2	324	357	1298	2	443	0	1298	2	443
	Through-Right		0							0				0				0	
	Right	55	1	31	0	55	31	102	158	1	134	0	158	1	134	0	158	1	134
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	24	1	24	0	24	24	0	24	1	24	0	24	1	24	0	24	1	24
	Left-Through		0							0				0				0	
	Through	359	2	128	0	359	128	306	669	2	242	0	669	2	242	0	669	2	242
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	32	58	0	58	0	58	0	58	0	58	0	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	25	1	25	0	25	25	17	42	1	42	0	42	1	42	0	42	1	42
	Left-Through		0							0				0				0	
	Through	255	2	85	0	255	85	232	490	2	163	0	490	2	163	0	490	2	163
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		80	North-South:		170	North-South:			324	North-South:			443	North-South:			443
		East-West:		153	East-West:		153	East-West:			284	East-West:			284	East-West:			284
		SUM:		233	SUM:		323	SUM:			608	SUM:			727	SUM:			727
VOLUME/CAPACITY (V/C) RATIO:				0.164			0.227				0.427				0.510				0.510
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.106			0.157				0.327				0.410				0.410
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.083 | Δv/c after mitigation: 0.083 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/28/2011
115	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	56	0	56	0	56	56	30	87	0	87	0	87	0	87	0	87	0	87
	Left-Through		1							1				1				1	
	Through	396	2	125	0	396	125	481	882	2	259	0	882	2	259	0	882	2	259
	Through-Right		1							1				1				1	
	Right	46	0	125	0	46	125	19	66	0	259	0	66	0	259	0	66	0	259
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	66	1	66	0	66	66	143	210	1	210	0	210	1	210	0	210	1	210
	Left-Through		0							0				0				0	
	Through	363	3	121	0	363	121	165	532	3	177	0	532	3	177	0	532	3	177
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	262	2	94	0	262	94	220	485	2	169	0	485	2	169	0	485	2	169
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	2	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		125	North-South:		125	North-South:			259	North-South:			259	North-South:			259
		East-West:		160	East-West:		160	East-West:			379	East-West:			379	East-West:			379
		SUM:		285	SUM:		285	SUM:			638	SUM:			638	SUM:			638
VOLUME/CAPACITY (V/C) RATIO:				0.200			0.200				0.448				0.448				0.448
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.130			0.130				0.348				0.348				0.348
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
116	East-West Street:	Temple/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	32	1	32	0	32	32	0	32	1	32	0	32	1	32	0	32	1	32
	Left-Through		0							0				0				0	
	Through	109	1	90	0	109	90	70	180	1	126	0	180	1	126	0	180	1	126
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	0	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	37	1	37	26	63	63	44	81	1	81	26	107	1	107	0	107	1	107
	Left-Through		0							0				0				0	
	Through	29	1	22	369	398	206	75	104	1	59	369	473	1	244	0	473	1	244
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	140	1	140	0	140	140	36	178	1	178	0	178	1	178	0	178	1	178
	Left-Through		0							0				0				0	
	Through	325	1	195	0	325	195	98	427	1	279	0	427	1	279	0	427	1	279
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	65	130	0	130	0	130	0	130	0	130	0	130
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	66	1	66	0	66	66	4	71	1	71	0	71	1	71	0	71	1	71
	Left-Through		0							0				0				0	
	Through	327	2	164	0	327	164	34	365	2	183	0	365	2	183	0	365	2	183
	Through-Right		0							0				0				0	
	Right	110	1	92	0	110	79	30	141	1	101	0	141	1	88	0	141	1	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		127	North-South:		238	North-South:			207	North-South:			276	North-South:			276
		East-West:		304	East-West:		304	East-West:			361	East-West:			361	East-West:			361
		SUM:		431	SUM:		542	SUM:			568	SUM:			637	SUM:			637
VOLUME/CAPACITY (V/C) RATIO:				0.302			0.380				0.399				0.447				0.447
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.232			0.310				0.299				0.347				0.347
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.048 | Δv/c after mitigation: 0.048 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	117	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/28/2011
		East-West Street:	Aliso	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			1		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	347	3	116	0	347	116	414	765	3	255	0	765	3	255	0	765	3	255
	Through-Right		0							0				0				0	
	Right	142	1	**142**	0	142	**142**	211	355	1	**355**	0	355	1	**355**	0	355	1	**355**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	68	0	68	0	68	68	47	116	0	116	0	116	0	116	0	116	0	116
	Left-Through		1							1				1				1	
	Through	400	2	**156**	0	400	**156**	499	904	2	**340**	0	904	2	**340**	0	904	2	**340**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		142	*North-South:*		142	*North-South:*			355	*North-South:*			355	*North-South:*			355
		East-West:		156	*East-West:*		156	*East-West:*			340	*East-West:*			340	*East-West:*			340
		SUM:		298	*SUM:*		298	*SUM:*			695	*SUM:*			695	*SUM:*			695
VOLUME/CAPACITY (*V/C*) RATIO:				0.199			0.199				0.463				0.463				0.463
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.129			0.129				0.363				0.363				0.363
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — *Δv/c* after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	118	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Aliso	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		2	0	2	0
ATSAC-1 or ATSAC+ATCS-2?			1		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	237	2	**119**	0	237	**119**	11	251	2	**126**	0	251	2	**126**	0	251	2	**126**
	Through-Right		0							0				0				0	
	Right	16	1	16	0	16	16	64	80	1	80	0	80	1	80	0	80	1	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	165	0	**165**	0	165	**165**	0	167	0	**167**	0	167	0	**167**	0	167	0	**167**
	Left-Through		1							1				1				1	
	Through	328	2	164	0	328	164	38	370	2	185	0	370	2	185	0	370	2	185
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	17	0	17	0	17	17	112	129	0	129	0	129	0	129	0	129	0	129
	Left-Through		1							1				1				1	
	Through	487	2	**137**	0	487	**137**	530	1023	2	**316**	0	1023	2	**316**	0	1023	2	**316**
	Through-Right		1							1				1				1	
	Right	43	0	137	0	43	137	68	112	0	316	0	112	0	316	0	112	0	316
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		284	*North-South:*		284	*North-South:*			293	*North-South:*			293	*North-South:*			293
		East-West:		137	*East-West:*		137	*East-West:*			316	*East-West:*			316	*East-West:*			316
		SUM:		421	*SUM:*		421	*SUM:*			609	*SUM:*			609	*SUM:*			609
VOLUME/CAPACITY (*V/C*) RATIO:				0.281			0.281				0.406				0.406				0.406
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.211			0.211				0.306				0.306				0.306
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — *Δv/c* after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	119	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	I-110 On-Ramp/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	3	3	0
ATSAC-1 or ATSAC+ATCS-2?			1		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	184	1	**184**	0	184	**184**	176	362	1	**362**	0	362	1	**362**	0	362	1	**362**
	Left-Through		0							0				0				0	
	Through	144	2	72	0	144	72	80	226	2	113	0	226	2	113	0	226	2	113
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	364	2	182	48	412	206	131	499	2	250	48	547	2	274	0	547	2	274
	Through-Right		0							0				0				0	
	Right	316	1	**295**	0	316	**316**	124	444	1	**444**	0	444	1	**444**	0	444	1	**444**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	21	0	**21**	0	21	**21**	24	45	0	**45**	0	45	0	**45**	0	45	0	**45**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	7	1	0	308	315	0	150	157	1	0	308	465	1	0	0	465	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		479	*North-South:*		500	*North-South:*			806	*North-South:*			806	*North-South:*			806
		East-West:		21	*East-West:*		21	*East-West:*			45	*East-West:*			45	*East-West:*			45
		SUM:		500	*SUM:*		521	*SUM:*			851	*SUM:*			851	*SUM:*			851
VOLUME/CAPACITY (*V/C*) RATIO:				0.351			0.366				0.597				0.597				0.597
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.281			0.296				0.497				0.497				0.497
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — *Δv/c* after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	120	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Sunset	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	1	0	1
ATSAC-1 or ATSAC+ATCS-2?			1		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	74	0	74	0	74	74	0	75	0	75	0	75	0	75	0	75	0	75
	Left-Through		0							0				0				0	
	Through	832	0	**930**	0	832	**930**	51	893	0	**1014**	0	893	0	**1014**	0	893	0	**1014**
	Through-Right		0							0				0				0	
	Right	24	0	0	0	24	0	22	46	0	0	0	46	0	0	0	46	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	27	0	**27**	0	27	**27**	72	99	0	**99**	0	99	0	**99**	0	99	0	**99**
	Left-Through		1							1				1				1	
	Through	591	1	350	0	591	350	72	670	1	533	0	670	1	533	0	670	1	533
	Through-Right		0							0				0				0	
	Right	62	1	0	0	62	0	11	74	1	0	0	74	1	0	0	74	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	169	1	**169**	0	169	**169**	0	171	1	**171**	0	171	1	**171**	0	171	1	**171**
	Left-Through		0							0				0				0	
	Through	63	2	32	48	111	56	113	177	2	87	48	225	2	103	0	225	2	103
	Through-Right		1							1				1				1	
	Right	82	0	82	0	82	82	0	83	0	83	0	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	26	1	26	0	26	26	25	51	1	51	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	64	2	32	0	64	32	91	156	2	**75**	0	156	2	**75**	0	156	2	**75**
	Through-Right		1							1				1				1	
	Right	67	0	**67**	0	67	**67**	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		957	*North-South:*		957	*North-South:*			1113	*North-South:*			1113	*North-South:*			1113
		East-West:		236	*East-West:*		236	*East-West:*			246	*East-West:*			246	*East-West:*			246
		SUM:		1193	*SUM:*		1193	*SUM:*			1359	*SUM:*			1359	*SUM:*			1359
VOLUME/CAPACITY (*V/C*) RATIO:				0.795			0.795				0.906				0.906				0.906
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.725			0.725				0.806				0.806				0.806
LEVEL OF SERVICE (LOS):				C			C				D				D				D

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — *Δv/c* after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
121	Figueroa	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	Cesar Chavez	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	206	1	**206**	0	206	**206**	7	215	1	215	0	215	1	215	0	215	1	215
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	298	2	149	0	298	149	193	495	2	**248**	0	495	2	**248**	0	495	2	**248**
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	218	1	179	0	218	179	15	236	1	197	0	236	1	197	0	236	1	197
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	68	1	68	0	68	68	0	69	1	**69**	0	69	1	**69**	0	69	1	**69**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	88	2	**44**	0	88	**44**	46	135	2	68	0	135	2	68	0	135	2	68
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	90	1	0	0	90	0	0	91	1	0	0	91	1	0	0	91	1	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	190	1	**190**	0	190	**190**	8	200	1	**200**	0	200	1	**200**	0	200	1	**200**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	600	2	235	48	648	251	190	797	2	303	48	845	2	319	0	845	2	319
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	104	0	104	0	104	104	8	113	0	113	0	113	0	113	0	113	0	113
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	78	1	78	0	78	78	0	79	1	79	0	79	1	79	0	79	1	79
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	943	2	**339**	0	943	**339**	109	1063	2	**400**	0	1063	2	**400**	0	1063	2	**400**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	75	0	75	0	75	75	61	137	0	137	0	137	0	137	0	137	0	137
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		250	North-South:		250	North-South:			317	North-South:			317	North-South:			317
	East-West:		529	East-West:		529	East-West:			600	East-West:			600	East-West:			600
	SUM:		779	SUM:		779	SUM:			917	SUM:			917	SUM:			917
VOLUME/CAPACITY (V/C) RATIO:			0.567			0.567				0.667				0.667				0.667
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.497			0.497				0.567				0.567				0.567
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
122	Grand	2011	0.2	Eric Ji	1/13/2012
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	Cesar Chavez	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	3	3	3	3
	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	202	1	**202**	0	202	**202**	26	230	1	**230**	0	230	1	**230**	0	230	1	**230**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	37	1	37	0	37	37	66	103	1	103	0	103	1	103	0	103	1	103
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	45	1	0	0	45	0	13	59	1	0	0	59	1	0	0	59	1	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	16	1	16	0	16	16	0	16	1	16	0	16	1	16	0	16	1	16
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	76	1	**76**	0	76	**76**	100	177	1	**177**	0	177	1	**177**	0	177	1	**177**
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	19	1	7	0	19	7	0	19	1	7	0	19	1	7	0	19	1	7
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	583	2	**292**	0	583	**292**	146	736	2	**368**	0	736	2	**368**	0	736	2	**368**
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	301	1	200	48	349	248	44	349	1	234	48	397	1	282	0	397	1	282
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	233	2	**128**	0	233	**128**	111	347	2	**191**	0	347	2	**191**	0	347	2	**191**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	887	2	305	0	887	305	113	1011	2	346	0	1011	2	346	0	1011	2	346
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	27	0	27	0	27	27	0	27	0	27	0	27	0	27	0	27	0	27
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		278	North-South:		278	North-South:			407	North-South:			407	North-South:			407
	East-West:		420	East-West:		420	East-West:			559	East-West:			559	East-West:			559
	SUM:		698	SUM:		698	SUM:			966	SUM:			966	SUM:			966
VOLUME/CAPACITY (V/C) RATIO:			0.490			0.490				0.678				0.678				0.678
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.420			0.420				0.578				0.578				0.578
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
123	Spring	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	Cesar Chavez	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
	1	1	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	3	1	**3**	0	3	**3**	0	3	1	**3**	0	3	1	**3**	0	3	1	**3**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	2	1	2	0	2	2	0	2	1	2	0	2	1	2	0	2	1	2
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	19	1	0	0	19	0	0	19	1	0	0	19	1	0	0	19	1	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	123	0	**218**	89	212	**307**	353	477	0	**609**	89	566	0	**698**	0	566	0	**698**
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	84	0	0	0	84	0	36	121	0	0	0	121	0	0	0	121	0	0
SOUTHBOUND Left-Through-Right		1							1				1				1	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	3	0	0	0	3	0	0	3	0	0	0	3	0	0	0	3	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	541	2	**271**	0	541	**271**	97	645	2	**323**	0	645	2	**323**	0	645	2	**323**
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	132	1	0	0	132	0	21	155	1	0	0	155	1	0	0	155	1	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	279	2	**153**	0	279	**153**	15	297	2	**163**	0	297	2	**163**	0	297	2	**163**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	932	2	331	0	932	331	113	1056	2	373	0	1056	2	373	0	1056	2	373
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	61	0	61	0	61	61	0	62	0	62	0	62	0	62	0	62	0	62
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		221	North-South:		310	North-South:			612	North-South:			701	North-South:			701
	East-West:		424	East-West:		424	East-West:			486	East-West:			486	East-West:			486
	SUM:		645	SUM:		734	SUM:			1098	SUM:			1187	SUM:			1187
VOLUME/CAPACITY (V/C) RATIO:			0.453			0.515				0.771				0.833				0.833
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.383			0.445				0.671				0.733				0.733
LEVEL OF SERVICE (LOS):			A			A				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.062 | Δv/c after mitigation: 0.062
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
124	Main	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	Cesar Chavez	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	196	1	127	0	196	127	21	219	1	219	0	219	1	219	0	219	1	219
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	186	1	127	0	186	127	389	577	1	**259**	0	577	1	**259**	0	577	1	**259**
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	179	0	**179**	0	179	**179**	18	199	0	199	0	199	0	199	0	199	0	199
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	62	1	**62**	0	62	**62**	0	63	1	**63**	0	63	1	**63**	0	63	1	**63**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	488	2	244	0	488	244	97	591	2	296	0	591	2	296	0	591	2	296
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	1034	1	**530**	0	1034	**530**	107	1153	1	**651**	0	1153	1	**651**	0	1153	1	**651**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	25	0	25	0	25	25	124	149	0	149	0	149	0	149	0	149	0	149
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		179	North-South:		179	North-South:			259	North-South:			259	North-South:			259
	East-West:		592	East-West:		592	East-West:			714	East-West:			714	East-West:			714
	SUM:		771	SUM:		771	SUM:			973	SUM:			973	SUM:			973
VOLUME/CAPACITY (V/C) RATIO:			0.514			0.514				0.649				0.649				0.649
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.444			0.444				0.549				0.549				0.549
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
125	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 3 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	229	1	229	0	229	229	0	232	1	232	0	232	1	232	0	232	1	232
	Left-Through		0							0				0				0	
	Through	685	2	261	0	685	261	165	858	2	319	0	858	2	319	0	858	2	319
	Through-Right		1							1				1				1	
	Right	97	0	97	0	97	97	0	98	0	98	0	98	0	98	0	98	0	98
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	78	1	78	0	78	78	13	92	1	92	0	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	713	2	285	0	713	285	244	966	2	370	0	966	2	370	0	966	2	370
	Through-Right		1							1				1				1	
	Right	141	0	141	0	141	141	0	143	0	143	0	143	0	143	0	143	0	143
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	48	1	48	0	48	48	0	49	1	49	0	49	1	49	0	49	1	49
	Left-Through		0							0				0				0	
	Through	381	2	191	0	381	191	115	501	2	251	0	501	2	251	0	501	2	251
	Through-Right		0							0				0				0	
	Right	246	1	17	0	246	17	0	249	1	17	0	249	1	17	0	249	1	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	181	1	181	0	181	181	0	183	1	183	0	183	1	183	0	183	1	183
	Left-Through		0							0				0				0	
	Through	684	2	254	0	684	254	118	810	2	297	0	810	2	297	0	810	2	297
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	0	80	0	80	0	80	0	80	0	80	0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		514	North-South:		514	North-South:			602	North-South:			602	North-South:			602
		East-West:		372	East-West:		372	East-West:			434	East-West:			434	East-West:			434
		SUM:		886	SUM:		886	SUM:			1036	SUM:			1036	SUM:			1036
VOLUME/CAPACITY (V/C) RATIO:				0.644			0.644				0.753				0.753				0.753
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.574			0.574				0.653				0.653				0.653
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/28/2011
126	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	3	1	3	0	3	3	166	169	1	169	0	169	1	169	0	169	1	169
	Left-Through		0							0				0				0	
	Through	123	1	72	0	123	72	275	399	1	210	0	399	1	210	0	399	1	210
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	0	21	0	21	0	21	0	21	0	21	0	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	203	1	141	0	203	164	0	205	1	161	0	205	1	184	0	205	1	184
	Through-Right		1							1				1				1	
	Right	79	0	79	45	124	124	37	117	0	117	45	162	0	162	0	162	0	162
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	48	1	48	0	48	48	20	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	84	1	51	0	84	51	80	165	1	91	0	165	1	91	0	165	1	91
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	245	1	151	0	245	151	71	319	1	188	0	319	1	188	0	319	1	188
	Through-Right		1							1				1				1	
	Right	56	0	56	0	56	56	0	57	0	57	0	57	0	57	0	57	0	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		144	North-South:		167	North-South:			330	North-South:			353	North-South:			353
		East-West:		199	East-West:		199	East-West:			257	East-West:			257	East-West:			257
		SUM:		343	SUM:		366	SUM:			587	SUM:			610	SUM:			610
VOLUME/CAPACITY (V/C) RATIO:				0.241			0.257				0.412				0.428				0.428
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.171			0.187				0.312				0.328				0.328
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.016 | Δv/c after mitigation: 0.016
Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
127	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 3 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	58	1	58	0	58	58	38	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	291	2	146	0	291	146	56	351	2	176	0	351	2	176	0	351	2	176
	Through-Right		0							0				0				0	
	Right	57	1	38	0	57	38	47	105	1	20	0	105	1	20	0	105	1	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	40	1	40	0	40	40	29	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	163	2	75	0	163	82	90	255	2	106	0	255	2	121	0	255	2	121
	Through-Right		1							1				1				1	
	Right	62	0	62	45	107	87	0	63	0	63	45	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	41	1	41	0	41	41	0	41	1	41	0	41	1	41	0	41	1	41
	Left-Through		0							0				0				0	
	Through	32	1	32	0	32	32	60	92	1	92	0	92	1	92	0	92	1	92
	Through-Right		1							1				1				1	
	Right	65	0	36	0	65	36	61	127	0	79	0	127	0	79	0	127	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	19	1	19	0	19	19	66	85	1	85	0	85	1	85	0	85	1	85
	Left-Through		0							0				0				0	
	Through	65	2	33	45	110	55	213	279	2	140	45	324	2	162	0	324	2	162
	Through-Right		0							0				0				0	
	Right	56	1	36	0	56	36	33	90	1	56	0	90	1	56	0	90	1	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		186	North-South:		186	North-South:			245	North-South:			245	North-South:			245
		East-West:		77	East-West:		96	East-West:			181	East-West:			203	East-West:			203
		SUM:		263	SUM:		282	SUM:			426	SUM:			448	SUM:			448
VOLUME/CAPACITY (V/C) RATIO:				0.185			0.198				0.299				0.314				0.314
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.120			0.129				0.199				0.214				0.214
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.015 | Δv/c after mitigation: 0.015
Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
128	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	384	1	223	0	384	223	142	531	1	297	0	531	1	297	0	531	1	297
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	138	1	138	0	138	138	144	284	1	284	0	284	1	284	0	284	1	284
	Left-Through		0							0				0				0	
	Through	857	1	451	307	1164	604	176	1043	1	544	307	1350	1	698	0	1350	1	698
	Through-Right		1							1				1				1	
	Right	44	0	44	0	44	44	0	45	0	45	0	45	0	45	0	45	0	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through		1							1				1				1	
	Through	213	1	137	0	213	137	0	216	0	155	0	216	0	155	0	216	0	155
	Through-Right		1							1				1				1	
	Right	27	0	137	0	27	137	0	27	0	155	0	27	0	155	0	27	0	155
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through		1							1				1				1	
	Through	105	0	124	0	105	124	0	106	0	157	0	106	0	157	0	106	0	157
	Through-Right		1							1				1				1	
	Right	93	0	124	0	93	124	120	214	0	72	0	214	0	72	0	214	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		494	North-South:		647	North-South:			588	North-South:			742	North-South:			742
		East-West:		187	East-West:		187	East-West:			206	East-West:			206	East-West:			206
		SUM:		681	SUM:		834	SUM:			794	SUM:			948	SUM:			948
VOLUME/CAPACITY (V/C) RATIO:				0.454			0.556				0.529				0.632				0.632
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.384			0.486				0.429				0.532				0.532
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.103 | Δv/c after mitigation: 0.103
Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
129	East-West Street:	College	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	40	1	**40**	0	40	**40**	0	40	1	**40**	0	40	1	**40**	0	40	1	**40**
	Left-Through		0							0				0				0	
	Through	417	1	248	0	417	248	262	684	1	382	0	684	1	382	0	684	1	382
	Through-Right		1							1				1				1	
	Right	78	0	78	0	78	78	0	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	213	1	213	0	213	213	110	326	1	326	0	326	1	326	0	326	1	326
	Left-Through		0							0				0				0	
	Through	956	1	**505**	307	1263	**658**	319	1287	1	**671**	307	1594	1	**824**	0	1594	1	**824**
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	0	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	76	0	**76**	0	76	**76**	0	77	0	**77**	0	77	0	**77**	0	77	0	**77**
	Left-Through		1							1				1				1	
	Through	152	0	138	0	152	138	0	154	0	179	0	154	0	179	0	154	0	179
	Through-Right		1							1				1				1	
	Right	48	0	138	0	48	138	0	49	0	179	0	49	0	179	0	49	0	179
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through		1							1				1				1	
	Through	131	0	**133**	0	131	**133**	0	133	0	**176**	0	133	0	**176**	0	133	0	**176**
	Through-Right		1							1				1				1	
	Right	93	0	133	0	93	133	92	186	0	23	0	186	0	23	0	186	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		545	*North-South:*		698	*North-South:*			711	*North-South:*			864	*North-South:*			864
		East-West:		209	*East-West:*		209	*East-West:*			253	*East-West:*			253	*East-West:*			253
		SUM:		754	*SUM:*		907	*SUM:*			964	*SUM:*			1117	*SUM:*			1117
VOLUME/CAPACITY (*V/C*) RATIO:				0.503			0.605				0.643				0.745				0.745
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.433**			**0.535**				**0.543**				**0.645**				**0.645**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**B**				**B**

PROJECT IMPACT

Change in *v/c* due to project: 0.102 — Δ*v/c* after mitigation: 0.102

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Sunset	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
130	East-West Street:	Elysian Park	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--	0	NB-- 3	SB--	0	NB-- 3	SB--	0	NB-- 3	SB--	0	NB-- 3	SB--	0	NB-- 3	SB--	0	NB-- 3	SB--	0	NB-- 3	SB--	0
	EB-- 0	WB--	3	EB-- 0	WB--	3	EB-- 0	WB--	3	EB-- 0	WB--	3	EB-- 0	WB--	3	EB-- 0	WB--	3	EB-- 0	WB--	3	EB-- 0	WB--	3
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	760	2	380	0	760	380	102	871	2	436	0	871	2	436	0	871	2	436
	Through-Right		1							1				1				1	
	Right	582	1	**529**	0	582	**529**	0	589	1	**535**	0	589	1	**535**	0	589	1	**535**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	482	1	**482**	0	482	**482**	0	488	1	**488**	0	488	1	**488**	0	488	1	**488**
	Left-Through		0							0				0				0	
	Through	673	2	337	48	721	361	113	794	2	397	48	842	2	421	0	842	2	421
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	97	2	**53**	0	97	**53**	0	98	2	**54**	0	98	2	**54**	0	98	2	**54**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	82	2	0	0	82	0	0	83	2	0	0	83	2	0	0	83	2	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		1011	*North-South:*		1011	*North-South:*			1023	*North-South:*			1023	*North-South:*			1023
		East-West:		53	*East-West:*		53	*East-West:*			54	*East-West:*			54	*East-West:*			54
		SUM:		1064	*SUM:*		1064	*SUM:*			1077	*SUM:*			1077	*SUM:*			1077
VOLUME/CAPACITY (*V/C*) RATIO:				0.747			0.747				0.756				0.756				0.756
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.677**			**0.677**				**0.656**				**0.656**				**0.656**
LEVEL OF SERVICE (LOS):				**B**			**B**				**B**				**B**				**B**

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — Δ*v/c* after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/28/2011
131	East-West Street:	Bellevue	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	643	2	322	0	643	322	121	772	2	386	0	772	2	386	0	772	2	386
	Through-Right		0							0				0				0	
	Right	205	1	115	0	205	115	123	330	1	233	0	330	1	233	0	330	1	233
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	69	1	69	0	69	69	0	70	1	70	0	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	946	2	**473**	151	1097	**549**	120	1077	2	**539**	151	1228	2	**614**	0	1228	2	**614**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	328	2	**180**	0	328	**180**	22	354	2	**195**	0	354	2	**195**	0	354	2	**195**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	125	1	91	0	125	91	0	127	1	92	0	127	1	92	0	127	1	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		473	*North-South:*		549	*North-South:*			539	*North-South:*			614	*North-South:*			614
		East-West:		180	*East-West:*		180	*East-West:*			195	*East-West:*			195	*East-West:*			195
		SUM:		653	*SUM:*		729	*SUM:*			734	*SUM:*			809	*SUM:*			809
VOLUME/CAPACITY (*V/C*) RATIO:				0.458			0.512				0.515				0.568				0.568
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.388**			**0.442**				**0.415**				**0.468**				**0.468**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: 0.053 — Δ*v/c* after mitigation: 0.053

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/28/2011
132	East-West Street:	Temple	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	58	1	**58**	0	58	**58**	5	64	1	**64**	0	64	1	**64**	0	64	1	**64**
	Left-Through		0							0				0				0	
	Through	458	1	237	0	458	237	202	666	1	341	0	666	1	341	0	666	1	341
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	112	1	112	0	112	112	2	115	1	115	0	115	1	115	0	115	1	115
	Left-Through		0							0				0				0	
	Through	570	1	**372**	159	729	**451**	176	753	1	**477**	159	912	1	**556**	0	912	1	**556**
	Through-Right		1							1				1				1	
	Right	173	0	173	0	173	173	25	200	0	200	0	200	0	200	0	200	0	200
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	260	1	**260**	0	260	**260**	2	265	1	**265**	0	265	1	**265**	0	265	1	**265**
	Left-Through		0							0				0				0	
	Through	320	1	204	0	320	317	42	366	1	236	0	366	1	349	0	366	1	349
	Through-Right		1							1				1				1	
	Right	87	0	87	226	313	313	18	106	0	106	226	332	0	332	0	332	0	332
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	332	1	**222**	0	332	**222**	37	373	1	**263**	0	373	1	**263**	0	373	1	**263**
	Through-Right		1							1				1				1	
	Right	112	0	112	0	112	112	40	153	0	153	0	153	0	153	0	153	0	153
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		430	*North-South:*		509	*North-South:*			541	*North-South:*			620	*North-South:*			620
		East-West:		482	*East-West:*		482	*East-West:*			528	*East-West:*			528	*East-West:*			528
		SUM:		912	*SUM:*		991	*SUM:*			1069	*SUM:*			1148	*SUM:*			1148
VOLUME/CAPACITY (*V/C*) RATIO:				0.640			0.695				0.750				0.806				0.806
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.570**			**0.625**				**0.650**				**0.706**				**0.706**
LEVEL OF SERVICE (LOS):				**A**			**B**				**B**				**C**				**C**

PROJECT IMPACT

Change in *v/c* due to project: 0.056 — Δ*v/c* after mitigation: 0.056

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
133	East-West Street:	US 101 NB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	276	1	**276**	0	276	**276**	9	288	1	**288**	0	288	1	**288**	0	288	1	**288**
	Left-Through		0							0				0				0	
	Through	822	3	274	0	822	274	184	1016	3	339	0	1016	3	339	0	1016	3	339
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	925	2	**407**	3	928	**408**	80	1016	2	**475**	3	1019	2	**476**	0	1019	2	**476**
	Through-Right		1							1				1				1	
	Right	296	0	296	0	296	296	109	409	0	409	0	409	0	409	0	409	0	409
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	211	1	**154**	0	211	**154**	40	254	1	**185**	0	254	1	**185**	0	254	1	**185**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	96	0	154	0	96	154	18	115	0	185	0	115	0	185	0	115	0	185
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
CRITICAL VOLUMES		North-South:		683	North-South:		684	North-South:		763		North-South:		764		North-South:		764	
		East-West:		154	East-West:		154	East-West:		185		East-West:		185		East-West:		185	
		SUM:		837	SUM:		838	SUM:		948		SUM:		949		SUM:		949	
VOLUME/CAPACITY (V/C) RATIO:				0.587			0.588			0.665				0.666				0.666	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.517			0.518			0.565				0.566				0.566	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
134	East-West Street:	US 101 SB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	881	2	**376**	0	881	**376**	98	990	2	**417**	0	990	2	**417**	0	990	2	**417**
	Through-Right		1							1				1				1	
	Right	246	0	246	0	246	246	11	260	0	260	0	260	0	260	0	260	0	260
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	214	0	**214**	0	214	**214**	24	241	0	**241**	0	241	0	**241**	0	241	0	**241**
	Left-Through		1							1				1				1	
	Through	864	2	432	3	867	434	129	1003	2	502	3	1006	2	503	0	1006	2	503
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	208	1	**208**	0	208	208	123	334	1	**334**	0	334	1	**334**	0	334	1	**334**
	Left-Through		0							0				0				0	
	Through	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Through-Right		0							0				0				0	
	Right	201	1	201	55	256	**256**	12	215	1	215	55	270	1	270	0	270	1	270
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		590	North-South:		590	North-South:		658		North-South:		658		North-South:		658	
		East-West:		208	East-West:		256	East-West:		334		East-West:		334		East-West:		334	
		SUM:		798	SUM:		846	SUM:		992		SUM:		992		SUM:		992	
VOLUME/CAPACITY (V/C) RATIO:				0.532			0.564			0.661				0.661				0.661	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.462			0.494			0.561				0.561				0.561	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
135	East-West Street:	Beverly	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	27	0	**27**	0	27	**27**	0	27	0	**27**	0	27	0	**27**	0	27	0	**27**
	Left-Through		1							1				1				1	
	Through	902	1	373	0	902	373	98	1011	1	411	0	1011	1	411	0	1011	1	411
	Through-Right		1							1				1				1	
	Right	56	0	373	0	56	373	3	60	0	411	0	60	0	411	0	60	0	411
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	27	0	27	0	27	27	0	27	0	27	0	27	0	27	0	27	0	27
	Left-Through		1							1				1				1	
	Through	905	1	**507**	58	963	**536**	124	1040	1	**601**	58	1098	1	**630**	0	1098	1	**630**
	Through-Right		0							0				0				0	
	Right	99	1	58	0	99	58	0	100	1	58	0	100	1	58	0	100	1	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	83	1	**83**	0	83	**83**	0	84	1	84	0	84	1	84	0	84	1	84
	Left-Through		0							0				0				0	
	Through	365	2	141	0	365	141	276	645	2	**234**	0	645	2	**234**	0	645	2	**234**
	Through-Right		1							1				1				1	
	Right	57	0	57	0	57	57	0	58	0	58	0	58	0	58	0	58	0	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	67	1	67	0	67	67	1	69	1	**69**	0	69	1	**69**	0	69	1	**69**
	Left-Through		0							0				0				0	
	Through	319	2	**127**	0	319	**127**	245	568	2	210	0	568	2	210	0	568	2	210
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		534	North-South:		563	North-South:		628		North-South:		657		North-South:		657	
		East-West:		210	East-West:		210	East-West:		303		East-West:		303		East-West:		303	
		SUM:		744	SUM:		773	SUM:		931		SUM:		960		SUM:		960	
VOLUME/CAPACITY (V/C) RATIO:				0.496			0.515			0.621				0.640				0.640	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.426			0.445			0.521				0.540				0.540	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.019 | Δv/c after mitigation: 0.019 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
136	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	82	1	82	0	82	**82**	8	91	1	**91**	0	91	1	**91**	0	91	1	**91**
	Left-Through		0							0				0				0	
	Through	977	2	**356**	0	977	356	272	1261	2	455	0	1261	2	455	0	1261	2	455
	Through-Right		1							1				1				1	
	Right	92	0	92	0	92	92	10	103	0	103	0	103	0	103	0	103	0	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	92	1	**92**	0	92	92	0	93	1	93	0	93	1	93	0	93	1	93
	Left-Through		0							0				0				0	
	Through	973	2	365	43	1016	**380**	292	1277	2	**470**	43	1320	2	**484**	0	1320	2	**484**
	Through-Right		1							1				1				1	
	Right	123	0	123	0	123	123	8	132	0	132	0	132	0	132	0	132	0	132
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	156	1	**156**	0	156	**156**	7	165	1	**165**	0	165	1	**165**	0	165	1	**165**
	Left-Through		0							0				0				0	
	Through	637	1	340	0	637	340	220	865	1	459	0	865	1	459	0	865	1	459
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	8	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	86	1	86	0	86	86	8	95	1	95	0	95	1	95	0	95	1	95
	Left-Through		0							0				0				0	
	Through	601	2	**301**	0	601	**301**	220	828	2	**414**	0	828	2	**414**	0	828	2	**414**
	Through-Right		1							1				1				1	
	Right	131	1	85	0	131	85	0	133	1	87	0	133	1	87	0	133	1	87
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		448	North-South:		462	North-South:		561		North-South:		575		North-South:		575	
		East-West:		457	East-West:		457	East-West:		579		East-West:		579		East-West:		579	
		SUM:		905	SUM:		919	SUM:		1140		SUM:		1154		SUM:		1154	
VOLUME/CAPACITY (V/C) RATIO:				0.603			0.613			0.760				0.769				0.769	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.533			0.543			0.660				0.669				0.669	
LEVEL OF SERVICE (LOS):				A			A			B				B				B	

PROJECT IMPACT

Change in v/c due to project: 0.009 | Δv/c after mitigation: 0.009 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Alvardo	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
137	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	48	0	48	0	48	**48**	0	49	0	49	0	49	0	**49**	0	49	0	**49**
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	837	1	**378**	0	837	378	100	947	1	**453**	0	947	1	453	0	947	1	453
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	105	0	378	0	105	378	12	118	0	453	0	118	0	453	0	118	0	453
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	37	0	**37**	22	59	59	0	37	0	**37**	22	59	0	59	0	59	0	59
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	784	1	348	36	820	**389**	84	877	1	414	36	913	1	**470**	0	913	1	**470**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	112	0	348	0	112	389	29	142	0	414	0	142	0	470	0	142	0	470
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	82	1	82	0	82	82	3	86	1	86	0	86	1	86	0	86	1	86
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	496	1	**270**	0	496	**270**	207	709	1	**377**	0	709	1	**377**	0	709	1	**377**
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	74	1	**74**	0	74	**74**	18	93	1	**93**	0	93	1	**93**	0	93	1	**93**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	432	1	233	0	432	233	207	644	1	340	0	644	1	340	0	644	1	340
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	34	0	34	0	34	34	1	35	0	35	0	35	0	35	0	35	0	35
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		415	North-South:		437	North-South:			490	North-South:			519	North-South:			519
	East-West:		344	East-West:		344	East-West:			470	East-West:			470	East-West:			470
	SUM:		759	SUM:		781	SUM:			960	SUM:			989	SUM:			989
VOLUME/CAPACITY (V/C) RATIO:			0.506			0.521				0.674				0.694				0.694
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.436			0.451				0.574				0.594				0.594
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.020 Δv/c after mitigation: 0.020

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
138	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	89	0	**89**	0	89	**89**	11	101	0	**101**	0	101	0	101	0	101	0	101
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	764	1	414	0	764	414	113	886	1	480	0	886	1	**548**	0	886	1	**548**
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	121	0	414	2	123	414	27	149	0	480	2	151	0	548	0	151	0	548
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	104	1	104	4	108	108	0	105	1	105	4	109	1	**109**	0	109	1	**109**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	811	1	**445**	39	850	**464**	90	911	1	**495**	39	950	1	515	0	950	1	515
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	78	0	78	0	78	78	0	79	0	79	0	79	0	79	0	79	0	79
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	91	1	91	0	91	91	0	92	1	92	0	92	1	92	0	92	1	92
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	620	2	**229**	33	653	**240**	81	708	2	**264**	33	741	2	**275**	0	741	2	**275**
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	68	0	68	0	68	68	14	83	0	83	0	83	0	83	0	83	0	83
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	162	1	**162**	0	162	**162**	21	185	1	**185**	0	185	1	**185**	0	185	1	**185**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	719	2	278	0	719	278	75	803	2	307	0	803	2	307	0	803	2	307
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	116	0	116	0	116	116	0	117	0	117	0	117	0	117	0	117	0	117
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		534	North-South:		553	North-South:			596	North-South:			657	North-South:			657
	East-West:		391	East-West:		402	East-West:			449	East-West:			460	East-West:			460
	SUM:		925	SUM:		955	SUM:			1045	SUM:			1117	SUM:			1117
VOLUME/CAPACITY (V/C) RATIO:			0.673			0.695				0.760				0.812				0.812
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.603			0.625				0.660				0.712				0.712
LEVEL OF SERVICE (LOS):			B			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.052 Δv/c after mitigation: 0.052

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
139	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	73	0	**73**	0	73	**73**	3	77	0	**77**	0	77	0	**77**	0	77	0	**77**
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	506	0	326	0	506	326	34	546	0	350	0	546	0	350	0	546	0	350
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	138	1	23	0	138	23	9	149	1	22	0	149	1	22	0	149	1	22
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	68	0	68	1	69	69	8	77	0	77	1	78	0	78	0	78	0	78
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	449	1	**361**	10	459	**368**	34	488	1	**398**	10	498	1	**405**	0	498	1	**405**
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	60	1	40	0	60	40	0	61	1	41	0	61	1	41	0	61	1	41
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	41	1	41	0	41	41	0	41	1	41	0	41	1	41	0	41	1	41
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	945	2	**342**	39	984	**355**	82	1038	2	**519**	39	1077	2	**539**	0	1077	2	**539**
EASTBOUND Through-Right		1							2				2				2	
EASTBOUND Right	81	0	81	0	81	81	4	86	1	86	0	86	1	86	0	86	1	86
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	115	1	**115**	0	115	**115**	11	127	1	**127**	0	127	1	**127**	0	127	1	**127**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	1083	2	379	-1	1082	379	76	1172	2	586	-1	1171	2	586	0	1171	2	586
WESTBOUND Through-Right		1							0				0				0	
WESTBOUND Right	55	0	55	0	55	55	11	67	1	67	0	67	1	67	0	67	1	67
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		434	North-South:		441	North-South:			475	North-South:			482	North-South:			482
	East-West:		457	East-West:		470	East-West:			646	East-West:			666	East-West:			666
	SUM:		891	SUM:		911	SUM:			1121	SUM:			1148	SUM:			1148
VOLUME/CAPACITY (V/C) RATIO:			0.625			0.639				0.787				0.806				0.806
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.555			0.569				0.687				0.706				0.706
LEVEL OF SERVICE (LOS):			A			A				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.019 Δv/c after mitigation: 0.019

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
140	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	96	1	**96**	0	96	**96**	67	164	1	**164**	0	164	1	**164**	0	164	1	**164**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	922	2	323	0	922	323	224	1157	2	401	0	1157	2	402	0	1157	2	402
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	46	0	46	2	48	48	0	47	0	47	2	49	0	49	0	49	0	49
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	95	1	95	4	99	99	4	100	1	100	4	104	1	104	0	104	1	104
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	926	2	**463**	39	965	**483**	261	1198	2	**599**	39	1237	2	**619**	0	1237	2	**619**
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	90	1	0	0	90	0	43	134	1	0	0	134	1	0	0	134	1	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	114	1	**114**	0	114	**114**	61	176	1	**176**	0	176	1	**176**	0	176	1	**176**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	531	2	191	41	572	204	86	623	2	248	41	664	2	262	0	664	2	262
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	41	0	41	0	41	41	80	121	0	121	0	121	0	121	0	121	0	121
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	87	1	87	0	87	87	18	106	1	106	0	106	1	106	0	106	1	106
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	677	2	**253**	-1	676	**253**	77	762	2	**283**	-1	761	2	**283**	0	761	2	**283**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	83	0	83	0	83	83	4	88	0	88	0	88	0	88	0	88	0	88
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		559	North-South:		579	North-South:			763	North-South:			783	North-South:			783
	East-West:		367	East-West:		367	East-West:			459	East-West:			459	East-West:			459
	SUM:		926	SUM:		946	SUM:			1222	SUM:			1242	SUM:			1242
VOLUME/CAPACITY (V/C) RATIO:			0.673			0.688				0.889				0.903				0.903
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.603			0.618				0.789				0.803				0.803
LEVEL OF SERVICE (LOS):			B			B				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.014 Δv/c after mitigation: 0.014

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	141	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1	1	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
	Left-Through		1							1				1				1	
	Through	806	1	**317**	0	806	**317**	109	925	1	**377**	0	925	1	**377**	0	925	1	**377**
	Through-Right		1							1				1				1	
	Right	86	0	317	0	86	317	59	146	0	377	0	146	0	377	0	146	0	377
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	25	0	**25**	0	25	**25**	0	25	0	**25**	0	25	0	**25**	0	25	0	**25**
	Left-Through		1							1				1				1	
	Through	726	1	310	36	762	322	102	837	1	364	36	873	1	376	0	873	1	376
	Through-Right		1							1				1				1	
	Right	104	0	310	0	104	322	0	105	0	364	0	105	0	376	0	105	0	376
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	85	1	**85**	0	85	**85**	0	86	1	**86**	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	487	1	263	36	523	287	56	549	1	294	36	585	1	**318**	0	585	1	**318**
	Through-Right		1							1				1				1	
	Right	39	0	39	12	51	51	0	39	0	39	12	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	67	1	67	0	67	67	44	112	1	112	0	112	1	**112**	0	112	1	**112**
	Left-Through		0							0				0				0	
	Through	515	1	**295**	-1	514	**294**	72	593	1	**336**	-1	592	1	335	0	592	1	335
	Through-Right		1							1				1				1	
	Right	74	0	74	0	74	74	3	78	0	78	0	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		342	*North-South:*		342	*North-South:*			402	*North-South:*			402	*North-South:*			402
		East-West:		380	*East-West:*		379	*East-West:*			422	*East-West:*			430	*East-West:*			430
		SUM:		722	*SUM:*		721	*SUM:*			824	*SUM:*			832	*SUM:*			832
VOLUME/CAPACITY (*V/C*) RATIO:				0.481			0.481				0.549				0.555				0.555
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.411			0.411				0.449				0.455				0.455
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.006 — *Δv/c* after mitigation: 0.006

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	142	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	67	1	67	0	67	**67**	7	75	1	**75**	0	75	1	**75**	0	75	1	**75**
	Left-Through		0							0				0				0	
	Through	1088	1	**576**	2	1090	577	233	1334	1	699	2	1336	1	700	0	1336	1	700
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	0	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	48	1	**48**	0	48	48	11	60	1	60	0	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	983	1	553	39	1022	**573**	245	1240	1	**690**	39	1279	1	**710**	0	1279	1	**710**
	Through-Right		1							1				1				1	
	Right	123	0	123	0	123	123	16	140	0	140	0	140	0	140	0	140	0	140
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	46	0	**46**	0	46	**46**	19	66	0	66	0	66	0	66	0	66	0	66
	Left-Through		1							1				1				1	
	Through	384	0	280	0	384	280	158	547	0	**452**	0	547	0	**452**	0	547	0	**452**
	Through-Right		1							1				1				1	
	Right	83	0	280	0	83	280	9	93	0	452	0	93	0	452	0	93	0	452
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	23	0	23	0	23	23	0	23	0	**23**	0	23	0	**23**	0	23	0	**23**
	Left-Through		1							1				1				1	
	Through	401	0	**258**	0	401	**258**	137	543	0	357	0	543	0	357	0	543	0	357
	Through-Right		1							1				1				1	
	Right	68	0	258	0	68	258	10	79	0	357	0	79	0	357	0	79	0	357
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		624	*North-South:*		640	*North-South:*			765	*North-South:*			785	*North-South:*			785
		East-West:		304	*East-West:*		304	*East-West:*			475	*East-West:*			475	*East-West:*			475
		SUM:		928	*SUM:*		944	*SUM:*			1240	*SUM:*			1260	*SUM:*			1260
VOLUME/CAPACITY (*V/C*) RATIO:				0.619			0.629				0.827				0.840				0.840
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.519			0.529				0.727				0.740				0.740
LEVEL OF SERVICE (LOS):				A			A				C				C				C

PROJECT IMPACT

Change in *v/c* due to project: 0.013 — *Δv/c* after mitigation: 0.013

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	143	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	51	0	51	0	51	51	0	52	0	52	0	52	0	**52**	0	52	0	**52**
	Left-Through		1							1				1				1	
	Through	747	1	**352**	0	747	**352**	160	916	1	**410**	0	916	1	410	0	916	1	410
	Through-Right		1							1				1				1	
	Right	106	0	352	0	106	352	0	107	0	410	0	107	0	410	0	107	0	410
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	0	**36**	33	69	**69**	0	36	0	**36**	33	69	0	69	0	69	0	69
	Left-Through		1							1				1				1	
	Through	667	1	292	15	682	341	145	820	1	369	15	835	1	**440**	0	835	1	**440**
	Through-Right		1							1				1				1	
	Right	66	0	292	0	66	341	5	72	0	369	0	72	0	440	0	72	0	440
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	48	1	**48**	0	48	**48**	7	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	269	1	269	0	269	269	202	474	1	**474**	0	474	1	**474**	0	474	1	**474**
	Through-Right		0							1				1				1	
	Right	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	45	1	45	0	45	45	0	46	1	**46**	0	46	1	**46**	0	46	1	**46**
	Left-Through		0							0				0				0	
	Through	458	1	**272**	0	458	**272**	169	633	1	361	0	633	1	361	0	633	1	361
	Through-Right		1							1				1				1	
	Right	85	0	85	0	85	85	3	89	0	89	0	89	0	89	0	89	0	89
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		388	*North-South:*		421	*North-South:*			446	*North-South:*			492	*North-South:*			492
		East-West:		320	*East-West:*		320	*East-West:*			520	*East-West:*			520	*East-West:*			520
		SUM:		708	*SUM:*		741	*SUM:*			966	*SUM:*			1012	*SUM:*			1012
VOLUME/CAPACITY (*V/C*) RATIO:				0.472			0.494				0.644				0.675				0.675
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.372			0.394				0.544				0.575				0.575
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.031 — *Δv/c* after mitigation: 0.031

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	144	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases		4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		3	3	3	3
ATSAC-1 or ATSAC+ATCS-2?		0	0	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	101	1	101	0	101	101	0	102	1	102	0	102	1	102	0	102	1	102
	Left-Through		0							0				0				0	
	Through	746	2	**373**	2	748	**374**	140	895	2	**448**	2	897	2	**449**	0	897	2	**449**
	Through-Right		0							0				0				0	
	Right	71	1	0	9	80	0	14	86	1	0	9	95	1	0	0	95	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	160	1	**160**	18	178	**178**	14	176	1	**176**	18	194	1	**194**	0	194	1	**194**
	Left-Through		0							0				0				0	
	Through	604	2	302	21	625	313	111	722	2	361	21	743	2	372	0	743	2	372
	Through-Right		0							0				0				0	
	Right	89	1	0	0	89	0	0	90	1	0	0	90	1	0	0	90	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	92	1	**92**	0	92	92	0	93	1	93	0	93	1	93	0	93	1	93
	Left-Through		0							0				0				0	
	Through	578	2	205	156	734	**257**	211	796	2	**278**	156	952	2	**330**	0	952	2	**330**
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	83	1	83	0	83	**83**	11	95	1	**95**	0	95	1	**95**	0	95	1	**95**
	Left-Through		0							0				0				0	
	Through	511	2	**210**	0	511	210	169	686	2	273	0	686	2	273	0	686	2	273
	Through-Right		1							1				1				1	
	Right	120	0	120	0	120	120	11	132	0	132	0	132	0	132	0	132	0	132
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		533	*North-South:*		552	*North-South:*			624	*North-South:*			643	*North-South:*			643
		East-West:		302	*East-West:*		340	*East-West:*			373	*East-West:*			425	*East-West:*			425
		SUM:		835	*SUM:*		892	*SUM:*			997	*SUM:*			1068	*SUM:*			1068
VOLUME/CAPACITY (*V/C*) RATIO:				0.607			0.649				0.725				0.777				0.777
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.507			0.549				0.625				0.677				0.677
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in *v/c* due to project: 0.052 — *Δv/c* after mitigation: 0.052

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	145	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0

	Existing Condition			Existing Plus Project			Future Condition W/O Project				Future Condition W/ Project				Future W/ Project W/ Mitigation			
Movement	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NB Left	87	1	87	0	87	87	63	151	1	151	0	151	1	151	0	151	1	151
NB Left-Through		0							0				0				0	
NB Through	553	1	340	0	553	341	33	593	1	370	0	593	1	371	0	593	1	371
NB Through-Right		1							1				1				1	
NB Right	126	0	126	2	128	128	18	146	0	146	2	148	0	148	0	148	0	148
NB Left-Through-Right		0							0				0				0	
NB Left-Right		0							0				0				0	
SB Left	76	1	76	5	81	81	16	93	1	93	5	98	1	98	0	98	1	98
SB Left-Through		0							0				0				0	
SB Through	557	2	279	5	562	281	27	591	2	296	5	596	2	298	0	596	2	298
SB Through-Right		0							0				0				0	
SB Right	92	1	60	0	92	60	29	122	1	77	0	122	1	77	0	122	1	77
SB Left-Through-Right		0							0				0				0	
SB Left-Right		0							0				0				0	
EB Left	65	1	65	0	65	65	24	90	1	90	0	90	1	90	0	90	1	90
EB Left-Through		0							0				0				0	
EB Through	1164	2	423	183	1347	484	229	1407	2	521	183	1590	2	582	0	1590	2	582
EB Through-Right		1							1				1				1	
EB Right	104	0	104	0	104	104	51	156	0	156	0	156	0	156	0	156	0	156
EB Left-Through-Right		0							0				0				0	
EB Left-Right		0							0				0				0	
WB Left	78	1	78	0	78	78	18	97	1	97	0	97	1	97	0	97	1	97
WB Left-Through		0							0				0				0	
WB Through	1236	2	434	0	1236	434	203	1454	2	511	0	1454	2	511	0	1454	2	511
WB Through-Right		1							1				1				1	
WB Right	66	0	66	0	66	66	11	78	0	78	0	78	0	78	0	78	0	78
WB Left-Through-Right		0							0				0				0	
WB Left-Right		0							0				0				0	
Critical Volumes		North-South:	416		North-South:	422		North-South:		463		North-South:		469		North-South:		469
		East-West:	501		East-West:	562		East-West:		618		East-West:		679		East-West:		679
		SUM:	917		SUM:	984		SUM:		1081		SUM:		1148		SUM:		1148
Volume/Capacity (v/c) Ratio:			0.611			0.656				0.721				0.765				0.765
v/c less ATSAC/ATCS Adjustment:			0.511			0.556				0.621				0.665				0.665
Level of Service (LOS):			A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.044 — Δv/c after mitigation: 0.044

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	146	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		3	0	0	0

	Existing Condition			Existing Plus Project			Future Condition W/O Project				Future Condition W/ Project				Future W/ Project W/ Mitigation			
Movement	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NB Left	109	1	109	0	109	109	44	154	1	154	0	154	1	154	0	154	1	154
NB Left-Through		0							0				0				0	
NB Through	1063	2	532	2	1065	533	207	1283	2	642	2	1285	2	643	0	1285	2	643
NB Through-Right		1							1				1				1	
NB Right	77	1	0	31	108	27	1	79	1	0	31	110	1	27	0	110	1	27
NB Left-Through-Right		0							0				0				0	
NB Left-Right		0							0				0				0	
SB Left	140	1	140	18	158	158	16	158	1	158	18	176	1	176	0	176	1	176
SB Left-Through		0							0				0				0	
SB Through	921	1	535	21	942	545	213	1145	1	660	21	1166	1	670	0	1166	1	670
SB Through-Right		1							1				1				0	
SB Right	148	0	148	0	148	148	24	174	0	174	0	174	0	174	0	174	0	174
SB Left-Through-Right		0							0				0				0	
SB Left-Right		0							0				0				0	
EB Left	171	1	171	0	171	171	19	192	1	192	0	192	1	192	0	192	1	192
EB Left-Through		0							0				0				0	
EB Through	1172	2	586	190	1362	681	229	1415	2	708	190	1605	2	803	0	1605	2	803
EB Through-Right		0							0				0				0	
EB Right	69	1	15	0	69	15	43	113	1	36	0	113	1	36	0	113	1	36
EB Left-Through-Right		0							0				0				0	
EB Left-Right		0							0				0				0	
WB Left	81	1	81	0	81	81	1	83	1	83	0	83	1	83	0	83	1	83
WB Left-Through		0							0				0				0	
WB Through	1015	2	379	0	1015	379	203	1230	2	455	0	1230	2	455	0	1230	2	455
WB Through-Right		1							1				1				1	
WB Right	122	0	122	0	122	122	13	136	0	136	0	136	0	136	0	136	0	136
WB Left-Through-Right		0							0				0				0	
WB Left-Right		0							0				0				0	
Critical Volumes		North-South:	672		North-South:	691		North-South:		814		North-South:		824		North-South:		824
		East-West:	667		East-West:	762		East-West:		791		East-West:		886		East-West:		886
		SUM:	1339		SUM:	1453		SUM:		1605		SUM:		1710		SUM:		1710
Volume/Capacity (v/c) Ratio:			0.974			1.057				1.167				1.244				1.244
v/c less ATSAC/ATCS Adjustment:			0.874			0.957				1.067				1.144				1.144
Level of Service (LOS):			D			E				F				F				F

PROJECT IMPACT

Change in v/c due to project: 0.077 — Δv/c after mitigation: 0.077

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	147	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	3	0	0

	Existing Condition			Existing Plus Project			Future Condition W/O Project				Future Condition W/ Project				Future W/ Project W/ Mitigation			
Movement	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NB Left	123	1	123	0	123	123	0	124	1	124	0	124	1	124	0	124	1	124
NB Left-Through		0							0				0				0	
NB Through	622	1	371	0	622	490	152	782	1	466	0	782	1	587	0	782	1	587
NB Through-Right		1							1				1				1	
NB Right	119	0	119	239	358	358	30	150	0	150	241	391	0	391	0	391	0	391
NB Left-Through-Right		0							0				0				0	
NB Left-Right		0							0				0				0	
SB Left	135	1	135	5	140	140	5	142	1	142	5	147	1	147	0	147	1	147
SB Left-Through		0							0				0				0	
SB Through	518	2	259	10	528	264	134	658	2	329	10	668	2	334	0	668	2	334
SB Through-Right		0							0				0				0	
SB Right	170	1	7	0	170	7	3	175	1	8	0	175	1	8	0	175	1	8
SB Left-Through-Right		0							0				0				0	
SB Left-Right		0							0				0				0	
EB Left	163	1	163	0	163	163	2	167	1	167	0	167	1	167	0	167	1	167
EB Left-Through		0							0				0				0	
EB Through	975	2	342	204	1179	425	239	1226	2	426	204	1430	2	509	0	1430	2	509
EB Through-Right		1							1				1				1	
EB Right	50	0	50	47	97	97	0	51	0	51	47	98	0	98	0	98	0	98
EB Left-Through-Right		0							0				0				0	
EB Left-Right		0							0				0				0	
WB Left	93	1	93	0	93	93	35	129	1	129	0	129	1	129	0	129	1	129
WB Left-Through		0							0				0				0	
WB Through	841	2	317	-3	838	316	210	1061	2	393	-3	1058	2	392	0	1058	2	392
WB Through-Right		1							1				1				1	
WB Right	111	0	111	0	111	111	5	117	0	117	0	117	0	117	0	117	0	117
WB Left-Through-Right		0							0				0				0	
WB Left-Right		0							0				0				0	
Critical Volumes		North-South:	506		North-South:	630		North-South:		608		North-South:		734		North-South:		734
		East-West:	480		East-West:	518		East-West:		560		East-West:		638		East-West:		638
		SUM:	986		SUM:	1148		SUM:		1168		SUM:		1372		SUM:		1372
Volume/Capacity (v/c) Ratio:			0.717			0.835				0.849				0.998				0.998
v/c less ATSAC/ATCS Adjustment:			0.617			0.735				0.749				0.898				0.898
Level of Service (LOS):			B			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.149 — Δv/c after mitigation: 0.149

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	148	North-South Street:	Union	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0

	Existing Condition			Existing Plus Project			Future Condition W/O Project				Future Condition W/ Project				Future W/ Project W/ Mitigation			
Movement	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NB Left	97	1	97	0	97	97	0	98	1	98	0	98	1	98	0	98	1	98
NB Left-Through		0							0				0				0	
NB Through	466	0	500	0	466	500	1	473	0	507	0	473	0	507	0	473	0	507
NB Through-Right		1							1				1				1	
NB Right	34	0	0	0	34	0	0	34	0	0	0	34	0	0	0	34	0	0
NB Left-Through-Right		0							0				0				0	
NB Left-Right		0							0				0				0	
SB Left	89	1	89	0	89	89	0	90	1	90	0	90	1	90	0	90	1	90
SB Left-Through		0							0				0				0	
SB Through	421	1	421	0	421	421	1	427	1	427	0	427	1	427	0	427	1	427
SB Through-Right		0							0				0				0	
SB Right	150	1	89	0	150	89	0	152	1	90	0	152	1	90	0	152	1	90
SB Left-Through-Right		0							0				0				0	
SB Left-Right		0							0				0				0	
EB Left	123	1	123	0	123	123	0	124	1	124	0	124	1	124	0	124	1	124
EB Left-Through		0							0				0				0	
EB Through	953	2	335	449	1402	484	274	1238	2	430	451	1689	2	580	0	1689	2	580
EB Through-Right		1							1				1				1	
EB Right	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
EB Left-Through-Right		0							0				0				0	
EB Left-Right		0							0				0				0	
WB Left	47	1	47	79	126	126	0	48	1	48	87	135	1	135	0	135	1	135
WB Left-Through		0							0				0				0	
WB Through	738	2	268	-3	735	267	250	997	2	359	-3	994	2	358	0	994	2	358
WB Through-Right		1							1				1				1	
WB Right	65	0	65	0	65	65	13	79	0	79	0	79	0	79	0	79	0	79
WB Left-Through-Right		0							0				0				0	
WB Left-Right		0							0				0				0	
Critical Volumes		North-South:	589		North-South:	589		North-South:		597		North-South:		597		North-South:		597
		East-West:	391		East-West:	610		East-West:		483		East-West:		715		East-West:		715
		SUM:	980		SUM:	1199		SUM:		1080		SUM:		1312		SUM:		1312
Volume/Capacity (v/c) Ratio:			0.653			0.799				0.720				0.875				0.875
v/c less ATSAC/ATCS Adjustment:			0.553			0.699				0.620				0.775				0.775
Level of Service (LOS):			A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.155 — Δv/c after mitigation: 0.155

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
149	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	77	1	77	0	77	77	0	78	1	78	0	78	1	78	0	78	1	78
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	943	1	510	11	954	517	140	1094	1	586	11	1105	1	593	0	1105	1	593
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	77	0	77	2	79	79	0	78	0	78	2	80	0	80	0	80	0	80
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	66	1	66	4	70	70	0	67	1	67	4	71	1	71	0	71	1	71
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	995	1	547	17	1012	555	111	1118	1	614	17	1135	1	623	0	1135	1	623
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	98	0	98	0	98	98	11	110	0	110	0	110	0	110	0	110	0	110
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	113	1	113	0	113	113	14	128	1	128	0	128	1	128	0	128	1	128
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	547	1	327	31	578	343	114	668	1	388	31	699	1	404	0	699	1	404
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	107	0	107	0	107	107	0	108	0	108	0	108	0	108	0	108	0	108
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	91	1	91	0	91	91	0	92	1	92	0	92	1	92	0	92	1	92
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	461	1	274	0	461	274	91	558	1	323	0	558	1	323	0	558	1	323
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	86	0	86	0	86	86	0	87	0	87	0	87	0	87	0	87	0	87
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		624	North-South:		632	North-South:			692	North-South:			701	North-South:			701
	East-West:		418	East-West:		434	East-West:			480	East-West:			496	East-West:			496
	SUM:		1042	SUM:		1066	SUM:			1172	SUM:			1197	SUM:			1197
VOLUME/CAPACITY (V/C) RATIO:			0.695			0.711				0.781				0.798				0.798
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.595			0.611				0.681				0.698				0.698
LEVEL OF SERVICE (LOS):			A			B				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.017 Δv/c after mitigation: 0.017

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
150	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	697	0	501	3	700	502	99	804	0	555	3	807	0	557	0	807	0	557
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	140	0	501	0	140	502	0	142	0	555	0	142	0	557	0	142	0	557
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	26	0	26	1	27	27	9	35	0	35	1	36	0	36	0	36	0	36
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	703	0	424	4	707	428	84	795	0	489	4	799	0	493	0	799	0	493
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	40	0	424	0	40	428	3	43	0	489	0	43	0	493	0	43	0	493
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	33	1	33	0	33	33	4	37	1	37	0	37	1	37	0	37	1	37
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	531	1	310	37	568	328	109	646	1	368	37	683	1	386	0	683	1	386
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	88	0	88	0	88	88	0	89	0	89	0	89	0	89	0	89	0	89
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	111	1	111	0	111	111	0	112	1	112	0	112	1	112	0	112	1	112
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	526	1	290	0	526	290	88	620	1	343	0	620	1	343	0	620	1	343
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	54	0	54	0	54	54	11	66	0	66	0	66	0	66	0	66	0	66
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		527	North-South:		529	North-South:			590	North-South:			593	North-South:			593
	East-West:		421	East-West:		439	East-West:			480	East-West:			498	East-West:			498
	SUM:		948	SUM:		968	SUM:			1070	SUM:			1091	SUM:			1091
VOLUME/CAPACITY (V/C) RATIO:			0.632			0.645				0.713				0.727				0.727
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.532			0.545				0.613				0.627				0.627
LEVEL OF SERVICE (LOS):			A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.014 Δv/c after mitigation: 0.014

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
151	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	77	1	77	0	77	77	0	78	1	78	0	78	1	78	0	78	1	78
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1087	1	601	33	1120	661	249	1349	1	732	33	1382	1	792	0	1382	1	792
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	114	0	114	87	201	201	0	115	0	115	87	202	0	202	0	202	0	202
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	54	1	54	4	58	58	2	57	1	57	4	61	1	61	0	61	1	61
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	966	1	524	17	983	533	255	1233	1	659	17	1250	1	667	0	1250	1	667
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	82	0	82	0	82	82	1	84	0	84	0	84	0	84	0	84	0	84
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	67	1	67	0	67	67	1	69	1	69	0	69	1	69	0	69	1	69
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	403	1	252	38	441	271	117	525	1	314	38	563	1	333	0	563	1	333
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	101	0	101	0	101	101	0	102	0	102	0	102	0	102	0	102	0	102
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	546	1	327	0	546	327	98	651	1	381	0	651	1	381	0	651	1	381
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	108	0	108	0	108	108	2	111	0	111	0	111	0	111	0	111	0	111
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		655	North-South:		719	North-South:			789	North-South:			853	North-South:			853
	East-West:		394	East-West:		394	East-West:			450	East-West:			450	East-West:			450
	SUM:		1049	SUM:		1113	SUM:			1239	SUM:			1303	SUM:			1303
VOLUME/CAPACITY (V/C) RATIO:			0.699			0.742				0.826				0.869				0.869
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.599			0.642				0.726				0.769				0.769
LEVEL OF SERVICE (LOS):			A			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.043 Δv/c after mitigation: 0.043

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
152	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	514	0	336	87	601	506	174	694	0	438	87	781	0	608	0	781	0	608
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	61	0	336	253	314	506	23	85	0	438	253	338	0	608	0	338	0	608
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	98	1	98	56	154	154	1	100	1	100	56	156	1	156	0	156	1	156
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	499	1	325	0	499	325	162	667	1	413	0	667	1	413	0	667	1	413
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	151	0	151	0	151	151	6	159	0	159	0	159	0	159	0	159	0	159
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	153	1	153	152	305	305	7	162	1	162	154	316	1	316	0	316	1	316
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	544	1	287	-22	522	276	111	662	1	346	-24	638	1	334	0	638	1	334
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	108	1	108	-10	98	98	2	111	1	111	-10	101	1	101	0	101	1	101
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	712	1	427	-3	709	425	94	815	1	480	-3	812	1	478	0	812	1	478
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	141	0	141	0	141	141	1	144	0	144	0	144	0	144	0	144	0	144
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		434	North-South:		660	North-South:			538	North-South:			764	North-South:			764
	East-West:		580	East-West:		730	East-West:			642	East-West:			794	East-West:			794
	SUM:		1014	SUM:		1390	SUM:			1180	SUM:			1558	SUM:			1558
VOLUME/CAPACITY (V/C) RATIO:			0.712			0.975				0.828				1.093				1.093
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.612			0.875				0.728				0.993				0.993
LEVEL OF SERVICE (LOS):			B			D				C				E				E

PROJECT IMPACT

Change in v/c due to project: 0.265 Δv/c after mitigation: 0.265

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	153	North-South Street:	Pico	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Union	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	64	1	64	0	64	64	0	65	1	65	0	65	1	65	0	65	1	65
	Left-Through		0							0				0				0	
	Through	361	0	404	0	361	404	0	365	0	409	0	365	0	409	0	365	0	409
	Through-Right		1							1				1				1	
	Right	43	0	0	0	43	0	0	44	0	0	0	44	0	0	0	44	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	86	1	86	0	86	86	1	88	1	88	0	88	1	88	0	88	1	88
	Left-Through		0							0				0				0	
	Through	332	1	332	0	332	332	0	336	1	336	0	336	1	336	0	336	1	336
	Through-Right		0							0				0				0	
	Right	112	1	69	0	112	69	0	113	1	69	0	113	1	69	0	113	1	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	87	1	87	0	87	87	0	88	1	88	0	88	1	88	0	88	1	88
	Left-Through		0							0				0				0	
	Through	474	1	263	287	761	407	134	614	1	334	285	899	1	476	0	899	1	476
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	53	1	53	0	53	53	9	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	754	1	469	-13	741	462	95	858	1	522	-13	845	1	516	0	845	1	516
	Through-Right		1							1				1				1	
	Right	183	0	183	0	183	183	1	186	0	186	0	186	0	186	0	186	0	186
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		490	North-South:		490	North-South:			497	North-South:			497	North-South:			497
		East-West:		556	East-West:		549	East-West:			610	East-West:			604	East-West:			604
		SUM:		1046	SUM:		1039	SUM:			1107	SUM:			1101	SUM:			1101
VOLUME/CAPACITY (V/C) RATIO:				0.697			0.693				0.738				0.734				0.734
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.597			0.593				0.638				0.634				0.634
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: -0.004 | Δv/c after mitigation: -0.004
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	154	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Alvarado	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 1 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	662	2	331	11	673	337	113	783	2	392	11	794	2	397	0	794	2	397
	Through-Right		1							1				1				1	
	Right	498	1	0	287	785	0	198	702	1	0	287	989	1	0	0	989	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	674	2	337	4	678	339	25	707	2	354	4	711	2	356	0	711	2	356
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	574	1	292	-13	561	285	164	745	1	377	-13	732	1	371	0	732	1	371
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	9	0	292	0	9	285	0	9	0	377	0	9	0	371	0	9	0	371
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
CRITICAL VOLUMES		North-South:		337	North-South:		339	North-South:			392	North-South:			397	North-South:			397
		East-West:		292	East-West:		285	East-West:			377	East-West:			371	East-West:			371
		SUM:		629	SUM:		624	SUM:			769	SUM:			768	SUM:			768
VOLUME/CAPACITY (V/C) RATIO:				0.419			0.416				0.513				0.512				0.512
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.319			0.316				0.413				0.412				0.412
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: -0.001 | Δv/c after mitigation: -0.001
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	155	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	99	1	99	0	99	99	0	100	1	100	0	100	1	100	0	100	1	100
	Left-Through		0							0				0				0	
	Through	923	1	519	13	936	527	140	1074	1	595	13	1087	1	603	0	1087	1	603
	Through-Right		1							1				1				1	
	Right	114	0	114	4	118	118	0	115	0	115	4	119	0	119	0	119	0	119
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	51	1	51	9	60	60	0	52	1	52	9	61	1	61	0	61	1	61
	Left-Through		0							0				0				0	
	Through	637	2	319	9	646	323	111	756	2	378	9	765	2	383	0	765	2	383
	Through-Right		0							0				0				0	
	Right	57	1	35	0	57	35	0	58	1	36	0	58	1	36	0	58	1	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	44	1	44	0	44	44	0	45	1	45	0	45	1	45	0	45	1	45
	Left-Through		0							0				0				0	
	Through	284	1	173	107	391	226	50	337	1	200	107	444	1	253	0	444	1	253
	Through-Right		1							1				1				1	
	Right	61	0	61	0	61	61	0	62	0	62	0	62	0	62	0	62	0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	104	1	104	0	104	104	0	105	1	105	0	105	1	105	0	105	1	105
	Left-Through		0							0				0				0	
	Through	444	1	267	0	444	267	35	484	1	287	0	484	1	287	0	484	1	287
	Through-Right		1							1				1				1	
	Right	89	0	89	0	89	89	0	90	0	90	0	90	0	90	0	90	0	90
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		570	North-South:		587	North-South:			647	North-South:			664	North-South:			664
		East-West:		311	East-West:		330	East-West:			332	East-West:			358	East-West:			358
		SUM:		881	SUM:		917	SUM:			979	SUM:			1022	SUM:			1022
VOLUME/CAPACITY (V/C) RATIO:				0.587			0.611				0.653				0.681				0.681
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.487			0.511				0.553				0.581				0.581
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.028 | Δv/c after mitigation: 0.028
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	156	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	107	1	107	0	107	107	0	108	1	108	0	108	1	108	0	108	1	108
	Left-Through		0							0				0				0	
	Through	825	1	440	3	828	442	99	934	1	495	3	937	1	497	0	937	1	497
	Through-Right		1							1				1				1	
	Right	54	0	54	1	55	55	0	55	0	55	1	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	37	1	37	2	39	39	0	37	1	37	2	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	825	1	440	2	827	441	84	919	1	488	2	921	1	489	0	921	1	489
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	450	1	228	120	570	288	50	505	1	256	120	625	1	316	0	625	1	316
	Through-Right		1							1				1				1	
	Right	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	42	1	42	0	42	42	0	43	1	43	0	43	1	43	0	43	1	43
	Left-Through		0							0				0				0	
	Through	408	1	234	0	408	234	35	448	1	254	0	448	1	254	0	448	1	254
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		547	North-South:		548	North-South:			596	North-South:			597	North-South:			597
		East-West:		289	East-West:		330	East-West:			310	East-West:			359	East-West:			359
		SUM:		836	SUM:		878	SUM:			906	SUM:			956	SUM:			956
VOLUME/CAPACITY (V/C) RATIO:				0.557			0.585				0.604				0.637				0.637
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.457			0.485				0.504				0.537				0.537
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.033 | Δv/c after mitigation: 0.033
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	157	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	72	1	72	0	72	72	0	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	1022	1	563	120	1142	625	249	1283	1	694	120	1403	1	756	0	1403	1	756
	Through-Right		1							1				1				1	
	Right	103	0	103	4	107	107	0	104	0	104	4	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	86	1	86	9	95	95	0	87	1	87	9	96	1	96	0	96	1	96
	Left-Through		0							0				0				0	
	Through	963	1	514	9	972	518	255	1230	1	648	9	1239	1	652	0	1239	1	652
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	0	65	0	65	0	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	85	1	85	0	85	85	0	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	401	1	224	123	524	286	50	456	1	252	123	579	1	314	0	579	1	314
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	0	48	0	48	0	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	75	1	75	0	75	75	0	76	1	76	0	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	390	1	230	0	390	230	35	430	1	251	0	430	1	251	0	430	1	251
	Through-Right		1							1				1				1	
	Right	70	0	70	0	70	70	0	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		649	North-South:		720	North-South:			781	North-South:			852	North-South:			852
		East-West:		315	East-West:		361	East-West:			337	East-West:			390	East-West:			390
		SUM:		964	SUM:		1081	SUM:			1118	SUM:			1242	SUM:			1242
VOLUME/CAPACITY (V/C) RATIO:				0.643			0.721				0.745				0.828				0.828
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.543			0.621				0.645				0.728				0.728
LEVEL OF SERVICE (LOS):				A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.083 | Δv/c after mitigation: 0.083

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	158	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	83	1	83	0	83	83	0	84	1	84	0	84	1	84	0	84	1	84
	Left-Through		0							0				0				0	
	Through	992	2	353	264	1256	473	310	1314	2	462	264	1578	2	583	0	1578	2	583
	Through-Right		1							1				1				1	
	Right	67	0	67	97	164	164	5	73	0	73	97	170	0	170	0	170	0	170
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	53	1	53	2	55	55	0	54	1	54	2	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	1055	2	528	-11	1044	522	188	1256	2	628	-11	1245	2	623	0	1245	2	623
	Through-Right		1							1				1				1	
	Right	125	1	53	0	125	36	0	127	1	54	0	127	1	37	0	127	1	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	145	1	145	34	179	179	0	147	1	147	34	181	1	181	0	181	1	181
	Left-Through		0							0				0				0	
	Through	358	1	244	102	460	295	50	412	1	272	102	514	1	323	0	514	1	323
	Through-Right		1							1				1				1	
	Right	129	0	129	0	129	129	0	131	0	131	0	131	0	131	0	131	0	131
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	113	1	113	30	143	143	16	130	1	130	30	160	1	160	0	160	1	160
	Left-Through		0							0				0				0	
	Through	304	1	196	0	304	196	34	342	1	215	0	342	1	215	0	342	1	215
	Through-Right		1							1				1				1	
	Right	87	0	87	0	87	87	0	88	0	88	0	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		611	North-South:		605	North-South:			712	North-South:			707	North-South:			707
		East-West:		357	East-West:		438	East-West:			402	East-West:			483	East-West:			483
		SUM:		968	SUM:		1043	SUM:			1114	SUM:			1190	SUM:			1190
VOLUME/CAPACITY (V/C) RATIO:				0.679			0.732				0.782				0.835				0.835
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.579			0.632				0.682				0.735				0.735
LEVEL OF SERVICE (LOS):				A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.053 | Δv/c after mitigation: 0.053

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	159	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	87	1	87	0	87	87	0	88	1	88	0	88	1	88	0	88	1	88
	Left-Through		0							0				0				0	
	Through	1048	1	563	17	1065	573	140	1201	1	640	17	1218	1	650	0	1218	1	650
	Through-Right		1							1				1				1	
	Right	77	0	77	4	81	81	0	78	0	78	4	82	0	82	0	82	0	82
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	73	1	73	9	82	82	0	74	1	74	9	83	1	83	0	83	1	83
	Left-Through		0							0				0				0	
	Through	1075	1	588	0	1075	588	111	1199	1	651	0	1199	1	651	0	1199	1	651
	Through-Right		1							1				1				1	
	Right	101	0	101	0	101	101	0	102	0	102	0	102	0	102	0	102	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	91	1	91	0	91	91	0	92	1	92	0	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	461	2	193	109	570	229	108	575	2	231	109	684	2	268	0	684	2	268
	Through-Right		1							1				1				1	
	Right	118	0	118	0	118	118	0	119	0	119	0	119	0	119	0	119	0	119
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	92	1	92	0	92	92	0	93	1	93	0	93	1	93	0	93	1	93
	Left-Through		0							0				0				0	
	Through	377	2	161	0	377	161	96	478	2	195	0	478	2	195	0	478	2	195
	Through-Right		1							1				1				1	
	Right	107	0	107	0	107	107	0	108	0	108	0	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		675	North-South:		675	North-South:			739	North-South:			739	North-South:			739
		East-West:		285	East-West:		321	East-West:			324	East-West:			361	East-West:			361
		SUM:		960	SUM:		996	SUM:			1063	SUM:			1100	SUM:			1100
VOLUME/CAPACITY (V/C) RATIO:				0.698			0.724				0.773				0.800				0.800
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.598			0.624				0.673				0.700				0.700
LEVEL OF SERVICE (LOS):				A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.027 | Δv/c after mitigation: 0.027

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	160	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	136	1	136	0	136	136	0	138	1	138	0	138	1	138	0	138	1	138
	Left-Through		0							0				0				0	
	Through	900	1	518	4	904	521	99	1010	1	574	4	1014	1	577	0	1014	1	577
	Through-Right		1							1				1				1	
	Right	136	0	136	1	137	137	0	138	0	138	1	139	0	139	0	139	0	139
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	63	1	63	2	65	65	0	64	1	64	2	66	1	66	0	66	1	66
	Left-Through		0							0				0				0	
	Through	893	1	477	0	893	477	84	988	1	525	0	988	1	525	0	988	1	525
	Through-Right		1							1				1				1	
	Right	61	0	61	0	61	61	0	62	0	62	0	62	0	62	0	62	0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	54	1	54	0	54	54	0	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	425	2	188	122	547	228	108	538	2	226	122	660	2	267	0	660	2	267
	Through-Right		1							1				1				1	
	Right	138	0	138	0	138	138	0	140	0	140	0	140	0	140	0	140	0	140
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	103	1	103	0	103	103	0	104	1	104	0	104	1	104	0	104	1	104
	Left-Through		0							0				0				0	
	Through	332	2	131	0	332	131	96	432	2	164	0	432	2	164	0	432	2	164
	Through-Right		1							1				1				1	
	Right	60	0	60	0	60	60	0	61	0	61	0	61	0	61	0	61	0	61
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		613	North-South:		613	North-South:			663	North-South:			663	North-South:			663
		East-West:		291	East-West:		331	East-West:			330	East-West:			371	East-West:			371
		SUM:		904	SUM:		944	SUM:			993	SUM:			1034	SUM:			1034
VOLUME/CAPACITY (V/C) RATIO:				0.657			0.687				0.722				0.752				0.752
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.557			0.587				0.622				0.652				0.652
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.030 | Δv/c after mitigation: 0.030

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	161	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	3	0	0	2
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	2
ATSAC-1 or ATSAC+ATCS-2?				2
Override Capacity				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	95	1	95	0	95	95	0	96	1	96	0	96	1	96	0	96	1	96
	Left-Through		0							0				0				0	
	Through	1149	2	575	124	1273	637	249	1412	2	706	124	1536	2	768	0	1536	2	768
	Through-Right		0							0				0				0	
	Right	79	1	0	4	83	0	0	80	1	0	4	84	1	0	0	84	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	77	1	77	9	86	86	0	78	1	78	9	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	997	2	499	0	997	499	255	1264	2	632	0	1264	2	632	0	1264	2	632
	Through-Right		0							0				0				0	
	Right	67	1	24	0	67	24	0	68	1	25	0	68	1	25	0	68	1	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	86	1	86	0	86	86	0	87	1	87	0	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	478	2	239	125	603	302	108	592	2	296	125	717	2	359	0	717	2	359
	Through-Right		0							0				0				0	
	Right	69	1	22	0	69	22	0	70	1	22	0	70	1	22	0	70	1	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	158	1	158	0	158	158	0	160	1	160	0	160	1	160	0	160	1	160
	Left-Through		0							0				0				0	
	Through	521	2	184	0	521	184	96	623	2	218	0	623	2	218	0	623	2	218
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	0	30	0	30	0	30	0	30	0	30	0	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		652	North-South:		723	North-South:			784	North-South:			855	North-South:			855
		East-West:		397	East-West:		460	East-West:			456	East-West:			519	East-West:			519
		SUM:		1049	SUM:		1183	SUM:			1240	SUM:			1374	SUM:			1374
VOLUME/CAPACITY (V/C) RATIO:				0.763			0.860				0.902				0.999				0.999
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.663			0.760				0.802				0.899				0.899
LEVEL OF SERVICE (LOS):				B			C				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.097 | Δv/c after mitigation: 0.097
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	162	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?				2
Override Capacity				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	104	1	104	0	104	104	0	105	1	105	0	105	1	105	0	105	1	105
	Left-Through		0							0				0				0	
	Through	859	2	430	326	1185	593	299	1168	2	584	326	1494	2	747	0	1494	2	747
	Through-Right		0							0				0				0	
	Right	39	1	5	23	62	28	0	39	1	5	23	62	1	28	0	62	1	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	77	1	77	2	79	79	14	92	1	92	2	94	1	94	0	94	1	94
	Left-Through		0							0				0				0	
	Through	998	2	499	17	1015	508	190	1200	2	600	17	1217	2	609	0	1217	2	609
	Through-Right		0							0				0				0	
	Right	161	1	86	0	161	69	0	163	1	87	0	163	1	70	0	163	1	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	150	1	150	34	184	184	0	152	1	152	34	186	1	186	0	186	1	186
	Left-Through		0							0				0				0	
	Through	409	2	169	105	514	204	108	522	2	207	105	627	2	242	0	627	2	242
	Through-Right		1							1				1				1	
	Right	98	0	98	0	98	98	0	99	0	99	0	99	0	99	0	99	0	99
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	68	1	68	0	68	68	0	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	409	2	158	0	409	158	96	510	2	197	0	510	2	197	0	510	2	197
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	16	81	0	81	0	81	0	81	0	81	0	81
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		603	North-South:		672	North-South:			705	North-South:			841	North-South:			841
		East-West:		308	East-West:		342	East-West:			349	East-West:			383	East-West:			383
		SUM:		911	SUM:		1014	SUM:			1054	SUM:			1224	SUM:			1224
VOLUME/CAPACITY (V/C) RATIO:				0.639			0.712				0.740				0.859				0.859
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.539			0.612				0.640				0.759				0.759
LEVEL OF SERVICE (LOS):				A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.119 | Δv/c after mitigation: 0.119
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	163	North-South Street:	I-10 WB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	20th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	2	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	2	0	0	0
ATSAC-1 or ATSAC+ATCS-2?				2
Override Capacity				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	373	1	373	0	373	373	90	467	1	467	0	467	1	467	0	467	1	467
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	40	0	57	0	40	57	0	40	1	57	0	40	1	57	0	40	1	57
	Through-Right		1							1				1				1	
	Right	17	0	0	0	17	0	0	17	0	0	0	17	0	0	0	17	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	568	1	568	17	585	585	102	677	1	677	17	694	1	694	0	694	1	694
	Left-Through		0							0				0				0	
	Through	53	1	53	0	53	53	0	54	1	54	0	54	1	54	0	54	1	54
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		373	North-South:		373	North-South:			467	North-South:			467	North-South:			467
		East-West:		625	East-West:		642	East-West:			734	East-West:			751	East-West:			751
		SUM:		998	SUM:		1015	SUM:			1201	SUM:			1218	SUM:			1218
VOLUME/CAPACITY (V/C) RATIO:				0.665			0.677				0.801				0.812				0.812
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.565			0.577				0.701				0.712				0.712
LEVEL OF SERVICE (LOS):				A			A				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.011 | Δv/c after mitigation: 0.011
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	164	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	I-10 EB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?				2
Override Capacity				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1153	2	577	22	1175	588	159	1326	2	663	22	1348	2	674	0	1348	2	674
	Through-Right		0							0				0				0	
	Right	219	1	219	0	219	219	0	222	1	222	0	222	1	222	0	222	1	222
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	493	2	271	0	493	271	62	561	2	309	0	561	2	309	0	561	2	309
	Left-Through		0							0				0				0	
	Through	921	2	461	0	921	461	89	1021	2	511	0	1021	2	511	0	1021	2	511
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	356	1	356	107	463	463	99	459	1	459	107	566	1	566	0	566	1	566
	Left-Through		0							0				0				0	
	Through	18	1	297	0	18	297	0	18	1	360	0	18	1	360	0	18	1	360
	Through-Right		1							1				1				1	
	Right	279	0	0	0	279	0	60	342	0	0	0	342	0	0	0	342	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		848	North-South:		859	North-South:			972	North-South:			983	North-South:			983
		East-West:		356	East-West:		463	East-West:			459	East-West:			566	East-West:			566
		SUM:		1204	SUM:		1322	SUM:			1431	SUM:			1549	SUM:			1549
VOLUME/CAPACITY (V/C) RATIO:				0.845			0.928				1.004				1.087				1.087
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.745			0.828				0.904				0.987				0.987
LEVEL OF SERVICE (LOS):				C			D				E				E				E

PROJECT IMPACT

Change in v/c due to project: 0.083 | Δv/c after mitigation: 0.083
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	165	North-South Street:	I-10 EB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Hoover	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2				2			2
Override Capacity				0			0			0			0			0				0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	965	2	409	18	983	415	149	1126	2	464	18	1144	2	470	0	1144	2	470
	Through-Right		1							1				1				1	
	Right	262	0	262	0	262	262	0	265	0	265	0	265	0	265	0	265	0	265
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	323	1	323	0	323	323	5	332	1	332	0	332	1	332	0	332	1	332
	Left-Through		0							0				0				0	
	Through	830	3	277	0	830	277	113	953	3	318	0	953	3	318	0	953	3	318
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	394	1	317	331	725	482	90	489	1	375	331	820	1	540	0	820	1	540
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	239	0	317	0	239	482	18	260	0	375	0	260	0	540	0	260	0	540
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		732	North-South:		738	North-South:		796		North-South:		802		North-South:		802	
		East-West:		317	East-West:		482	East-West:		375		East-West:		540		East-West:		540	
		SUM:		1049	SUM:		1220	SUM:		1171		SUM:		1342		SUM:		1342	
VOLUME/CAPACITY (V/C) RATIO:				0.736			0.856			0.822				0.942				0.942	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.636			0.756			0.722				0.842				0.842	
LEVEL OF SERVICE (LOS):				B			C			C				D				D	

PROJECT IMPACT

Change in v/c due to project: 0.120 — Δv/c after mitigation: 0.120

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	166	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2				2			2
Override Capacity				0			0			0			0			0				0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
	Left-Through		1							1				1				1	
	Through	280	0	205	861	1141	636	149	432	0	282	863	1295	0	714	0	1295	0	714
	Through-Right		1							1				1				1	
	Right	28	0	205	0	28	636	0	28	0	282	0	28	0	714	0	28	0	714
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	30	0	30	0	30	30	5	35	0	35	0	35	0	35	0	35	0	35
	Left-Through		1							1				1				1	
	Through	313	0	198	0	313	258	171	488	0	295	0	488	0	365	0	488	0	365
	Through-Right		1							1				1				1	
	Right	23	0	198	0	23	258	9	32	0	295	0	32	0	365	0	32	0	365
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	12	0	12	52	64	64	0	12	0	12	52	64	0	64	0	64	0	64
	Left-Through		1							1				1				1	
	Through	288	0	171	6	294	305	3	294	0	174	6	300	0	308	0	300	0	308
	Through-Right		1							1				1				1	
	Right	29	0	171	31	60	305	0	29	0	174	31	60	0	308	0	60	0	308
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through		0							1				1				1	
	Through	360	1	221	158	518	392	21	385	0	237	158	543	0	408	0	543	0	408
	Through-Right		1							1				1				1	
	Right	24	0	221	183	207	392	7	31	0	237	183	214	0	408	0	214	0	408
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		249	North-South:		666	North-South:		347		North-South:		749		North-South:		749	
		East-West:		233	East-West:		456	East-West:		249		East-West:		472		East-West:		472	
		SUM:		482	SUM:		1122	SUM:		596		SUM:		1221		SUM:		1221	
VOLUME/CAPACITY (V/C) RATIO:				0.321			0.748			0.397				0.814				0.814	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.221			0.648			0.297				0.714				0.714	
LEVEL OF SERVICE (LOS):				A			B			A				C				C	

PROJECT IMPACT

Change in v/c due to project: 0.417 — Δv/c after mitigation: 0.417

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	167	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2				2			2
Override Capacity				0			0			0			0			0				0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	94	1	94	16	110	110	13	108	1	108	16	124	1	124	0	124	1	124
	Left-Through		0							0				0				0	
	Through	522	1	275	176	698	363	110	638	1	333	176	814	1	421	0	814	1	421
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	0	27	0	27	0	27	0	27	0	27	0	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	13	1	13	0	13	13	0	13	1	13	0	13	1	13	0	13	1	13
	Left-Through		0							0				0				0	
	Through	353	1	190	-2	351	189	119	476	1	253	-2	474	1	252	0	474	1	252
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	3	30	0	30	0	30	0	30	0	30	0	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through		1							1				1				1	
	Through	252	0	186	5	257	213	6	261	1	193	5	266	1	220	0	266	1	220
	Through-Right		1							1				1				1	
	Right	72	0	186	1	73	213	3	76	0	193	1	77	0	220	0	77	0	220
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	29	0	29	50	79	79	0	29	0	29	50	79	0	79	0	79	0	79
	Left-Through		1							1				1				1	
	Through	309	0	198	325	634	410	12	325	0	206	325	650	0	418	0	650	0	418
	Through-Right		1							1				1				1	
	Right	28	0	198	0	28	410	0	28	0	206	0	28	0	418	0	28	0	418
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		288	North-South:		376	North-South:		361		North-South:		434		North-South:		434	
		East-West:		222	East-West:		434	East-West:		230		East-West:		442		East-West:		442	
		SUM:		510	SUM:		810	SUM:		591		SUM:		876		SUM:		876	
VOLUME/CAPACITY (V/C) RATIO:				0.340			0.540			0.394				0.584				0.584	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.240			0.440			0.294				0.484				0.484	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.190 — Δv/c after mitigation: 0.190

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	168	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2				2			2
Override Capacity				0			0			0			0			0				0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	502	1	270	0	502	270	151	659	1	348	0	659	1	348	0	659	1	348
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	40	1	40	0	40	40	0	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	387	1	218	0	387	220	129	521	0	574	0	521	0	579	0	521	0	579
	Through-Right		1							1				1				1	
	Right	48	0	48	5	53	53	4	53	0	0	5	58	0	0	0	58	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	57	0	57	1	58	58	0	58	0	58	1	59	0	59	0	59	0	59
	Left-Through		1							1				1				1	
	Through	172	1	169	3	175	226	6	180	0	174	3	183	0	235	0	183	0	235
	Through-Right		1							1				1				1	
	Right	51	0	169	0	51	0	0	52	0	174	0	52	0	0	0	52	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	46	0	46	1	47	47	0	47	0	47	1	48	0	48	0	48	0	48
	Left-Through		1							1				1				1	
	Through	276	0	180	371	647	366	8	287	0	186	371	658	0	372	0	658	0	372
	Through-Right		1							1				1				1	
	Right	37	0	180	0	37	366	0	37	0	186	0	37	0	372	0	37	0	372
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		310	North-South:		310	North-South:		611		North-South:		616		North-South:		616	
		East-West:		237	East-West:		424	East-West:		244		East-West:		431		East-West:		431	
		SUM:		547	SUM:		734	SUM:		855		SUM:		1047		SUM:		1047	
VOLUME/CAPACITY (V/C) RATIO:				0.365			0.489			0.570				0.698				0.698	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.265			0.389			0.470				0.598				0.598	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.128 — Δv/c after mitigation: 0.128

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	169	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	23	0	**23**	0	23	**23**	0	23	0	**23**	0	23	0	**23**	0	23	0	**23**
	Left-Through		1							1				1				1	
	Through	340	0	203	0	340	203	30	374	0	220	0	374	0	220	0	374	0	220
	Through-Right		1							1				1				1	
	Right	20	0	203	0	20	203	0	20	0	220	0	20	0	220	0	20	0	220
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	25	0	25	0	25	25	0	25	0	25	0	25	0	25	0	25	0	25
	Left-Through		1							1				1				1	
	Through	445	0	**264**	0	445	**264**	24	474	0	**279**	0	474	0	**279**	0	474	0	**279**
	Through-Right		1							1				1				1	
	Right	33	0	264	0	33	264	0	33	0	279	0	33	0	279	0	33	0	279
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	38	0	**38**	0	38	**38**	0	38	0	**38**	0	38	0	**38**	0	38	0	**38**
	Left-Through		1							1				1				1	
	Through	162	0	147	0	162	185	0	164	0	149	0	164	0	187	0	164	0	187
	Through-Right		1							1				1				1	
	Right	56	0	147	0	56	185	0	57	0	149	0	57	0	187	0	57	0	187
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	32	0	32	173	205	205	0	32	0	32	173	205	0	205	0	205	0	205
	Left-Through		1							1				1				1	
	Through	326	0	**203**	372	698	**475**	8	338	0	**209**	372	710	0	**482**	0	710	0	**482**
	Through-Right		1							1				1				1	
	Right	47	0	203	0	47	475	0	48	0	209	0	48	0	482	0	48	0	482
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		287	*North-South:*		287	*North-South:*			302	*North-South:*			302	*North-South:*			302
		East-West:		241	*East-West:*		513	*East-West:*			247	*East-West:*			520	*East-West:*			520
		SUM:		528	*SUM:*		800	*SUM:*			549	*SUM:*			822	*SUM:*			822
VOLUME/CAPACITY (*V/C*) RATIO:				0.352			0.533				0.366				0.548				0.548
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.252			0.433				0.266				0.448				0.448
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.182 — *Δv/c* after mitigation: 0.182

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	170	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	113	1	**113**	0	113	**113**	0	114	1	**114**	0	114	1	**114**	0	114	1	**114**
	Left-Through		0							0				0				0	
	Through	412	2	206	0	412	206	0	417	2	209	0	417	2	209	0	417	2	209
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	847	1	**584**	0	847	**584**	0	857	1	**591**	0	857	1	**591**	0	857	1	**591**
	Through-Right		1							1				1				1	
	Right	321	0	321	0	321	321	0	325	0	325	0	325	0	325	0	325	0	325
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	77	1	**77**	0	77	**77**	0	78	1	**78**	0	78	1	**78**	0	78	1	**78**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	109	1	53	0	109	53	0	110	1	53	0	110	1	53	0	110	1	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	309	1	309	0	309	309	0	313	1	313	0	313	1	313	0	313	1	313
	Left-Through		0							0				0				0	
	Through	281	1	281	545	826	**632**	8	292	1	292	545	837	1	**640**	0	837	1	**640**
	Through-Right		1							1				1				1	
	Right	433	0	**433**	4	437	437	0	438	0	**438**	4	442	0	442	0	442	0	442
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		697	*North-South:*		697	*North-South:*			705	*North-South:*			705	*North-South:*			705
		East-West:		510	*East-West:*		709	*East-West:*			516	*East-West:*			718	*East-West:*			718
		SUM:		1207	*SUM:*		1406	*SUM:*			1221	*SUM:*			1423	*SUM:*			1423
VOLUME/CAPACITY (*V/C*) RATIO:				0.805			0.937				0.814				0.949				0.949
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.705			0.837				0.714				0.849				0.849
LEVEL OF SERVICE (LOS):				C			D				C				D				D

PROJECT IMPACT

Change in *v/c* due to project: 0.135 — *Δv/c* after mitigation: 0.135

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	171	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	171	1	**171**	8	179	**179**	0	173	1	**173**	8	181	1	**181**	0	181	1	**181**
	Left-Through		0							0				0				0	
	Through	409	2	205	74	483	242	46	460	2	230	74	534	2	267	0	534	2	267
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	635	1	**459**	2	637	**467**	64	707	1	**497**	2	709	1	**504**	0	709	1	**504**
	Through-Right		1							1				1				1	
	Right	283	0	283	13	296	296	0	286	0	286	13	299	0	299	0	299	0	299
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	278	0	278	0	278	278	0	281	0	281	0	281	0	281	0	281	0	281
	Left-Through		1							1				1				1	
	Through	253	2	127	174	427	214	8	264	2	132	174	438	2	219	0	438	2	219
	Through-Right		0							0				0				0	
	Right	304	1	**304**	0	304	**304**	0	308	1	**308**	0	308	1	**308**	0	308	1	**308**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		630	*North-South:*		646	*North-South:*			670	*North-South:*			685	*North-South:*			685
		East-West:		304	*East-West:*		304	*East-West:*			308	*East-West:*			308	*East-West:*			308
		SUM:		934	*SUM:*		950	*SUM:*			978	*SUM:*			993	*SUM:*			993
VOLUME/CAPACITY (*V/C*) RATIO:				0.655			0.667				0.686				0.697				0.697
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.555			0.567				0.586				0.597				0.597
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.011 — *Δv/c* after mitigation: 0.011

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	172	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	91	1	91	25	116	116	0	92	1	92	25	117	1	117	0	117	1	117
	Left-Through		0							0				0				0	
	Through	513	1	**296**	70	583	**331**	138	657	1	**368**	70	727	1	**403**	0	727	1	**403**
	Through-Right		1							1				1				1	
	Right	78	0	78	0	78	78	0	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	123	1	**123**	0	123	**123**	33	157	1	**157**	0	157	1	**157**	0	157	1	**157**
	Left-Through		0							0				0				0	
	Through	365	1	233	-4	361	234	131	500	1	303	-4	496	1	304	0	496	1	304
	Through-Right		1							1				1				1	
	Right	101	0	101	6	107	107	3	105	0	105	6	111	0	111	0	111	0	111
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	69	1	69	0	69	69	5	75	1	75	0	75	1	75	0	75	1	75
	Left-Through		0							0				0				0	
	Through	717	1	**379**	0	717	**380**	78	804	1	**423**	0	804	1	**424**	0	804	1	**424**
	Through-Right		1							1				1				1	
	Right	41	0	41	2	43	43	0	41	0	41	2	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	64	1	**64**	0	64	**64**	0	65	1	**65**	0	65	1	**65**	0	65	1	**65**
	Left-Through		0							0				0				0	
	Through	577	1	318	44	621	346	82	666	1	375	44	710	1	403	0	710	1	403
	Through-Right		1							1				1				1	
	Right	59	0	59	12	71	71	23	83	0	83	12	95	0	95	0	95	0	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		419	*North-South:*		454	*North-South:*			525	*North-South:*			560	*North-South:*			560
		East-West:		443	*East-West:*		444	*East-West:*			488	*East-West:*			489	*East-West:*			489
		SUM:		862	*SUM:*		898	*SUM:*			1013	*SUM:*			1049	*SUM:*			1049
VOLUME/CAPACITY (*V/C*) RATIO:				0.627			0.653				0.737				0.763				0.763
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.527			0.553				0.637				0.663				0.663
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in *v/c* due to project: 0.026 — *Δv/c* after mitigation: 0.026

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	173	North-South Street:	Wilson Place (ext. of Arlington)	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	75	1	75	0	75	75	0	76	1	76	0	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	695	1	381	0	695	381	0	703	1	385	0	703	1	385	0	703	1	385
	Through-Right		1							1				1				1	
	Right	66	0	66	0	66	66	0	67	0	67	0	67	0	67	0	67	0	67
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	41	1	41	0	41	41	0	41	1	41	0	41	1	41	0	41	1	41
	Left-Through		0							0				0				0	
	Through	704	1	410	0	704	410	0	712	1	414	0	712	1	414	0	712	1	414
	Through-Right		1							1				1				1	
	Right	115	0	115	0	115	115	0	116	0	116	0	116	0	116	0	116	0	116
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	133	1	133	0	133	133	0	135	1	135	0	135	1	135	0	135	1	135
	Left-Through		0							0				0				0	
	Through	715	2	260	33	748	271	95	819	2	295	33	852	2	306	0	852	2	306
	Through-Right		1							1				1				1	
	Right	65	0	65	0	65	65	0	66	0	66	0	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	128	1	128	0	128	128	0	130	1	130	0	130	1	130	0	130	1	130
	Left-Through		0							0				0				0	
	Through	725	2	259	0	725	259	86	820	2	291	0	820	2	291	0	820	2	291
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		485	North-South:		485	North-South:			490	North-South:			490	North-South:			490
		East-West:		392	East-West:		399	East-West:			426	East-West:			436	East-West:			436
		SUM:		877	SUM:		884	SUM:			916	SUM:			926	SUM:			926
VOLUME/CAPACITY (V/C) RATIO:				0.585			0.589				0.611				0.617				0.617
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.515			0.519				0.511				0.517				0.517
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.006 | Δv/c after mitigation: 0.006 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	174	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	75	1	75	0	75	75	0	76	1	76	0	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	576	2	288	0	576	288	0	583	2	292	0	583	2	292	0	583	2	292
	Through-Right		1							1				1				1	
	Right	93	1	47	0	93	47	0	94	1	48	0	94	1	48	0	94	1	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	99	1	99	0	99	99	0	100	1	100	0	100	1	100	0	100	1	100
	Left-Through		0							0				0				0	
	Through	597	2	299	0	597	299	0	604	2	302	0	604	2	302	0	604	2	302
	Through-Right		0							0				0				0	
	Right	136	1	82	0	136	82	0	138	1	84	0	138	1	84	0	138	1	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	108	1	108	0	108	108	0	109	1	109	0	109	1	109	0	109	1	109
	Left-Through		0							0				0				0	
	Through	818	3	273	156	974	325	211	1039	3	346	156	1195	3	398	0	1195	3	398
	Through-Right		0							0				0				0	
	Right	55	1	18	0	55	18	0	56	1	18	0	56	1	18	0	56	1	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	92	1	92	0	92	92	0	93	1	93	0	93	1	93	0	93	1	93
	Left-Through		0							0				0				0	
	Through	739	3	246	0	739	246	169	917	3	306	0	917	3	306	0	917	3	306
	Through-Right		0							0				0				0	
	Right	74	1	25	0	74	25	0	75	1	25	0	75	1	25	0	75	1	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		387	North-South:		387	North-South:			392	North-South:			392	North-South:			392
		East-West:		365	East-West:		417	East-West:			439	East-West:			491	East-West:			491
		SUM:		752	SUM:		804	SUM:			831	SUM:			883	SUM:			883
VOLUME/CAPACITY (V/C) RATIO:				0.501			0.536				0.554				0.589				0.589
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.401			0.436				0.454				0.489				0.489
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.035 | Δv/c after mitigation: 0.035 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	175	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	78	1	78	0	78	78	0	79	1	79	0	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	598	2	299	0	598	299	0	605	2	303	0	605	2	303	0	605	2	303
	Through-Right		0							0				0				0	
	Right	60	1	36	0	60	36	0	61	1	36	0	61	1	36	0	61	1	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	72	1	72	0	72	72	0	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	630	2	315	0	630	315	0	638	2	319	0	638	2	319	0	638	2	319
	Through-Right		0							0				0				0	
	Right	99	1	57	0	99	57	0	100	1	57	0	100	1	57	0	100	1	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	85	1	85	0	85	85	0	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	473	1	264	31	504	280	127	606	1	331	31	637	1	347	0	637	1	347
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	49	1	49	0	49	49	0	50	1	50	0	50	1	50	0	50	1	50
	Left-Through		0							0				0				0	
	Through	443	1	257	0	443	257	102	550	1	311	0	550	1	311	0	550	1	311
	Through-Right		1							1				1				1	
	Right	70	0	70	0	70	70	0	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		393	North-South:		393	North-South:			398	North-South:			398	North-South:			398
		East-West:		342	East-West:		342	East-West:			397	East-West:			397	East-West:			397
		SUM:		735	SUM:		735	SUM:			795	SUM:			795	SUM:			795
VOLUME/CAPACITY (V/C) RATIO:				0.490			0.490				0.530				0.530				0.530
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.390			0.390				0.430				0.430				0.430
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	176	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	47	0	47	0	47	47	0	48	0	48	0	48	0	48	0	48	0	48
	Left-Through		1							1				1				1	
	Through	667	0	457	0	667	457	0	675	0	464	0	675	0	464	0	675	0	464
	Through-Right		1							1				1				1	
	Right	59	0	457	0	59	457	0	60	0	464	0	60	0	464	0	60	0	464
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through		1							1				1				1	
	Through	712	0	474	0	712	474	0	721	0	481	0	721	0	481	0	721	0	481
	Through-Right		1							1				1				1	
	Right	68	0	474	0	68	474	0	69	0	481	0	69	0	481	0	69	0	481
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	48	1	48	0	48	48	0	49	1	49	0	49	1	49	0	49	1	49
	Left-Through		0							0				0				0	
	Through	478	2	239	107	585	293	50	534	2	267	107	641	2	321	0	641	2	321
	Through-Right		0							0				0				0	
	Right	110	1	110	0	110	110	0	111	1	111	0	111	1	111	0	111	1	111
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	59	1	59	0	59	59	0	60	1	60	0	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	481	1	262	0	481	262	35	522	1	283	0	522	1	283	0	522	1	283
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		521	North-South:		521	North-South:			529	North-South:			529	North-South:			529
		East-West:		310	East-West:		352	East-West:			332	East-West:			381	East-West:			381
		SUM:		831	SUM:		873	SUM:			861	SUM:			910	SUM:			910
VOLUME/CAPACITY (V/C) RATIO:				0.554			0.582				0.574				0.607				0.607
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.454			0.482				0.474				0.507				0.507
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.033 | Δv/c after mitigation: 0.033 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
177	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
	No. of Phases		2	2			2			2	2			2	2			2	2
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0			0			0	0			0	0			0	0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB-- EB-- 0 WB--	0	0	NB-- 0 SB-- EB-- 0 WB--		0	NB-- 0 SB-- EB-- 0 WB--		0	0	NB-- 0 SB-- EB-- 0 WB--		0	0	NB-- 0 SB-- EB-- 0 WB--		0	0
	ATSAC-1 or ATSAC+ATCS-2?		2	2			2			2	2			2	2			2	2
	Override Capacity		0	0			0			0	0			0	0			0	0
NORTHBOUND	Left	55	0	**55**	0	55	**55**	0	56	0	**56**	0	56	0	**56**	0	56	0	**56**
	Left-Through		1							1				1				1	
	Through	656	0	519	0	656	519	0	664	0	526	0	664	0	526	0	664	0	526
	Through-Right		1							1				1				1	
	Right	161	0	519	0	161	519	0	163	0	526	0	163	0	526	0	163	0	526
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through		1							1				1				1	
	Through	830	0	**506**	0	830	**506**	0	840	0	**511**	0	840	0	**511**	0	840	0	**511**
	Through-Right		1							1				1				1	
	Right	49	0	506	0	49	506	0	50	0	511	0	50	0	511	0	50	0	511
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	419	1	**267**	109	528	**321**	108	532	1	**324**	109	641	1	**378**	0	641	1	**378**
	Through-Right		1							1				1				1	
	Right	114	0	114	0	114	114	0	115	0	115	0	115	0	115	0	115	0	115
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	100	1	**100**	0	100	**100**	0	101	1	**101**	0	101	1	**101**	0	101	1	**101**
	Left-Through		0							0				0				0	
	Through	408	2	151	0	408	151	96	509	2	185	0	509	2	185	0	509	2	185
	Through-Right		1							1				1				1	
	Right	45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		561	*North-South:*		561	*North-South:*			567	*North-South:*			567	*North-South:*			567
		East-West:		367	*East-West:*		421	*East-West:*			425	*East-West:*			479	*East-West:*			479
		SUM:		928	*SUM:*		982	*SUM:*			992	*SUM:*			1046	*SUM:*			1046
	VOLUME/CAPACITY *(V/C)* RATIO:			0.619			0.655				0.661				0.697				0.697
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.519**			**0.555**				**0.561**				**0.597**				**0.597**
	LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project:	0.036	*Δv/c* after mitigation:	0.036
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	1	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3 SB--	EB-- 0 WB--	0	NB-- 3 SB--	EB-- 0 WB--	0	NB-- 3 SB--	EB-- 0 WB--	0	NB-- 3 SB--	EB-- 0 WB--	0	NB-- 3 SB--	EB-- 0 WB--	0	NB-- 3 SB--	EB-- 0 WB--	0	NB-- 3 SB--	EB-- 0 WB--	0	NB-- 3 SB--	EB-- 0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	31	0	**31**	132	163	**163**	82	113	0	**113**	132	245	0	**245**	0	245	0	**245**
	Left-Through		1							1				1				1	
	Through	45	1	38	250	295	**229**	41	87	1	87	250	337	1	291	0	337	1	291
	Through-Right		0							0				0				0	
	Right	77	1	0	33	110	0	22	100	1	0	33	133	1	0	0	133	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	19	0	19	1	20	**20**	0	19	0	19	1	20	0	20	0	20	0	20
	Left-Through		0							0				0				0	
	Through	8	0	**50**	0	8	51	0	8	0	**93**	0	8	0	**94**	0	8	0	**94**
	Through-Right		0							0				0				0	
	Right	23	0	0	0	23	0	43	66	0	0	0	66	0	0	0	66	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	218	1	**218**	76	294	**294**	109	330	1	**330**	76	406	1	**406**	0	406	1	**406**
	Left-Through		0							0				0				0	
	Through	812	3	271	228	1040	347	244	1066	3	355	318	1384	3	461	0	1384	3	461
	Through-Right		0							0				0				0	
	Right	37	1	37	0	37	37	16	53	1	0	0	53	1	53	0	53	1	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	132	1	132	110	242	242	20	154	1	154	110	264	1	264	0	264	1	264
	Left-Through		0							0				0				0	
	Through	926	2	**342**	462	1388	**496**	175	1112	2	**429**	472	1584	2	**586**	448	2032	2	**735**
	Through-Right		1							1				1				1	
	Right	101	0	101	0	101	101	72	174	0	174	0	174	0	174	0	174	0	174
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		81	North-South:		249	North-South:			206	North-South:			339	North-South:			339
		East-West:		560	East-West:		790	East-West:			759	East-West:			992	East-West:			1141
		SUM:		641	SUM:		1039	SUM:			965	SUM:			1331	SUM:			1480
VOLUME/CAPACITY (V/C) RATIO:				0.450			0.729				0.677				0.934				1.039
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.350			0.629				0.577				0.834				0.939
LEVEL OF SERVICE (LOS):				A			B				A				D				E

PROJECT IMPACT

Change in v/c due to project: 0.257 Δv/c after mitigation: 0.362

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	2	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			1			1			1			1			1			1			1		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3 SB--	EB-- 0 WB--	0	NB-- 3 SB--	EB-- 0 WB--	0	NB-- 3 SB--	EB-- 0 WB--	0	NB-- 3 SB--	EB-- 0 WB--	0	NB-- 3 SB--	EB-- 0 WB--	0	NB-- 3 SB--	EB-- 0 WB--	0	NB-- 3 SB--	EB-- 0 WB--	0	NB-- 3 SB--	EB-- 0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	21	0	21	0	21	21	0	21	0	21	0	21	0	21	0	21	0	21
	Left-Through		1							1				1				1	
	Through	16	0	**37**	0	16	**37**	0	16	0	**37**	0	16	0	**37**	0	16	0	**37**
	Through-Right		0							0				0				0	
	Right	30	1	0	47	77	0	0	30	1	0	47	77	1	0	0	77	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	1	11	42	53	53	57	68	1	**68**	42	110	1	**110**	0	110	1	**110**
	Left-Through		0							0				0				0	
	Through	8	0	**46**	0	8	**90**	0	8	0	46	0	8	0	90	0	8	0	90
	Through-Right		1							1				1				1	
	Right	38	0	0	44	82	0	0	38	0	0	44	82	0	0	0	82	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	47	1	**47**	0	47	47	0	48	1	**48**	0	48	1	48	0	48	1	**48**
	Left-Through		0							0				0				0	
	Through	827	2	287	187	1014	**374**	266	1103	2	379	277	1380	2	**496**	0	1380	2	496
	Through-Right		1							1				1				1	
	Right	34	0	34	75	109	109	0	34	0	34	75	109	0	109	0	109	0	109
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	62	1	62	252	314	**314**	0	63	1	63	252	315	1	**315**	0	315	1	315
	Left-Through		0							0				0				0	
	Through	1101	2	**382**	538	1639	561	266	1380	2	**498**	538	1918	2	678	448	2366	2	**827**
	Through-Right		1							1				1				1	
	Right	44	0	44	0	44	44	70	115	0	115	0	115	0	115	0	115	0	115
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		83	North-South:		127	North-South:			105	North-South:			147	North-South:			147
		East-West:		546	East-West:		688	East-West:			546	East-West:			811	East-West:			875
		SUM:		512	SUM:		815	SUM:			651	SUM:			958	SUM:			1022
VOLUME/CAPACITY (V/C) RATIO:				0.372			0.593				0.473				0.697				0.743
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.272			0.493				0.373				0.597				0.643
LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.224 Δv/c after mitigation: 0.270

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	3	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--	EB-- 3 WB--	0	NB-- 0 SB--	EB-- 3 WB--	0	NB-- 0 SB--	EB-- 3 WB--	0	NB-- 0 SB--	EB-- 3 WB--	0	NB-- 0 SB--	EB-- 3 WB--	0	NB-- 0 SB--	EB-- 3 WB--	0	NB-- 0 SB--	EB-- 3 WB--	0	NB-- 0 SB--	EB-- 3 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	340	1	**340**	77	417	**417**	143	487	1	**487**	66	553	1	**553**	-553	0	1	0
	Left-Through		0							0				0				0	
	Through	1121	4	280	-14	1107	277	602	1737	4	434	-14	1723	4	431	-1421	302	4	**76**
	Through-Right		0							0				0				0	
	Right	141	1	95	0	141	127	63	206	1	142	0	206	1	174	-206	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	166	1	**166**	44	210	**210**	28	196	1	**196**	44	240	1	**240**	0	240	1	**240**
	Left-Through		0							0				0				0	
	Through	526	3	175	234	760	253	241	773	3	258	324	1097	3	366	242	1339	3	446
	Through-Right		0							0				0				0	
	Right	185	1	0	-1	184	0	55	242	1	0	-1	241	1	0	-241	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	93	1	93	-65	28	28	35	129	1	129	-65	64	1	64	-64	0	1	0
	Left-Through		0							0				0				0	
	Through	838	3	**279**	714	1552	**517**	193	1041	3	**347**	724	1765	3	**588**	1007	2772	3	**924**
	Through-Right		0							0				0				0	
	Right	223	1	223	68	291	291	79	305	1	305	68	373	1	373	0	373	1	373
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		340	North-South:		417	North-South:			487	North-South:			553	North-South:			76
		East-West:		445	East-West:		727	East-West:			543	East-West:			828	East-West:			1164
		SUM:		785	SUM:		1144	SUM:			1030	SUM:			1381	SUM:			1240
VOLUME/CAPACITY (V/C) RATIO:				0.551			0.803				0.723				0.969				0.870
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.451			0.703				0.623				0.869				0.770
LEVEL OF SERVICE (LOS):				A			C				B				D				C

PROJECT IMPACT

Change in v/c due to project: 0.246 Δv/c after mitigation: 0.147

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	4	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	1	0	269	269	1	269
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	68	0	68	0	68	68	14	83	0	83	0	83	0	83	0	83	0	83
	Left-Through		1							1				1				1	
	Through	499	3	142	-19	480	137	608	1113	3	299	-19	1094	3	294	-615	479	3	141
	Through-Right		0							0				0				0	
	Right	340	1	**340**	278	618	**618**	38	382	1	**382**	278	660	1	**660**	332	992	1	**992**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	557	2	279	234	791	396	281	845	2	423	324	1169	2	585	0	1169	2	585
	Through-Right		0							0				0				0	
	Right	102	1	102	0	102	102	24	127	1	127	0	127	1	127	7	134	1	134
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	55	1	55	0	55	55	9	65	1	65	0	65	1	65	-65	0	1	0
	Left-Through		0							0				0				0	
	Through	846	2	**423**	440	1286	**643**	269	1125	2	**563**	450	1575	2	**788**	611	2186	2	**1093**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		340	North-South:		618	North-South:			382	North-South:			660	North-South:			992
		East-West:		423	East-West:		643	East-West:			563	East-West:			788	East-West:			1093
		SUM:		763	SUM:		1261	SUM:			945	SUM:			1448	SUM:			2085
VOLUME/CAPACITY (V/C) RATIO:				0.509			0.841				0.630				0.965				1.390
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.409			0.741				0.530				0.865				1.290
LEVEL OF SERVICE (LOS):				A			C				A				D				F

PROJECT IMPACT

Change in v/c due to project: 0.335 Δv/c after mitigation: 0.760

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	5	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	1	31	0	31	31	54	85	1	85	0	85	1	85	0	85	1	85
	Left-Through		0							0				0				0	
	Through	343	4	86	54	397	99	330	677	4	169	54	731	4	183	404	1135	4	**284**
	Through-Right		0							0				0				0	
	Right	138	1	**138**	29	167	**167**	51	191	1	**191**	29	220	1	**220**	0	220	1	220
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	483	1	275	24	507	309	246	735	1	**425**	24	759	1	504	0	759	1	714
	Through-Right		1							1				1				1	
	Right	66	0	66	44	110	110	47	114	0	114	134	248	0	248	421	669	0	669
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	62	1	62	17	79	79	8	71	1	**71**	17	88	1	88	0	88	1	88
	Left-Through		0							0				0				0	
	Through	697	2	**349**	329	1026	**513**	220	925	2	463	339	1264	2	**632**	611	1875	2	**938**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		138	*North-South:*		167	*North-South:*			191	*North-South:*			220	*North-South:*			284
		East-West:		349	*East-West:*		513	*East-West:*			496	*East-West:*			632	*East-West:*			938
		SUM:		487	*SUM:*		680	*SUM:*			687	*SUM:*			852	*SUM:*			1222
VOLUME/CAPACITY (*V/C*) RATIO:				0.325			0.453				0.458				0.568				0.815
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.225**			**0.353**				**0.358**				**0.468**				**0.715**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**C**

PROJECT IMPACT

Change in *v/c* due to project: **0.110** | *Δv/c* after mitigation: **0.357**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	6	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	64	0	64	355	419	**419**	44	109	0	109	356	465	0	**465**	611	1076	0	**1076**
	Left-Through		1							1				1				1	
	Through	389	2	**119**	118	507	248	315	709	2	**214**	118	827	2	344	763	1590	2	687
	Through-Right		1							1				1				1	
	Right	22	0	119	44	66	248	16	38	0	214	44	82	0	344	0	82	0	687
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	72	1	**72**	0	72	**72**	72	145	1	**145**	0	145	1	**145**	0	145	1	**145**
	Left-Through		0							0				0				0	
	Through	408	2	204	24	432	216	228	641	2	321	24	665	2	333	0	665	2	333
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	634	1	**338**	0	634	**338**	184	826	1	**460**	0	826	1	**460**	0	826	1	**460**
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	50	93	0	93	0	93	0	93	0	93	0	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		119	*North-South:*		419	*North-South:*			214	*North-South:*			465	*North-South:*			1076
		East-West:		410	*East-West:*		410	*East-West:*			605	*East-West:*			605	*East-West:*			605
		SUM:		529	*SUM:*		829	*SUM:*			819	*SUM:*			1070	*SUM:*			1681
VOLUME/CAPACITY (*V/C*) RATIO:				0.353			0.553				0.546				0.713				1.121
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.253**			**0.453**				**0.446**				**0.613**				**1.021**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**B**				**F**

PROJECT IMPACT

Change in *v/c* due to project: **0.167** | *Δv/c* after mitigation: **0.575**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	7	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	22	1	**22**	0	22	**22**	37	59	1	**59**	0	59	1	**59**	0	59	1	**59**
	Left-Through		0							0				0				0	
	Through	192	1	105	37	229	132	110	304	1	207	37	341	1	234	0	341	1	234
	Through-Right		1							1				1				1	
	Right	17	0	17	17	34	34	92	109	0	109	17	126	0	126	0	126	0	126
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	28	1	28	7	35	35	4	32	1	32	7	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	273	2	**137**	151	424	**212**	245	521	2	**261**	151	672	2	**336**	0	672	2	**336**
	Through-Right		0							0				0				0	
	Right	115	1	99	0	115	95	35	151	1	125	0	151	1	121	0	151	1	121
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	32	1	**32**	8	40	**40**	20	52	1	52	8	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	396	1	211	31	427	241	164	565	1	**325**	31	596	1	**355**	0	596	1	**355**
	Through-Right		1							1				1				1	
	Right	26	0	26	29	55	55	59	85	0	85	29	114	0	114	0	114	0	114
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	12	1	12	0	12	12	150	162	1	**162**	0	162	1	**162**	0	162	1	**162**
	Left-Through		0							0				0				0	
	Through	576	1	**303**	0	576	**303**	163	746	1	395	0	746	1	395	0	746	1	395
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	14	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		159	*North-South:*		234	*North-South:*			320	*North-South:*			395	*North-South:*			395
		East-West:		335	*East-West:*		343	*East-West:*			487	*East-West:*			517	*East-West:*			517
		SUM:		494	*SUM:*		577	*SUM:*			807	*SUM:*			912	*SUM:*			912
VOLUME/CAPACITY (*V/C*) RATIO:				0.329			0.385				0.538				0.608				0.608
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.229**			**0.285**				**0.438**				**0.508**				**0.508**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.070** | *Δv/c* after mitigation: **0.070**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	8	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	45	1	45	0	45	45	58	104	1	**104**	0	104	1	**104**	0	104	1	**104**
	Left-Through		0							0				0				0	
	Through	444	1	**242**	0	444	**242**	72	521	1	281	0	521	1	281	0	521	1	281
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	0	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	1	**23**	0	23	**23**	12	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	266	1	168	8	274	172	109	378	0	**477**	8	386	0	**485**	0	386	0	**485**
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	29	99	0	0	0	99	0	0	0	99	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	54	1	**54**	0	54	**54**	55	110	1	**110**	0	110	1	**110**	0	110	1	**110**
	Left-Through		0							0				0				0	
	Through	370	1	197	43	413	225	171	545	1	301	43	588	1	330	0	588	1	330
	Through-Right		1							1				1				1	
	Right	23	0	23	14	37	37	34	57	0	57	14	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	29	1	29	0	29	29	0	29	1	29	0	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	490	1	**276**	0	490	**276**	239	735	1	**399**	0	735	1	**399**	0	735	1	**399**
	Through-Right		1							1				1				1	
	Right	61	0	61	0	61	61	1	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		265	*North-South:*		265	*North-South:*			581	*North-South:*			589	*North-South:*			589
		East-West:		330	*East-West:*		330	*East-West:*			509	*East-West:*			509	*East-West:*			509
		SUM:		595	*SUM:*		595	*SUM:*			1090	*SUM:*			1098	*SUM:*			1098
VOLUME/CAPACITY (*V/C*) RATIO:				0.397			0.397				0.727				0.732				0.732
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.297**			**0.297**				**0.627**				**0.632**				**0.632**
LEVEL OF SERVICE (LOS):				**A**			**A**				**B**				**B**				**B**

PROJECT IMPACT

Change in *v/c* due to project: **0.005** | *Δv/c* after mitigation: **0.005**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	9	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	29	1	29	0	29	29	3	32	1	32	0	32	1	32	0	32	1	32
	Left-Through		0							0				0				0	
	Through	423	2	212	27	450	225	211	639	2	320	27	666	2	333	0	666	2	333
	Through-Right		0							0				0				0	
	Right	33	1	17	0	33	17	2	35	1	18	0	35	1	18	0	35	1	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	38	1	38	0	38	38	10	48	1	48	0	48	1	48	0	48	1	48
	Left-Through		0							0				0				0	
	Through	271	2	136	0	271	136	205	479	1	479	0	479	1	479	0	479	1	479
	Through-Right		0							0				0				0	
	Right	120	1	73	0	120	75	81	202	1	135	0	202	1	137	0	202	1	137
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	94	1	94	-4	90	90	39	134	1	134	-4	130	1	130	0	130	1	130
	Left-Through		0							0				0				0	
	Through	322	1	173	45	367	196	144	470	1	247	45	515	1	270	0	515	1	270
	Through-Right		1							1				1				1	
	Right	23	0	23	1	24	24	0	23	0	23	1	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	33	1	33	0	33	33	2	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	450	1	240	0	450	240	157	612	1	327	0	612	1	327	0	612	1	327
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	12	42	0	42	0	42	0	42	0	42	0	42
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		250	North-South:		263	North-South:			511	North-South:			511	North-South:			511
		East-West:		334	East-West:		330	East-West:			461	East-West:			457	East-West:			457
		SUM:		584	SUM:		593	SUM:			972	SUM:			968	SUM:			968
VOLUME/CAPACITY (V/C) RATIO:				0.410			0.416				0.682				0.679				0.679
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.310			0.316				0.582				0.579				0.579
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: -0.003 | Δv/c after mitigation: -0.003 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	10	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	39	1	39	0	39	39	2	41	1	41	0	41	1	41	0	41	1	41
	Left-Through		0							0				0				0	
	Through	182	1	120	0	182	120	30	214	1	136	0	214	1	136	0	214	1	136
	Through-Right		1							1				1				1	
	Right	57	0	57	0	57	57	0	58	0	58	0	58	0	58	0	58	0	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	1	44	0	44	44	0	45	1	45	0	45	1	45	0	45	1	45
	Left-Through		0							0				0				0	
	Through	273	1	184	0	273	184	21	297	1	197	0	297	1	197	0	297	1	197
	Through-Right		1							1				1				1	
	Right	95	0	95	0	95	95	0	96	0	96	0	96	0	96	0	96	0	96
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	275	1	163	45	320	185	150	428	1	241	45	473	1	264	0	473	1	264
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	3	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	360	1	208	0	360	208	156	520	1	289	0	520	1	289	0	520	1	289
	Through-Right		1							1				1				1	
	Right	56	0	56	0	56	56	0	57	0	57	0	57	0	57	0	57	0	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		223	North-South:		223	North-South:			238	North-South:			238	North-South:			238
		East-West:		242	East-West:		242	East-West:			323	East-West:			323	East-West:			323
		SUM:		465	SUM:		465	SUM:			561	SUM:			561	SUM:			561
VOLUME/CAPACITY (V/C) RATIO:				0.310			0.310				0.374				0.374				0.374
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.210			0.210				0.274				0.274				0.274
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	11	North-South Street:	Santee	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	46	0	46	0	46	46	0	47	0	47	0	47	0	47	0	47	0	47
	Left-Through		0							0				0				0	
	Through	71	0	198	0	71	198	0	72	0	201	0	72	0	201	0	72	0	201
	Through-Right		0							0				0				0	
	Right	81	0	0	0	81	0	0	82	0	0	0	82	0	0	0	82	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	14	0	14	0	14	14	2	16	0	16	0	16	0	16	0	16	0	16
	Left-Through		0							0				0				0	
	Through	64	0	225	0	64	225	0	65	0	230	0	65	0	230	0	65	0	230
	Through-Right		0							0				0				0	
	Right	147	0	0	0	147	0	0	149	0	0	0	149	0	0	0	149	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	29	1	29	0	29	29	0	29	1	29	0	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	276	1	174	45	321	196	150	429	1	251	45	474	1	273	0	474	1	273
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	0	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	12	1	12	0	12	12	0	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	260	1	142	0	260	142	156	419	1	223	0	419	1	223	0	419	1	223
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	2	26	0	26	0	26	0	26	0	26	0	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		271	North-South:		271	North-South:			277	North-South:			277	North-South:			277
		East-West:		186	East-West:		208	East-West:			263	East-West:			285	East-West:			285
		SUM:		457	SUM:		479	SUM:			540	SUM:			562	SUM:			562
VOLUME/CAPACITY (V/C) RATIO:				0.305			0.319				0.360				0.375				0.375
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.205			0.219				0.260				0.275				0.275
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.015 | Δv/c after mitigation: 0.015 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	12	North-South Street:	Maple	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	50	1	50	0	50	50	4	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	153	0	204	0	153	204	6	161	0	213	0	161	0	213	0	161	0	213
	Through-Right		1							1				1				1	
	Right	51	0	0	0	51	0	0	52	0	0	0	52	0	0	0	52	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	162	0	245	0	162	245	0	164	0	248	0	164	0	248	0	164	0	248
	Through-Right		1							1				1				1	
	Right	83	0	0	0	83	0	0	84	0	0	0	84	0	0	0	84	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	43	1	43	1	44	44	0	44	1	44	1	45	1	45	0	45	1	45
	Left-Through		0							0				0				0	
	Through	189	0	189	44	233	233	150	341	0	341	44	385	1	385	0	385	1	385
	Through-Right		0							0				0				0	
	Right	144	1	119	0	144	119	2	148	1	121	0	148	1	121	0	148	1	121
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	1	14	0	14	14	0	14	1	14	0	14	1	14	0	14	1	14
	Left-Through		0							0				0				0	
	Through	152	0	180	0	152	180	155	309	0	337	0	309	0	337	0	309	0	337
	Through-Right		1							1				1				1	
	Right	28	0	0	0	28	0	0	28	0	0	0	28	0	0	0	28	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		295	North-South:		295	North-South:			303	North-South:			303	North-South:			303
		East-West:		223	East-West:		247	East-West:			381	East-West:			399	East-West:			399
		SUM:		518	SUM:		542	SUM:			684	SUM:			702	SUM:			702
VOLUME/CAPACITY (V/C) RATIO:				0.345			0.361				0.456				0.468				0.468
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.245			0.261				0.356				0.368				0.368
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.012 | Δv/c after mitigation: 0.012 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
13	Maple	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	9th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
Left-Through		0							0				0				0	
Through	159	0	265	0	159	266	6	167	0	274	0	167	0	275	0	167	0	275
Through-Right		0							0				0				0	
Right	78	0	0	1	79	0	0	79	0	0	1	80	0	0	0	80	0	0
Left-Through-Right		1							1				1				1	
Left-Right		0							0				0				0	
SOUTHBOUND Left	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
Left-Through		0							0				0				0	
Through	111	0	159	0	111	159	0	112	0	160	0	112	0	160	0	112	0	160
Through-Right		0							0				0				0	
Right	31	0	0	0	31	0	0	31	0	0	0	31	0	0	0	31	0	0
Left-Through-Right		1							1				1				1	
Left-Right		0							0				0				0	
EASTBOUND Left	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
Left-Through		1							1				1				1	
Through	344	0	215	45	389	237	166	514	0	300	45	559	0	323	0	559	0	323
Through-Right		1							1				1				1	
Right	63	0	215	0	63	237	0	64	0	300	0	64	0	323	0	64	0	323
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND Left	74	0	74	0	74	74	0	75	0	75	0	75	0	75	0	75	0	75
Left-Through		1							1				1				1	
Through	221	0	214	0	221	214	0	224	0	217	0	224	0	283	0	224	0	283
Through-Right		1							1				1				1	
Right	58	0	214	0	58	214	0	59	0	217	0	59	0	0	0	59	0	0
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		282	North-South:		283	North-South:			291	North-South:			292	North-South:			292
	East-West:		289	East-West:		311	East-West:			375	East-West:			398	East-West:			398
	SUM:		571	SUM:		594	SUM:			666	SUM:			690	SUM:			690
VOLUME/CAPACITY (V/C) RATIO:			0.381			0.396				0.444				0.460				0.460
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.281			0.296				0.344				0.360				0.360
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.016 Δv/c after mitigation: 0.016

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
14	San Pedro	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	9th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	27	1	27	0	27	27	0	27	1	27	0	27	1	27	0	27	1	27
Left-Through		0							0				0				0	
Through	324	1	205	0	324	224	10	338	1	212	0	338	1	231	0	338	1	231
Through-Right		1							1				1				1	
Right	85	0	85	38	123	123	0	86	0	86	38	124	0	124	0	124	0	124
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND Left	36	1	36	0	36	36	0	36	1	36	0	36	1	36	0	36	1	36
Left-Through		0							0				0				0	
Through	325	1	179	0	325	179	0	329	1	181	0	329	1	181	0	329	1	181
Through-Right		1							1				1				1	
Right	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND Left	55	0	55	0	55	55	1	57	0	57	0	57	0	57	0	57	0	57
Left-Through		1							1				1				1	
Through	349	0	257	46	395	280	160	513	0	344	46	559	0	367	0	559	0	367
Through-Right		1							1				1				1	
Right	55	0	257	0	55	280	4	60	0	344	0	60	0	367	0	60	0	367
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND Left	57	0	57	3	60	60	0	58	0	58	3	61	0	61	0	61	0	61
Left-Through		1							1				1				1	
Through	268	1	222	0	268	225	0	271	0	227	0	271	0	291	0	271	0	291
Through-Right		1							1				1				1	
Right	62	0	222	0	62	225	3	66	0	227	0	66	0	291	0	66	0	291
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		241	North-South:		260	North-South:			248	North-South:			267	North-South:			267
	East-West:		314	East-West:		340	East-West:			402	East-West:			428	East-West:			428
	SUM:		555	SUM:		600	SUM:			650	SUM:			695	SUM:			695
VOLUME/CAPACITY (V/C) RATIO:			0.370			0.400				0.433				0.463				0.463
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.270			0.300				0.333				0.363				0.363
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.030 Δv/c after mitigation: 0.030

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
15	LA Live Way	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Chick Hearn Ct	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	231	1	231	598	829	829	0	234	1	234	598	832	1	832	0	832	1	832
Left-Through		0							0				0				0	
Through	678	2	284	268	946	315	17	703	2	301	242	945	2	315	0	945	2	315
Through-Right		1							1				1				1	
Right	174	0	174	-174	0	0	24	200	0	200	-200	0	0	0	0	0	0	0
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Left-Through		0							0				0				0	
Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Through-Right		0							0				0				0	
Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND Left	79	0	79	0	79	79	0	80	0	80	0	80	0	80	0	80	0	80
Left-Through		1							1				1				1	
Through	86	0	180	-86	0	0	65	152	1	217	-152	0	0	0	0	0	1	0
Through-Right		1							1				1				1	
Right	115	0	180	-115	0	0	5	121	0	217	-121	0	0	0	0	0	0	0
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND Left	19	1	19	-19	0	0	0	19	1	19	-19	0	1	0	0	0	1	0
Left-Through		0							0				0				0	
Through	206	2	103	206	412	206	112	320	2	160	79	399	2	200	0	399	2	200
Through-Right		0							0				0				0	
Right	108	1	108	0	108	108	14	123	1	123	0	123	1	123	0	123	1	123
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		284	North-South:		829	North-South:			301	North-South:			832	North-South:			832
	East-West:		199	East-West:		285	East-West:			240	East-West:			280	East-West:			280
	SUM:		483	SUM:		1114	SUM:			541	SUM:			1112	SUM:			1112
VOLUME/CAPACITY (V/C) RATIO:			0.322			0.743				0.361				0.741				0.741
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.222			0.643				0.261				0.641				0.641
LEVEL OF SERVICE (LOS):			A			B				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.380 Δv/c after mitigation: 0.380

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
16	Figueroa	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	11th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	3	3
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	83	1	83	-83	0	0	59	143	1	143	-143	0	1	0	0	0	1	0
Left-Through		0							0				0				0	
Through	1379	3	350	141	1520	386	752	2148	3	543	129	2277	3	575	-1985	292	3	73
Through-Right		1							1				1				1	
Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	-22	0	0	0
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND Left	16	1	16	0	16	16	0	16	1	16	0	16	1	16	-16	0	1	0
Left-Through		0							0				0				0	
Through	197	1	131	0	197	99	90	289	1	177	0	289	1	145	-289	0	1	0
Through-Right		1							1				1				1	
Right	64	0	64	-64	0	0	0	65	0	65	-65	0	0	0	0	0	0	0
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND Left	72	2	40	-72	0	0	0	73	2	40	-73	0	2	0	0	0	2	0
Left-Through		0							0				0				0	
Through	46	1	46	-46	0	0	0	47	1	47	-47	0	1	0	0	0	1	0
Through-Right		1							0				0				0	
Right	61	1	0	-61	0	0	89	151	1	8	-151	0	1	0	0	0	1	0
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND Left	59	1	59	1	60	60	0	60	1	60	1	61	1	61	-61	0	1	0
Left-Through		0							0				0				0	
Through	221	2	111	-221	0	0	80	304	2	152	-304	0	2	0	0	0	2	0
Through-Right		0							0				0				0	
Right	143	1	127	0	143	127	56	201	1	185	0	201	1	185	-201	0	1	0
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		366	North-South:		402	North-South:			559	North-South:			591	North-South:			73
	East-West:		167	East-West:		127	East-West:			225	East-West:			185	East-West:			0
	SUM:		533	SUM:		529	SUM:			784	SUM:			776	SUM:			73
VOLUME/CAPACITY (V/C) RATIO:			0.388			0.385				0.570				0.564				0.053
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.288			0.285				0.470				0.464				0.027
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: -0.006 Δv/c after mitigation: -0.443

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	17	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3				3				3				3				3			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--		
	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--		
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	458	3	153	269	727	242	629	1093	3	364	269	1362	3	454	-873	489	3	163
	Through-Right		0							0				0				0	
	Right	201	1	201	-14	187	187	12	215	1	215	-14	201	1	201	-201	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	89	1	89	0	89	89	0	90	1	90	0	90	1	90	-90	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	34	1	34	0	34	34	233	267	1	267	0	267	1	267	-267	0	1	0
	Left-Through		0							0				0				0	
	Through	243	2	122	-243	0	0	124	370	2	185	-290	80	2	40	-80	0	2	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		201	North-South:		242	North-South:			364	North-South:			454	North-South:			163
		East-West:		123	East-West:		123	East-West:			357	East-West:			357	East-West:			0
		SUM:		324	SUM:		365	SUM:			721	SUM:			811	SUM:			163
VOLUME/CAPACITY (V/C) RATIO:				0.227			0.256				0.506				0.569				0.114
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.127			0.156				0.406				0.469				0.057
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.063 Δv/c after mitigation: -0.349

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	18	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--		
	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--		
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	410	3	121	190	600	168	356	771	3	219	280	1051	3	289	825	1876	3	495
	Through-Right		0							1				1				1	
	Right	73	0	73	0	73	73	30	104	0	104	0	104	0	104	0	104	0	104
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	48	1	48	142	190	190	168	217	1	217	142	359	1	359	327	686	1	686
	Left-Through		0							0				0				0	
	Through	229	2	115	-155	74	37	382	614	2	307	-165	449	2	225	-327	122	2	61
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		121	North-South:		168	North-South:			219	North-South:			289	North-South:			495
		East-West:		115	East-West:		190	East-West:			307	East-West:			359	East-West:			686
		SUM:		236	SUM:		358	SUM:			526	SUM:			648	SUM:			1181
VOLUME/CAPACITY (V/C) RATIO:				0.157			0.239				0.351				0.432				0.787
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.079			0.139				0.251				0.332				0.687
LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.081 Δv/c after mitigation: 0.436

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	19	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--		
	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--		
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	62	0	62	95	157	157	296	359	0	359	95	454	0	454	0	454	0	454
	Left-Through		1							1				1				1	
	Through	477	3	135	359	836	248	374	857	3	286	359	1216	3	405	1374	2590	3	761
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	220	2	110	-107	113	57	219	442	2	221	-117	325	2	163	0	325	2	163
	Through-Right		0							0				0				0	
	Right	27	1	27	104	131	131	0	27	1	27	114	141	1	141	0	141	1	141
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		135	North-South:		248	North-South:			359	North-South:			454	North-South:			761
		East-West:		110	East-West:		131	East-West:			221	East-West:			163	East-West:			163
		SUM:		245	SUM:		379	SUM:			580	SUM:			617	SUM:			924
VOLUME/CAPACITY (V/C) RATIO:				0.163			0.253				0.387				0.411				0.616
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.082			0.153				0.287				0.311				0.516
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.024 Δv/c after mitigation: 0.229

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	20	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3				3				3				3				3			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--		
	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--		
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	9	1	9	0	9	9	0	9	1	9	0	9	1	9	-9	0	1	0
	Left-Through		0							0				0				0	
	Through	1564	3	401	2	1566	401	565	2148	3	554	-70	2078	3	537	-1981	97	3	24
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	30	68	0	68	0	68	0	68	-68	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	1	31	0	31	31	11	42	1	42	0	42	1	42	-42	0	1	0
	Left-Through		0							0				0				0	
	Through	281	2	141	-60	221	111	99	383	2	192	-150	233	2	117	-233	0	2	0
	Through-Right		0							0				0				0	
	Right	18	1	17	0	18	17	0	18	1	17	0	18	1	17	-18	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	-3	0	1	0
	Left-Through		0							0				0				0	
	Through	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Through-Right		0							0				0				0	
	Right	11	1	7	0	11	7	0	11	1	7	0	11	1	7	-11	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	9	1	9	0	9	9	0	9	1	9	0	9	1	9	-9	0	1	0
	Left-Through		0							0				0				0	
	Through	8	0	39	0	8	39	0	8	0	39	0	8	0	39	-8	0	0	31
	Through-Right		1							1				1				1	
	Right	31	0	0	0	31	0	0	31	0	0	0	31	0	0	0	31	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		432	North-South:		432	North-South:			596	North-South:			579	North-South:			24
		East-West:		42	East-West:		42	East-West:			42	East-West:			42	East-West:			31
		SUM:		474	SUM:		474	SUM:			638	SUM:			621	SUM:			55
VOLUME/CAPACITY (V/C) RATIO:				0.333			0.333				0.448				0.436				0.039
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.233			0.233				0.348				0.336				0.019
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: -0.012 Δv/c after mitigation: -0.329

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	21	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	74	1	74	45	119	119	160	235	1	235	45	280	1	280	-280	0	1	0
	↰	Left-Through		0							0				0				0	
	↑	Through	374	2	**142**	225	599	**217**	584	963	2	**339**	225	1188	2	**414**	-919	269	1	**135**
	↱	Through-Right		1							1				1				1	
	↱	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	-53	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	→	Through	53	1	**32**	0	53	**32**	41	95	1	**53**	0	95	1	**53**	-95	0	1	**0**
	↱	Through-Right		1							1				1				1	
	↱	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	-11	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		142	*North-South:*		217	*North-South:*			339	*North-South:*			414	*North-South:*			135
			East-West:		32	*East-West:*		32	*East-West:*			53	*East-West:*			53	*East-West:*			0
			SUM:		174	*SUM:*		249	*SUM:*			392	*SUM:*			467	*SUM:*			135
	VOLUME/CAPACITY (*V/C*) RATIO:				0.116			0.166				0.261				0.311				0.090
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.058			0.083				0.161				0.211				0.045
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.050 — *Δv/c* after mitigation: -0.116

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	22	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	30	0	30	26	56	56	33	63	0	63	26	89	0	89	235	324	0	324
	↰	Left-Through		1							1				1				1	
	↑	Through	415	3	**111**	759	1174	**308**	481	901	3	**241**	849	1750	3	**460**	917	2667	3	**748**
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	→	Through	67	1	**54**	3	70	70	224	292	1	**190**	3	295	1	**259**	-235	60	1	60
	↱	Through-Right		1							1				1				1	
	↱	Right	41	0	41	135	176	**176**	47	88	0	88	135	223	0	223	0	223	0	**223**
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		111	*North-South:*		308	*North-South:*			241	*North-South:*			460	*North-South:*			748
			East-West:		54	*East-West:*		176	*East-West:*			190	*East-West:*			259	*East-West:*			223
			SUM:		165	*SUM:*		484	*SUM:*			431	*SUM:*			719	*SUM:*			971
	VOLUME/CAPACITY (*V/C*) RATIO:				0.110			0.323				0.287				0.479				0.647
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.055			0.223				0.187				0.379				0.547
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.192 — *Δv/c* after mitigation: 0.360

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	23	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	495	3	**165**	339	834	**278**	570	1071	3	**357**	339	1410	3	**470**	1374	2784	3	**928**
	↱	Through-Right		0							0				0				0	
	↱	Right	10	1	10	3	13	13	0	10	1	10	3	13	1	13	0	13	1	13
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	29	0	29	0	29	29	125	154	0	154	0	154	0	154	0	154	0	154
	↰	Left-Through		1							1				1				1	
	→	Through	67	1	**48**	30	97	**63**	133	201	1	**178**	30	231	1	**193**	0	231	1	**193**
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		165	*North-South:*		278	*North-South:*			357	*North-South:*			470	*North-South:*			928
			East-West:		48	*East-West:*		63	*East-West:*			178	*East-West:*			193	*East-West:*			193
			SUM:		213	*SUM:*		341	*SUM:*			535	*SUM:*			663	*SUM:*			1121
	VOLUME/CAPACITY (*V/C*) RATIO:				0.142			0.227				0.357				0.442				0.747
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.071			0.127				0.257				0.342				0.647
	LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in *v/c* due to project: 0.085 — *Δv/c* after mitigation: 0.390

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	24	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	645	2	355	12	657	**361**	1	654	2	360	12	666	2	**366**	0	666	2	**366**
	↰	Left-Through		0							0				0				0	
	↑	Through	721	2	**361**	-545	176	88	41	771	2	**386**	-595	176	2	88	0	176	2	88
	↱	Through-Right		0							0				0				0	
	↱	Right	153	1	153	105	258	258	48	203	1	203	105	308	1	308	0	308	1	308
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	115	2	**63**	-115	0	0	5	121	2	**67**	-121	0	2	0	0	0	2	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	↱	Through-Right		0							0				0				0	
	↱	Right	55	2	0	-55	0	0	0	56	2	0	-56	0	2	0	0	0	2	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	149	1	**149**	-149	0	0	0	151	1	**151**	-151	0	1	0	0	0	1	0
	↰	Left-Through		0							0				0				0	
	→	Through	317	3	106	411	728	**243**	127	448	3	149	411	859	3	**286**	0	859	3	**286**
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	↰	Left-Through		0							0				0				0	
	↑	Through	427	2	**214**	-28	399	200	102	534	2	**267**	-28	506	2	253	-506	0	2	0
	↱	Through-Right		0							0				0				0	
	↱	Right	171	1	140	-171	0	0	0	173	1	140	-173	0	1	0	0	0	1	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		424	*North-South:*		361	*North-South:*			453	*North-South:*			366	*North-South:*			366
			East-West:		363	*East-West:*		243	*East-West:*			418	*East-West:*			286	*East-West:*			286
			SUM:		787	*SUM:*		604	*SUM:*			871	*SUM:*			652	*SUM:*			652
	VOLUME/CAPACITY (*V/C*) RATIO:				0.552			0.424				0.611				0.458				0.458
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.452			0.324				0.511				0.358				0.358
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: -0.153 — *Δv/c* after mitigation: -0.153

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	25	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Bond	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			2			2			2			2			2			2			2		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1405	3	468	-356	1049	350	90	1512	3	504	-494	1018	3	339	0	1018	3	339
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	3	0	3	255	258	258	0	3	0	3	255	258	0	258	0	258	0	258
	Left-Through		1							1				1				1	
	Through	2	0	5	0	2	260	0	2	0	5	0	2	0	260	0	2	0	260
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	2	0	102	0	2	7	0	2	0	103	0	2	0	8	0	2	0	8
	Through-Right		1							1				1				1	
	Right	201	1	0	-190	11	0	0	203	1	0	-190	13	1	0	0	13	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		468	North-South:		350	North-South:			504	North-South:			339	North-South:			339
		East-West:		107	East-West:		267	East-West:			108	East-West:			268	East-West:			268
		SUM:		575	SUM:		617	SUM:			612	SUM:			607	SUM:			607
VOLUME/CAPACITY (V/C) RATIO:				0.404			0.433				0.429				0.426				0.426
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.304			0.333				0.329				0.326				0.326
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: -0.003 Δv/c after mitigation: -0.003

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	26	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3
	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	211	1	211	-6	205	205	4	218	1	218	-6	212	1	212	-212	0	1	0
	Left-Through		0							0				0				0	
	Through	1335	3	354	4	1339	367	508	1859	3	489	-68	1791	3	484	-1630	161	3	54
	Through-Right		1							1				1				1	
	Right	82	0	82	48	130	130	12	95	0	95	48	143	0	143	312	455	0	455
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	1	29	0	29	29	4	33	1	33	0	33	1	33	-33	0	1	0
	Left-Through		0							0				0				0	
	Through	211	2	106	-55	156	78	34	248	2	124	-145	103	2	52	-103	0	2	0
	Through-Right		0							0				0				0	
	Right	47	1	0	-5	42	0	29	77	1	0	-5	72	1	0	-72	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	182	1	182	-3	179	179	82	266	1	266	-3	263	1	263	-263	0	1	0
	Left-Through		0							0				0				0	
	Through	387	2	194	332	719	360	95	487	2	244	332	819	2	410	266	1085	2	543
	Through-Right		0							0				0				0	
	Right	176	1	0	105	281	76	16	194	1	0	105	299	1	87	0	299	1	299
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	68	1	68	6	74	74	39	108	1	108	6	114	1	114	-114	0	1	0
	Left-Through		0							0				0				0	
	Through	348	2	174	-200	148	74	70	422	2	211	-200	222	2	111	-222	0	2	0
	Through-Right		0							0				0				0	
	Right	83	1	69	0	83	69	5	89	1	73	0	89	1	73	-89	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		383	North-South:		396	North-South:			522	North-South:			517	North-South:			455
		East-West:		356	East-West:		434	East-West:			477	East-West:			524	East-West:			543
		SUM:		739	SUM:		830	SUM:			999	SUM:			1041	SUM:			998
VOLUME/CAPACITY (V/C) RATIO:				0.537			0.604				0.727				0.757				0.726
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.437			0.504				0.627				0.657				0.626
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.030 Δv/c after mitigation: -0.001

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	27	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	10	10	0	0	0	10	0	0	-10	0	0	0
	Left-Through		0							0				0				0	
	Through	326	2	133	232	558	208	547	877	2	331	232	1109	2	406	-885	224	1	112
	Through-Right		1							1				1				1	
	Right	72	0	72	-7	65	65	44	117	0	117	-7	110	0	110	-110	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	346	1	247	156	502	439	123	473	1	313	156	629	1	505	581	1210	1	796
	Through-Right		1							1				1				1	
	Right	148	0	148	228	376	376	3	153	0	153	228	381	0	381	0	381	0	381
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	19	0	19	0	19	19	-19	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		1							0				0				0	
	Through	448	1	243	-188	260	168	118	571	2	286	-188	383	2	192	-383	0	2	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		133	North-South:		208	North-South:			331	North-South:			406	North-South:			112
		East-West:		266	East-West:		458	East-West:			313	East-West:			505	East-West:			796
		SUM:		399	SUM:		666	SUM:			644	SUM:			911	SUM:			908
VOLUME/CAPACITY (V/C) RATIO:				0.266			0.444				0.429				0.607				0.605
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.166			0.344				0.329				0.507				0.505
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.178 Δv/c after mitigation: 0.176

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	28	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	7	0	7	7	14	14	13	20	0	20	7	27	0	27	0	27	0	27
	Left-Through		1							1				1				1	
	Through	397	2	114	1109	1506	392	462	864	2	247	1199	2063	2	548	0	2063	2	548
	Through-Right		1							1				1				1	
	Right	50	0	114	-1	49	392	52	103	0	247	-1	102	0	548	0	102	0	548
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	263	1	173	114	377	251	116	382	1	238	114	496	1	316	4	500	1	318
	Through-Right		1							1				1				1	
	Right	82	0	82	43	125	125	10	93	0	93	43	136	0	136	0	136	0	136
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	17	0	17	147	164	164	30	47	0	47	147	194	0	194	53	247	0	247
	Left-Through		1							1				1				1	
	Through	366	1	200	-171	195	195	71	441	1	268	-171	270	1	270	-105	165	1	165
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		114	North-South:		392	North-South:			247	North-South:			548	North-South:			548
		East-West:		200	East-West:		415	East-West:			285	East-West:			510	East-West:			565
		SUM:		314	SUM:		807	SUM:			532	SUM:			1058	SUM:			1113
VOLUME/CAPACITY (V/C) RATIO:				0.209			0.538				0.355				0.705				0.742
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.109			0.438				0.255				0.605				0.642
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.350 Δv/c after mitigation: 0.387

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	29	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 1	SB--	0	NB--	1	SB--	0	NB--	1	SB--	0	NB--	1	SB--	0	NB--	1	SB--	0	NB--	1	SB--	0
	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	57	0	57	10	67	67	6	64	0	64	10	74	0	74	0	74	0	74
	Left-Through		1							1				1				1	
	Through	466	3	131	246	712	195	521	993	3	264	246	1239	3	328	1318	2557	3	658
	Through-Right		0							0				0				0	
	Right	37	1	37	30	67	67	18	55	1	55	30	85	1	85	0	85	1	85
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	36	0	36	10	46	46	44	80	0	80	10	90	0	90	4	94	0	94
	Left-Through		1							1				1				1	
	Through	233	1	153	111	344	218	85	321	1	241	111	432	1	306	0	432	1	310
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	328	1	173	-34	294	196	95	427	1	225	-34	393	1	248	-52	341	1	248
	Through-Right		1							1				1				1	
	Right	18	0	18	80	98	98	5	23	0	23	80	103	0	103	52	155	0	155
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		131	North-South:		195	North-South:			264	North-South:			328	North-South:			658
		East-West:		209	East-West:		242	East-West:			305	East-West:			338	East-West:			342
		SUM:		340	SUM:		437	SUM:			569	SUM:			666	SUM:			1000
VOLUME/CAPACITY (V/C) RATIO:				0.227			0.291				0.379				0.444				0.667
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.127			0.191				0.279				0.344				0.567
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.065 | Δv/c after mitigation: 0.288

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	30	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	28	1	28	0	28	28	6	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	192	1	107	4	196	111	148	342	1	185	4	346	1	189	0	346	1	189
	Through-Right		1							1				1				1	
	Right	22	0	22	4	26	26	5	27	0	27	4	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	5	1	5	45	50	50	5	10	1	10	45	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	258	1	145	1264	1522	777	171	432	1	237	1264	1696	1	869	0	1696	1	869
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	10	42	0	42	0	42	0	42	0	42	0	42
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	18	0	18	33	51	51	9	27	0	27	33	60	0	60	0	60	0	60
	Left-Through		1							1				1				1	
	Through	241	0	136	86	327	264	77	321	0	202	86	407	0	346	0	407	0	346
	Through-Right		1							1				1				1	
	Right	12	0	136	137	149	264	16	28	0	202	137	165	0	346	0	165	0	346
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	7	0	7	0	7	7	3	10	0	10	0	10	0	10	0	10	0	10
	Left-Through		1							1				1				1	
	Through	283	0	153	-14	269	149	83	369	0	209	-14	355	0	202	0	355	0	202
	Through-Right		1							1				1				1	
	Right	15	0	153	0	15	149	14	29	0	209	0	29	0	202	0	29	0	202
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		173	North-South:		805	North-South:			271	North-South:			903	North-South:			903
		East-West:		171	East-West:		271	East-West:			236	East-West:			356	East-West:			356
		SUM:		344	SUM:		1076	SUM:			507	SUM:			1259	SUM:			1259
VOLUME/CAPACITY (V/C) RATIO:				0.229			0.717				0.338				0.839				0.839
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.129			0.617				0.238				0.739				0.739
LEVEL OF SERVICE (LOS):				A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.501 | Δv/c after mitigation: 0.501

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	31	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	32	1	32	-1	31	31	0	32	1	32	-1	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	228	1	133	0	228	133	114	345	1	191	0	345	1	191	0	345	1	191
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	233	1	129	58	291	154	115	351	1	194	58	409	1	219	0	409	1	219
	Through-Right		1							1				1				1	
	Right	24	0	24	-7	17	17	12	36	0	36	-7	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	43	1	43	0	43	43	9	53	1	53	0	53	1	53	0	53	1	53
	Left-Through		0							0				0				0	
	Through	208	1	208	92	300	300	78	289	1	289	92	381	1	381	0	381	1	381
	Through-Right		0							0				0				0	
	Right	37	1	21	43	80	65	0	37	1	21	43	80	1	65	0	80	1	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	19	1	19	0	19	19	0	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	213	0	244	-6	207	238	89	305	0	336	-6	299	0	330	0	299	0	330
	Through-Right		1							1				1				1	
	Right	31	0	0	0	31	0	0	31	0	0	0	31	0	0	0	31	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		161	North-South:		185	North-South:			226	North-South:			250	North-South:			250
		East-West:		287	East-West:		319	East-West:			389	East-West:			400	East-West:			400
		SUM:		448	SUM:		504	SUM:			615	SUM:			650	SUM:			650
VOLUME/CAPACITY (V/C) RATIO:				0.299			0.336				0.410				0.433				0.433
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.199			0.236				0.310				0.333				0.333
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.023 | Δv/c after mitigation: 0.023

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	32	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	36	1	36	0	36	36	0	36	1	36	0	36	1	36	0	36	1	36
	Left-Through		0							0				0				0	
	Through	361	1	201	3	364	202	135	500	2	250	3	503	2	252	0	503	2	252
	Through-Right		1							1				0				0	
	Right	40	0	40	0	40	40	0	40	1	40	0	40	1	40	0	40	1	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	1	9	0	9	9	0	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	306	1	162	6	312	165	136	446	0	478	6	452	0	483	0	452	0	483
	Through-Right		1							1				1				1	
	Right	18	0	18	-1	17	17	14	32	0	0	-1	31	0	0	0	31	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	45	1	45	24	69	69	21	67	1	67	24	91	1	91	0	91	1	91
	Left-Through		0							0				0				0	
	Through	155	0	187	68	223	255	57	214	0	246	68	282	0	314	0	282	0	314
	Through-Right		1							1				1				1	
	Right	32	0	0	0	32	0	0	32	0	0	0	32	0	0	0	32	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through		0							0				0				0	
	Through	228	0	285	-5	223	280	75	306	0	366	-5	301	0	361	0	301	0	361
	Through-Right		1							1				1				1	
	Right	34	0	0	0	34	0	3	37	0	0	0	37	0	0	0	37	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		210	North-South:		211	North-South:			514	North-South:			519	North-South:			519
		East-West:		330	East-West:		349	East-West:			433	East-West:			452	East-West:			452
		SUM:		540	SUM:		560	SUM:			947	SUM:			971	SUM:			971
VOLUME/CAPACITY (V/C) RATIO:				0.360			0.373				0.631				0.647				0.647
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.260			0.273				0.531				0.547				0.547
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.016 | Δv/c after mitigation: 0.016

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	33	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			1		1
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			2		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	101	0	101	0	101	101	33	135	0	135	0	135	0	135	0	135	0	135
	Left-Through		0							0				0				0	
	Through	17	0	118	0	17	118	0	17	0	152	0	17	0	152	0	17	0	152
	Through-Right		0							0				0				0	
	Right	153	1	56	255	408	195	83	238	1	108	255	493	1	247	0	493	1	247
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through		0							0				0				0	
	Through	78	0	90	0	78	90	0	79	0	91	0	79	0	91	0	79	0	91
	Through-Right		0							0				0				0	
	Right	9	0	0	0	9	0	0	9	0	0	0	9	0	0	0	9	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	12	1	12	0	12	12	0	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	858	2	341	150	1008	391	266	1134	2	435	150	1284	2	485	0	1284	2	485
	Through-Right		1							1				1				1	
	Right	166	0	166	0	166	166	3	171	0	171	0	171	0	171	0	171	0	171
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	194	1	194	233	427	427	64	260	1	260	233	493	1	493	0	493	1	493
	Left-Through		0							0				0				0	
	Through	715	2	246	361	1076	366	238	962	2	328	371	1333	2	452	448	1781	2	601
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		208	North-South:		285	North-South:			243	North-South:			338	North-South:			338
		East-West:		535	East-West:		818	East-West:			695	East-West:			978	East-West:			978
		SUM:		743	SUM:		1103	SUM:			938	SUM:			1316	SUM:			1316
VOLUME/CAPACITY (V/C) RATIO:				0.540			0.802				0.682				0.957				0.957
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.440			0.702				0.582				0.857				0.857
LEVEL OF SERVICE (LOS):				A			C				A				D				D

PROJECT IMPACT

Change in v/c due to project: 0.275 Δv/c after mitigation: 0.275

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	34	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	SR 110 SB Off-Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	1
ATSAC-1 or ATSAC+ATCS-2?			1		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	446	2	223	233	679	340	67	518	2	259	233	751	2	376	0	751	2	376
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	221	1	221	-171	50	50	63	287	1	287	-261	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	325
	Through-Right		0							0				0				0	
	Right	275	2	151	165	440	242	116	394	2	217	255	649	2	357	0	649	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		223	North-South:		340	North-South:			259	North-South:			376	North-South:			376
		East-West:		221	East-West:		242	East-West:			287	East-West:			357	East-West:			325
		SUM:		444	SUM:		582	SUM:			546	SUM:			733	SUM:			701
VOLUME/CAPACITY (V/C) RATIO:				0.296			0.388				0.364				0.489				0.467
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.196			0.288				0.264				0.389				0.367
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.125 Δv/c after mitigation: 0.103

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	35	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/19/2012
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			2		2
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			2		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	190	1	105	-171	19	10	63	255	1	140	-255	0	1	0	0	0	1	0
	Left-Through		1							1				1				1	
	Through	415	0	462	233	648	695	67	487	0	535	233	720	0	384	0	720	1	256
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	0	48	0	48	0	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	93	1	93	0	93	93	7	101	1	101	0	101	1	101	0	101	1	101
	Through-Right		0							0				0				0	
	Right	205	1	205	0	205	205	0	207	1	207	0	207	1	207	0	207	1	207
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	289	0	289	920	1209	1209	104	396	0	396	848	1244	0	1244	0	1244	1	622
	Left-Through		1							1				1				1	
	Through	161	1	161	-161	0	0	8	171	1	171	-171	0	1	0	0	0	0	622
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		462	North-South:		695	North-South:			535	North-South:			384	North-South:			256
		East-West:		494	East-West:		1414	East-West:			603	East-West:			1451	East-West:			829
		SUM:		956	SUM:		2109	SUM:			1138	SUM:			1835	SUM:			1085
VOLUME/CAPACITY (V/C) RATIO:				0.671			1.480				0.799				1.288				0.761
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.571			1.380				0.699				1.188				0.661
LEVEL OF SERVICE (LOS):				A			F				B				F				B

PROJECT IMPACT

Change in v/c due to project: 0.489 Δv/c after mitigation: -0.038

Significant impacted? YES Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	36	North-South Street:	Convention Center Drive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	3
ATSAC-1 or ATSAC+ATCS-2?			2		2
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	132	1	68	113	245	135	0	134	1	69	113	247	1	136	0	247	1	136
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	71	1	61	19	90	80	0	72	1	62	19	91	1	81	0	91	1	81
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	14	1	14	7	21	21	0	14	1	14	7	21	1	21	0	21	1	21
	Left-Through		0							0				0				0	
	Through	549	2	275	22	571	286	51	607	2	304	22	629	2	315	0	629	2	315
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	373	2	187	279	652	326	48	425	2	213	279	704	2	352	218	922	2	461
	Through-Right		0							0				0				0	
	Right	82	1	14	157	239	104	13	96	1	27	157	253	1	117	0	253	1	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		68	North-South:		135	North-South:			69	North-South:			136	North-South:			136
		East-West:		275	East-West:		347	East-West:			304	East-West:			373	East-West:			482
		SUM:		343	SUM:		482	SUM:			373	SUM:			509	SUM:			618
VOLUME/CAPACITY (V/C) RATIO:				0.229			0.321				0.249				0.339				0.412
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.129			0.221				0.149				0.239				0.312
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.090 Δv/c after mitigation: 0.163

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	37	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	No. of Phases			4			4			4			4			4			4			4	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	3	NB-- 0	SB--	3	NB--	0 SB--	3	NB--	0 SB--	3	NB--	0 SB--	3	NB--	0 SB--	3	NB--	0 SB--	3	
		EB-- 3	WB--	0	EB-- 3	WB--	0	EB--	3 WB--	0	EB--	3 WB--	0	EB--	3 WB--	0	EB--	3 WB--	0	EB--	3 WB--	0	
	ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2	
	Override Capacity			0			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	131	1	**131**	8	139	**139**	0	133	1	133	8	141	1	141	218	359	1	**359**
	Left-Through		0							0				0				0	
	Through	1433	3	369	54	1487	383	458	1908	3	**489**	-18	1890	3	**503**	-1318	572	3	191
	Through-Right		1							1				1				1	
	Right	44	0	44	0	44	44	3	48	0	48	72	120	0	120	204	324	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	22	1	22	47	69	69	3	25	1	**25**	47	72	1	**72**	0	72	1	72
	Left-Through		0							0				0				0	
	Through	519	2	**260**	227	746	**373**	25	550	2	275	137	687	2	344	-276	411	2	**206**
	Through-Right		0							0				0				0	
	Right	29	1	0	57	86	0	18	47	1	0	57	104	1	0	0	104	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	97	1	**97**	26	123	**123**	14	112	1	**112**	26	138	1	**138**	0	138	1	**138**
	Left-Through		0							0				0				0	
	Through	256	2	128	10	266	133	37	296	2	148	10	306	2	153	0	306	2	153
	Through-Right		0							0				0				0	
	Right	136	1	5	100	236	97	0	138	1	5	100	238	1	97	0	238	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	62	0	62	121	183	183	0	63	0	63	211	274	0	274	275	549	0	549
	Left-Through		1							1				1				1	
	Through	236	0	**218**	371	607	**533**	43	282	0	**260**	371	653	0	**665**	0	653	0	**782**
	Through-Right		1							1				1				1	
	Right	75	0	218	18	93	533	35	111	0	260	18	129	0	665	0	129	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		391	North-South:		512	North-South:			514	North-South:			575	North-South:			565
		East-West:		315	East-West:		656	East-West:			372	East-West:			803	East-West:			920
		SUM:		706	SUM:		1168	SUM:			886	SUM:			1378	SUM:			1485
	VOLUME/CAPACITY (V/C) RATIO:			0.513			0.849				0.644				1.002				1.080
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.413			0.749				0.544				0.902				0.980
	LEVEL OF SERVICE (LOS):			A			C				A				E				E

PROJECT IMPACT

Change in v/c due to project: 0.358 Δv/c after mitigation: 0.436

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	38	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	No. of Phases			3			3			3			3			3			3			3	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	
	ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2	
	Override Capacity			0			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	27	1	27	0	27	27	3	30	1	30	0	30	1	30	82	112	1	112
	Left-Through		0							0				0				0	
	Through	422	2	**211**	451	873	**437**	530	957	2	**343**	451	1408	2	**509**	-885	523	2	**214**
	Through-Right		0							1				1				1	
	Right	52	1	52	48	100	100	18	71	0	71	48	119	0	119	0	119	0	119
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	259	1	**165**	57	316	194	42	304	1	188	129	433	1	253	204	637	1	355
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	0	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	27	0	**27**	185	212	212	7	34	0	34	185	219	0	219	403	622	0	622
	Left-Through		1							1				1				1	
	Through	313	1	184	462	775	**600**	60	377	1	**223**	552	929	1	**684**	275	1204	1	**1204**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		211	North-South:		437	North-South:			343	North-South:			509	North-South:			214
		East-West:		192	East-West:		600	East-West:			223	East-West:			684	East-West:			1204
		SUM:		403	SUM:		1037	SUM:			566	SUM:			1193	SUM:			1418
	VOLUME/CAPACITY (V/C) RATIO:			0.283			0.728				0.397				0.837				0.995
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.183			0.628				0.297				0.737				0.895
	LEVEL OF SERVICE (LOS):			A			B				A				C				D

PROJECT IMPACT

Change in v/c due to project: 0.440 Δv/c after mitigation: 0.598

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	39	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	No. of Phases			2			2			2			2			2			2			2	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	
	ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2	
	Override Capacity			0			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	39	0	39	92	131	131	5	44	0	44	92	136	0	136	107	243	0	243
	Left-Through		1							1				1				1	
	Through	375	3	**104**	1115	1490	**405**	472	852	3	**224**	1115	1967	3	**526**	428	2395	3	660
	Through-Right		0							0				0				0	
	Right	34	1	34	92	126	126	26	60	1	60	182	242	1	242	679	921	1	**921**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	182	1	**126**	18	200	**156**	35	219	1	**150**	18	237	1	**216**	286	523	1	**359**
	Through-Right		1							1				1				1	
	Right	69	0	69	43	112	112	10	80	0	80	115	195	0	195	0	195	0	195
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	28	0	**28**	319	347	**347**	0	28	0	**28**	319	347	0	**347**	0	347	0	**347**
	Left-Through		1							1				1				1	
	Through	203	1	116	195	398	398	36	241	1	135	195	436	1	436	0	436	1	436
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		104	North-South:		405	North-South:			224	North-South:			526	North-South:			921
		East-West:		154	East-West:		503	East-West:			178	East-West:			563	East-West:			706
		SUM:		258	SUM:		908	SUM:			402	SUM:			1089	SUM:			1627
	VOLUME/CAPACITY (V/C) RATIO:			0.172			0.605				0.268				0.726				1.085
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.086			0.505				0.168				0.626				0.985
	LEVEL OF SERVICE (LOS):			A			A				A				B				E

PROJECT IMPACT

Change in v/c due to project: 0.458 Δv/c after mitigation: 0.817

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	40	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9//2012
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	No. of Phases			2			2			2			2			2			2			2	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	
	ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2	
	Override Capacity			0			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	58	0	58	423	481	481	19	78	0	78	423	501	0	501	0	501	0	501
	Left-Through		1							1				1				1	
	Through	357	2	**110**	238	595	298	518	879	2	**245**	238	1117	2	539	1114	2231	2	**894**
	Through-Right		1							1				1				1	
	Right	23	0	110	819	842	**842**	0	23	0	245	819	842	0	**842**	0	842	0	894
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	30	0	**30**	3	33	**33**	35	65	0	**65**	3	68	0	**68**	286	354	0	**354**
	Left-Through		1							1				1				1	
	Through	193	1	112	107	300	167	4	199	1	132	107	306	1	221	107	413	1	413
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	167	1	**94**	91	258	**140**	17	186	1	**111**	91	277	1	**157**	0	277	1	**157**
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	15	36	0	36	0	36	0	36	0	36	0	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		110	North-South:		842	North-South:			245	North-South:			842	North-South:			894
		East-West:		124	East-West:		173	East-West:			176	East-West:			225	East-West:			511
		SUM:		234	SUM:		1015	SUM:			421	SUM:			1067	SUM:			1405
	VOLUME/CAPACITY (V/C) RATIO:			0.156			0.677				0.281				0.711				0.937
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.078			0.577				0.181				0.611				0.837
	LEVEL OF SERVICE (LOS):			A			A				A				B				D

PROJECT IMPACT

Change in v/c due to project: 0.430 Δv/c after mitigation: 0.656

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	41	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/10/2012
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	193	3	64	948	1141	380	212	407	3	136	948	1355	3	452	428	1783	3	**588**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	284	1	**156**	528	812	**447**	270	557	1	**306**	600	1157	1	**636**	0	1157	1	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	73	0	73	64	137	137	28	102	0	102	64	166	0	166	0	166	0	166
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	598	1	**336**	276	874	**506**	135	740	1	**421**	276	1016	1	**591**	0	1016	2	**394**
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	156		North-South:	447		North-South:		306		North-South:		636		North-South:		588
		East-West:	336		East-West:	506		East-West:		421		East-West:		591		East-West:		394
		SUM:	492		SUM:	953		SUM:		727		SUM:		1227		SUM:		982
VOLUME/CAPACITY (V/C) RATIO:			0.328			0.635				0.485				0.818				0.655
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.228			0.535				0.385				0.718				0.555
LEVEL OF SERVICE (LOS):			A			A				A				C				A

PROJECT IMPACT

Change in v/c due to project: 0.333 | Δv/c after mitigation: 0.170

Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	42	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	81	0	81	51	132	132	33	115	0	115	51	166	0	166	0	166	0	166
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	458	3	**135**	13	471	**151**	352	816	3	**233**	13	829	3	**249**	1114	1943	3	**527**
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	615	1	**373**	289	904	**646**	130	752	1	**535**	289	1041	1	**808**	0	1041	2	521
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	131	0	131	256	387	387	185	318	0	318	256	574	0	574	0	574	0	**574**
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	135		North-South:	151		North-South:		233		North-South:		249		North-South:		527
		East-West:	373		East-West:	646		East-West:		535		East-West:		808		East-West:		574
		SUM:	508		SUM:	797		SUM:		768		SUM:		1057		SUM:		1101
VOLUME/CAPACITY (V/C) RATIO:			0.339			0.531				0.512				0.705				0.734
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.239			0.431				0.412				0.605				0.634
LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.193 | Δv/c after mitigation: 0.222

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	43	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/10/2012
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	59	0	**59**	0	59	**59**	10	70	0	**70**	0	70	0	**70**	0	70	0	**70**
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	153	1	106	0	153	153	137	292	1	216	0	292	1	292	0	292	1	292
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	209	1	**140**	1719	1928	**1109**	129	341	1	**230**	1719	2060	1	**1199**	-273	1787	1	**1063**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	70	0	70	220	290	290	47	118	0	118	220	338	1	338	0	338	0	338
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	8	0	8	0	8	8	25	33	0	33	0	33	0	33	0	33	0	33
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	459	0	**256**	235	694	**374**	258	723	0	**408**	235	958	0	**526**	0	958	1	**350**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	45	0	256	0	45	374	14	60	0	408	0	60	0	526	0	60	0	350
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	199		North-South:	1168		North-South:		300		North-South:		1269		North-South:		1133
		East-West:	256		East-West:	374		East-West:		408		East-West:		526		East-West:		350
		SUM:	455		SUM:	1542		SUM:		708		SUM:		1795		SUM:		1483
VOLUME/CAPACITY (V/C) RATIO:			0.303			1.028				0.472				1.197				0.989
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.203			0.928				0.372				1.097				0.889
LEVEL OF SERVICE (LOS):			A			E				A				F				D

PROJECT IMPACT

Change in v/c due to project: 0.725 | Δv/c after mitigation: 0.517

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	44	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/10/2012
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	43	1	**43**	0	43	**43**	0	44	1	**44**	0	44	1	**44**	0	44	1	**44**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	303	2	152	0	303	152	116	423	2	212	0	423	2	212	0	423	2	212
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	320	1	**191**	181	501	**281**	105	429	1	**250**	181	610	1	**341**	0	610	1	**341**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	61	0	61	0	61	61	9	71	0	71	0	71	0	71	0	71	0	71
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	29	0	29	0	29	29	11	40	0	40	0	40	0	40	0	40	0	40
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	385	0	**217**	235	620	**337**	289	679	0	**375**	235	914	0	**495**	0	914	1	**330**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	20	0	217	5	25	337	10	30	0	375	5	35	0	495	0	35	0	330
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	234		North-South:	324		North-South:		294		North-South:		385		North-South:		385
		East-West:	217		East-West:	337		East-West:		375		East-West:		495		East-West:		330
		SUM:	451		SUM:	661		SUM:		669		SUM:		880		SUM:		715
VOLUME/CAPACITY (V/C) RATIO:			0.301			0.441				0.446				0.587				0.477
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.201			0.341				0.346				0.487				0.377
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.141 | Δv/c after mitigation: 0.031

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	45	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/10/2012
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	46	1	**46**	0	46	**46**	4	51	1	**51**	0	51	1	**51**	0	51	1	**51**
	Left-Through		0							0				0				0	
	Through	352	2	176	0	352	176	115	471	2	236	0	471	2	236	0	471	2	236
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	316	1	**210**	1	317	**211**	114	434	1	**279**	1	435	1	**279**	0	435	1	**279**
	Through-Right		1							1				1				1	
	Right	104	0	104	0	104	104	18	123	0	123	0	123	0	123	0	123	0	123
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	57	0	57	0	57	57	101	159	0	159	0	159	0	159	0	159	0	159
	Left-Through		1							1				1				1	
	Through	434	0	**259**	239	673	**378**	288	727	0	**466**	239	966	0	**586**	0	966	1	**390**
	Through-Right		1							1				1				1	
	Right	26	0	259	0	26	378	20	46	0	466	0	46	0	586	0	46	0	390
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		256	North-South:		257	North-South:			330	North-South:			330	North-South:			330
		East-West:		259	East-West:		378	East-West:			466	East-West:			586	East-West:			390
		SUM:		515	SUM:		635	SUM:			796	SUM:			916	SUM:			720
VOLUME/CAPACITY (V/C) RATIO:				0.343			0.423				0.531				0.611				0.480
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.243			0.323				0.431				0.511				0.380
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.080 | Δv/c after mitigation: -0.051
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	46	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/10/2012
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	10	1	**10**	0	10	**10**	0	10	1	**10**	0	10	1	**10**	0	10	1	**10**
	Left-Through		0							0				0				0	
	Through	75	2	38	0	75	38	6	82	2	41	0	82	2	41	0	82	2	41
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	453	1	**289**	1	454	**289**	19	477	1	**304**	1	478	1	**305**	0	478	1	**305**
	Through-Right		1							1				1				1	
	Right	124	0	124	0	124	124	6	131	0	131	0	131	0	131	0	131	0	131
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	76	0	76	0	76	76	0	77	0	77	0	77	0	77	0	77	0	77
	Left-Through		1							1				1				1	
	Through	379	0	**287**	239	618	**406**	403	787	0	**505**	239	1026	0	**624**	0	1026	1	**416**
	Through-Right		1							1				1				1	
	Right	118	0	287	0	118	406	26	145	0	505	0	145	0	624	0	145	0	416
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		299	North-South:		299	North-South:			314	North-South:			315	North-South:			315
		East-West:		287	East-West:		406	East-West:			505	East-West:			624	East-West:			416
		SUM:		586	SUM:		705	SUM:			819	SUM:			939	SUM:			731
VOLUME/CAPACITY (V/C) RATIO:				0.391			0.470				0.546				0.626				0.487
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.291			0.370				0.446				0.526				0.387
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.080 | Δv/c after mitigation: -0.059
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	47	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	8	1	8	0	8	8	0	8	1	8	0	8	1	8	0	8	1	8
	Left-Through		0							0				0				0	
	Through	245	3	**82**	293	538	**179**	431	679	3	**226**	293	972	3	**324**	-124	848	3	**283**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	86	1	**50**	11	97	**56**	35	122	1	**68**	11	133	1	**74**	908	1041	1	**608**
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		82	North-South:		179	North-South:			226	North-South:			324	North-South:			283
		East-West:		50	East-West:		56	East-West:			68	East-West:			74	East-West:			608
		SUM:		132	SUM:		235	SUM:			294	SUM:			398	SUM:			891
VOLUME/CAPACITY (V/C) RATIO:				0.093			0.165				0.206				0.279				0.625
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.046			0.082				0.106				0.179				0.525
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.073 | Δv/c after mitigation: 0.419
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	48	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 3 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	124	2	**68**	51	175	**96**	0	125	2	**69**	51	176	2	**97**	0	176	2	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	119	1	**119**	325	444	**444**	62	182	1	**182**	325	507	1	**507**	-94	413	1	413
	Left-Through		0							0				0				0	
	Through	149	3	50	704	853	284	177	328	3	109	704	1032	3	344	522	1554	3	**518**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	639	2	**213**	13	652	**217**	282	929	2	**310**	13	942	2	**314**	908	1850	2	**617**
	Through-Right		1							1				1				1	
	Right	56	1	56	0	56	56	79	136	1	136	0	136	1	136	0	136	1	136
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		187	North-South:		540	North-South:			251	North-South:			604	North-South:			518
		East-West:		213	East-West:		217	East-West:			310	East-West:			314	East-West:			617
		SUM:		400	SUM:		757	SUM:			561	SUM:			918	SUM:			1135
VOLUME/CAPACITY (V/C) RATIO:				0.281			0.531				0.394				0.644				0.796
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.181			0.431				0.294				0.544				0.696
LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.250 | Δv/c after mitigation: 0.402
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
49	Olive	2011	0.2	Eric Ji	1/9/2012
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	18th	2017			LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	193	3	53	0	193	64	172	367	3	96	0	367	3	122	206	573	3	191
	Through-Right		1							1				1				1	
	Right	18	0	18	330	348	348	0	18	0	18	330	348	0	348	0	348	0	348
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	345	1	345	64	409	409	212	561	1	561	64	625	1	625	908	1533	1	1533
	Left-Through		0							0				0				0	
	Through	539	2	270	325	864	432	132	678	2	339	325	1003	2	502	-94	909	2	455
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South: 53 / East-West: 345 / SUM: 398			North-South: 348 / East-West: 432 / SUM: 780			North-South: 96 / East-West: 561 / SUM: 657				North-South: 348 / East-West: 625 / SUM: 973				North-South: 348 / East-West: 1533 / SUM: 1881			
VOLUME/CAPACITY (V/C) RATIO:				0.265			0.520				0.438				0.649				1.254
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.165			0.420				0.338				0.549				1.154
LEVEL OF SERVICE (LOS):				A			A				A				A				F

PROJECT IMPACT

Change in v/c due to project: 0.211 | Δv/c after mitigation: 0.816
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
50	Hill	2011	0.2	Eric Ji	1/10/2012
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	18th	2017			LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	197	1	122	0	197	122	130	329	1	189	0	329	1	189	0	329	1	189
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	0	48	0	48	0	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	57	0	57	1102	1159	1159	15	73	0	73	1102	1175	0	1175	-273	902	0	902
	Left-Through		1							1				1				1	
	Through	169	1	113	618	787	787	138	309	1	228	618	927	1	927	0	927	1	927
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	21	1	21	0	21	21	17	38	1	38	0	38	1	38	0	38	0	38
	Left-Through		0							0				0				1	
	Through	507	1	261	655	1162	589	115	628	1	322	655	1283	1	649	-94	1189	1	414
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	414
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South: 179 / East-West: 261 / SUM: 440			North-South: 1281 / East-West: 589 / SUM: 1870			North-South: 262 / East-West: 322 / SUM: 584				North-South: 1364 / East-West: 649 / SUM: 2013				North-South: 1091 / East-West: 414 / SUM: 1505			
VOLUME/CAPACITY (V/C) RATIO:				0.293			1.247				0.389				1.342				1.003
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.193			1.147				0.289				1.242				0.903
LEVEL OF SERVICE (LOS):				A			F				A				F				E

PROJECT IMPACT

Change in v/c due to project: 0.953 | Δv/c after mitigation: 0.614
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
51	Broadway	2011	0.2	Eric Ji	1/10/2012
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	18th	2017			LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	324	1	196	0	324	196	116	444	1	265	0	444	1	265	0	444	1	265
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	16	85	0	85	0	85	0	85	0	85	0	85
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	47	1	47	146	193	193	10	58	1	58	146	204	1	204	0	204	1	204
	Left-Through		0							0				0				0	
	Through	291	2	146	35	326	163	107	402	2	201	35	437	2	219	0	437	2	219
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	36	1	36	0	36	36	0	36	1	36	0	36	1	36	0	36	0	36
	Left-Through		0							0				1				1	
	Through	553	1	283	1757	2310	1162	112	672	1	352	1757	2429	1	1231	-367	2062	1	710
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	19	32	0	32	0	32	0	32	0	32	0	710
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South: 243 / East-West: 283 / SUM: 526			North-South: 389 / East-West: 1162 / SUM: 1551			North-South: 323 / East-West: 352 / SUM: 675				North-South: 469 / East-West: 1231 / SUM: 1700				North-South: 469 / East-West: 710 / SUM: 1179			
VOLUME/CAPACITY (V/C) RATIO:				0.351			1.034				0.450				1.133				0.786
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.251			0.934				0.350				1.033				0.686
LEVEL OF SERVICE (LOS):				A			E				A				F				B

PROJECT IMPACT

Change in v/c due to project: 0.683 | Δv/c after mitigation: 0.336
Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
52	Main	2011	0.2	Eric Ji	1/9/2012
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	18th	2017			LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	368	1	256	0	368	256	104	476	1	376	0	476	1	376	0	476	1	376
	Through-Right		1							1				1				1	
	Right	144	0	144	0	144	144	129	275	0	275	0	275	0	275	0	275	0	275
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	61	1	61	0	61	61	17	79	1	79	0	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	319	2	160	1	320	160	198	521	2	261	1	522	2	261	0	522	2	261
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	40	0	40	0	40	40	16	56	0	56	0	56	0	56	0	56	0	56
	Left-Through		0							1				1				1	
	Through	551	1	296	1902	2453	1247	114	672	1	364	1902	2574	1	1315	-367	2207	1	1132
	Through-Right		1							0				1				0	
	Right	62	1	62	0	62	62	9	72	1	72	0	72	1	72	0	72	1	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South: 317 / East-West: 296 / SUM: 613			North-South: 317 / East-West: 1247 / SUM: 1564			North-South: 455 / East-West: 364 / SUM: 819				North-South: 455 / East-West: 1315 / SUM: 1770				North-South: 455 / East-West: 1132 / SUM: 1587			
VOLUME/CAPACITY (V/C) RATIO:				0.409			1.043				0.546				1.180				1.058
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.309			0.943				0.446				1.080				0.958
LEVEL OF SERVICE (LOS):				A			E				A				F				E

PROJECT IMPACT

Change in v/c due to project: 0.634 | Δv/c after mitigation: 0.512
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	53	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/10/2012
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EB--	WB--	NB--	SB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0

	EB--	WB--	NB--	SB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	130	1	70	0	130	70	4	136	1	73	0	136	1	73	0	136	1	73
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	9	1	9	0	9	9	0	9	1	9	0	9	1	9	0	9	1	9
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	220	2	110	1	221	111	0	223	2	112	1	224	2	112	0	224	2	112
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	648	1	648	1902	2550	2550	260	916	1	916	1902	2818	1	2818	-367	2451	2	1348
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	79	1	53	0	79	53	0	80	1	53	0	80	1	53	0	80	1	53
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		110	North-South:		111	North-South:			112	North-South:			112	North-South:			112
	East-West:		648	East-West:		2550	East-West:			916	East-West:			2818	East-West:			1348
	SUM:		758	SUM:		2661	SUM:			1028	SUM:			2930	SUM:			1460
VOLUME/CAPACITY (V/C) RATIO:			0.505			1.774				0.685				1.953				0.973
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.405			1.674				0.585				1.853				0.873
LEVEL OF SERVICE (LOS):			A			F				A				F				D

PROJECT IMPACT

Change in v/c due to project: 1.268 | Δv/c after mitigation: 0.288
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	54	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/10/2012
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EB--	WB--	NB--	SB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0

	EB--	WB--	NB--	SB--
No. of Phases	4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	128	1	128	9	137	137	7	137	1	137	9	146	1	146	0	146	1	146
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	969	3	254	51	1020	267	535	1516	3	402	51	1567	3	414	-45	1522	3	414
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	48	0	48	0	48	48	41	90	0	90	0	90	0	90	45	135	0	135
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	54	1	54	51	105	105	0	55	1	55	51	106	1	106	0	106	1	106
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	396	1	258	55	451	391	6	407	1	268	55	462	1	401	0	462	1	401
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	119	0	119	212	331	331	8	128	0	128	212	340	0	340	0	340	0	340
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	92	1	92	9	101	101	23	116	1	116	9	125	1	125	0	125	1	125
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	431	2	167	0	431	167	51	487	2	188	0	487	2	188	0	487	2	188
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	71	0	71	0	71	71	4	76	0	76	0	76	0	76	0	76	0	76
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	101	1	101	45	146	146	36	138	1	138	45	183	1	183	0	183	1	183
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	506	2	197	614	1120	403	82	594	2	236	614	1208	2	441	53	1261	3	420
WESTBOUND Through-Right		1							1				1				0	
WESTBOUND Right	85	0	85	3	88	88	27	113	0	113	3	116	0	116	0	116	1	63
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		386	North-South:		528	North-South:			457	North-South:			547	North-South:			547
	East-West:		289	East-West:		504	East-West:			352	East-West:			566	East-West:			545
	SUM:		675	SUM:		1032	SUM:			809	SUM:			1113	SUM:			1092
VOLUME/CAPACITY (V/C) RATIO:			0.491			0.751				0.588				0.809				0.794
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.391			0.651				0.488				0.709				0.694
LEVEL OF SERVICE (LOS):			A			B				A				C				B

PROJECT IMPACT

Change in v/c due to project: 0.221 | Δv/c after mitigation: 0.206
Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	55	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EB--	WB--	NB--	SB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0

	EB--	WB--	NB--	SB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	27	1	27	5	32	32	9	36	1	36	5	41	1	41	0	41	1	41
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	150	2	75	234	384	173	399	551	2	219	234	785	2	315	-124	661	2	273
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	82	0	82	54	136	136	22	105	0	105	54	159	0	159	0	159	0	159
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	529	2	265	10	539	270	86	621	2	311	10	631	2	316	45	676	2	338
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	15	1	15	40	55	55	6	21	1	21	40	61	1	61	0	61	1	61
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	82	82	0	0	0	0	0	82	82	0	0	0	82	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	636	2	318	608	1244	622	123	767	2	384	608	1375	2	688	53	1428	2	714
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		82	North-South:		173	North-South:			219	North-South:			315	North-South:			273
	East-West:		318	East-West:		622	East-West:			384	East-West:			688	East-West:			714
	SUM:		400	SUM:		795	SUM:			603	SUM:			1003	SUM:			987
VOLUME/CAPACITY (V/C) RATIO:			0.267			0.530				0.402				0.669				0.658
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.167			0.430				0.302				0.569				0.558
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.267 | Δv/c after mitigation: 0.256
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	56	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EB--	WB--	NB--	SB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0

	EB--	WB--	NB--	SB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	35	1	35	11	46	46	0	35	1	35	11	46	1	46	0	46	1	46
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	119	0	158	51	170	209	0	120	0	166	51	171	0	217	0	171	0	217
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	39	0	0	0	39	0	7	46	0	0	0	46	0	0	0	46	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	45	1	45	62	107	107	50	96	1	96	62	158	1	158	345	503	1	503
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	131	2	66	303	434	217	190	323	2	162	303	626	2	313	124	750	2	375
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	64	1	64	345	409	409	15	80	1	80	345	425	1	425	53	478	1	478
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	515	1	273	15	530	280	95	616	1	323	15	631	1	331	206	837	1	434
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	30	0	30	0	30	30	0	30	0	30	0	30	0	30	0	30	0	30
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	23	1	23	0	23	23	4	27	1	27	0	27	1	27	0	27	1	27
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	480	1	243	334	814	410	107	593	1	300	334	927	1	467	0	927	1	467
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		203	North-South:		455	North-South:			262	North-South:			471	North-South:			720
	East-West:		296	East-West:		410	East-West:			350	East-West:			467	East-West:			467
	SUM:		499	SUM:		865	SUM:			612	SUM:			938	SUM:			1187
VOLUME/CAPACITY (V/C) RATIO:			0.350			0.607				0.429				0.658				0.833
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.250			0.507				0.329				0.558				0.733
LEVEL OF SERVICE (LOS):			A			A				A				A				C

PROJECT IMPACT

Change in v/c due to project: 0.229 | Δv/c after mitigation: 0.404
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
57	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	0 1	17	125	142	142	52	69	0 1	69	125	194	0 1	194	0	194	0 1	194
	Left-Through																		
	Through	75	1	31	320	395	234	133	209	1	93	320	529	1	296	0	529	1	296
	Through-Right		1							1				1				1	
	Right	1	0	31	165	166	234	0	1	0	93	165	166	0	296	0	166	0	296
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	51	1	51	0	51	51	38	90	1	90	0	90	1	90	206	296	1	296
	Left-Through		0							0				0				0	
	Through	497	1	263	83	580	305	113	616	1	323	83	699	1	364	345	1044	1	537
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	5	1	5	0	5	5	0	5	1	5	0	5	1	5	0	5	1	5
	Left-Through		0							0				0				0	
	Through	466	1	265	199	665	364	114	586	1	326	199	785	1	426	0	785	1	426
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	2	66	0	66	0	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		31	North-South:		234	North-South:			93	North-South:			296	North-South:			296
		East-West:		316	East-West:		415	East-West:			416	East-West:			516	East-West:			722
		SUM:		347	SUM:		649	SUM:			509	SUM:			812	SUM:			1018
VOLUME/CAPACITY (V/C) RATIO:				0.244			0.455				0.357				0.570				0.714
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.144			0.355				0.257				0.470				0.614
LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.213 | Δv/c after mitigation: 0.357
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
58	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	9	1	9	0	9	9	0	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	181	1	109	0	181	109	98	281	1	159	0	281	1	159	0	281	1	159
	Through-Right		1							1				1				1	
	Right	36	0	36	0	36	36	0	36	0	36	0	36	0	36	0	36	0	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	41	1	41	213	254	254	8	49	1	49	213	262	1	262	0	262	1	262
	Left-Through		0							0				0				0	
	Through	120	1	67	208	328	269	109	230	1	133	208	438	1	335	0	438	1	335
	Through-Right		1							1				1				1	
	Right	13	0	13	197	210	210	22	35	0	35	197	232	0	232	0	232	0	232
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	4	1	4	0	4	4	13	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	122	1	62	249	371	187	100	223	1	113	249	472	1	237	345	817	1	410
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	29	1	29	0	29	29	0	29	1	29	0	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	345	1	196	3	348	197	95	444	1	255	3	447	1	257	0	447	1	257
	Through-Right		1							1				1				1	
	Right	46	0	46	0	46	46	19	66	0	66	0	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		150	North-South:		363	North-South:			208	North-South:			421	North-South:			421
		East-West:		200	East-West:		216	East-West:			272	East-West:			274	East-West:			439
		SUM:		350	SUM:		579	SUM:			480	SUM:			695	SUM:			860
VOLUME/CAPACITY (V/C) RATIO:				0.246			0.406				0.337				0.488				0.604
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.146			0.306				0.237				0.388				0.504
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.151 | Δv/c after mitigation: 0.267
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
59	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	23	1	23	0	23	23	0	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	318	1	184	0	318	184	113	435	1	249	0	435	1	249	0	435	1	249
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	11	62	0	62	0	62	0	62	0	62	0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	35	1	35	3	38	38	29	64	1	64	3	67	1	67	0	67	1	67
	Left-Through		0							0				0				0	
	Through	239	1	135	32	271	151	95	337	1	185	32	369	1	201	0	369	1	201
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	2	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	8	1	8	0	8	8	15	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	197	1	99	461	658	330	93	292	1	147	461	753	1	377	345	1098	1	550
	Through-Right		1							1				1				1	
	Right	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	42	1	42	0	42	42	6	49	1	49	0	49	1	49	0	49	1	49
	Left-Through		0							0				0				0	
	Through	374	1	214	3	377	216	111	490	1	275	3	493	1	277	0	493	1	277
	Through-Right		1							1				1				1	
	Right	54	0	54	0	54	54	5	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		219	North-South:		222	North-South:			313	North-South:			316	North-South:			316
		East-West:		222	East-West:		372	East-West:			298	East-West:			426	East-West:			599
		SUM:		441	SUM:		594	SUM:			611	SUM:			742	SUM:			915
VOLUME/CAPACITY (V/C) RATIO:				0.309			0.417				0.429				0.521				0.642
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.209			0.317				0.329				0.421				0.542
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.092 | Δv/c after mitigation: 0.213
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
60	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	52	1	52	0	52	52	0	53	1	53	0	53	1	53	0	53	1	53
	Left-Through		0							0				0				0	
	Through	410	1	235	0	410	236	218	633	1	357	0	633	1	357	0	633	1	357
	Through-Right		1							1				1				1	
	Right	60	0	60	1	61	61	19	80	0	80	1	81	0	81	0	81	0	81
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	51	1	51	1	52	52	14	66	1	66	1	67	1	67	0	67	1	67
	Left-Through		0							0				0				0	
	Through	271	1	156	0	271	156	183	457	1	254	0	457	1	254	0	457	1	254
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	10	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	1	34	0	34	34	7	41	1	41	0	41	1	41	0	41	1	41
	Left-Through		0							0				0				0	
	Through	589	1	315	464	1053	547	126	722	1	381	464	1186	1	613	345	1531	1	786
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	0	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	33	1	33	0	33	33	0	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	468	1	263	3	471	265	112	586	1	327	3	589	1	328	0	589	1	328
	Through-Right		1							1				1				1	
	Right	58	0	58	0	58	58	8	67	0	67	0	67	0	67	0	67	0	67
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		286	North-South:		288	North-South:			423	North-South:			424	North-South:			424
		East-West:		348	East-West:		580	East-West:			414	East-West:			646	East-West:			819
		SUM:		634	SUM:		868	SUM:			837	SUM:			1070	SUM:			1243
VOLUME/CAPACITY (V/C) RATIO:				0.445			0.609				0.587				0.751				0.872
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.345			0.509				0.487				0.651				0.772
LEVEL OF SERVICE (LOS):				A			A				A				B				C

PROJECT IMPACT

Change in v/c due to project: 0.164 | Δv/c after mitigation: 0.285
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	61	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EB--	WB--	NB--	SB--
No. of Phases			3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			2	2
Override Capacity			0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	61	0	41	0	61	41	0	62	0	42	0	62	0	42	0	62	0	42
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	15	0	41	0	15	41	0	15	0	42	0	15	0	42	0	15	0	42
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	79	0	79	1	80	80	0	80	0	80	1	81	0	81	0	81	0	81
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	122	0	**140**	0	122	**141**	0	123	0	**142**	0	123	0	**142**	0	123	0	**142**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	79	0	140	0	79	141	0	80	0	142	0	80	0	142	0	80	0	142
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	33	1	**33**	0	33	33	4	37	1	**37**	0	37	1	37	0	37	1	37
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	373	1	191	467	840	**425**	83	460	1	235	467	927	1	**468**	345	1272	1	**641**
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	11	1	11	0	11	**11**	0	11	1	11	0	11	1	**11**	0	11	1	**11**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	418	1	**233**	3	421	235	102	525	1	**287**	3	528	1	289	0	528	1	289
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	48	0	48	0	48	48	0	49	0	49	0	49	0	49	0	49	0	49
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*	146		*North-South:*	147		*North-South:*		148		*North-South:*		148		*North-South:*		148
		East-West:	266		*East-West:*	436		*East-West:*		324		*East-West:*		479		*East-West:*		652
		SUM:	412		*SUM:*	583		*SUM:*		472		*SUM:*		627		*SUM:*		800
VOLUME/CAPACITY (*V/C*) RATIO:			0.289			0.409				0.331				0.440				0.561
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.189			0.309				0.231				0.340				0.461
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.109 — *Δv/c* after mitigation: 0.230

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	62	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EB--	WB--	NB--	SB--
No. of Phases			3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			2	2
Override Capacity			0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	71	1	**71**	0	71	**71**	16	88	1	**88**	0	88	1	**88**	0	88	1	**88**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	484	1	265	0	484	265	0	490	1	271	0	490	1	271	0	490	1	271
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	45	0	45	0	45	45	5	51	0	51	0	51	0	51	0	51	0	51
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	61	1	61	0	61	61	0	62	1	62	0	62	1	62	0	62	1	62
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	575	1	**315**	0	575	**315**	0	582	1	**319**	0	582	1	**319**	0	582	1	**319**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	54	0	54	0	54	54	0	55	0	55	0	55	0	55	0	55	0	55
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	122	1	122	0	122	122	0	123	1	123	0	123	1	123	0	123	1	123
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	427	1	**251**	467	894	**484**	75	507	1	**296**	467	974	1	**530**	345	1319	1	**702**
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	74	0	74	0	74	74	10	85	0	85	0	85	0	85	0	85	0	85
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	71	1	**71**	0	71	**71**	0	72	1	**72**	0	72	1	**72**	0	72	1	**72**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	356	1	198	3	359	199	89	449	1	244	3	452	1	246	0	452	1	246
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	39	0	39	0	39	39	0	39	0	39	0	39	0	39	0	39	0	39
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*	386		*North-South:*	386		*North-South:*		407		*North-South:*		407		*North-South:*		407
		East-West:	322		*East-West:*	555		*East-West:*		368		*East-West:*		602		*East-West:*		774
		SUM:	708		*SUM:*	941		*SUM:*		775		*SUM:*		1009		*SUM:*		1181
VOLUME/CAPACITY (*V/C*) RATIO:			0.497			0.660				0.544				0.708				0.829
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.397			0.560				0.444				0.608				0.729
LEVEL OF SERVICE (LOS):			A			A				A				B				C

PROJECT IMPACT

Change in *v/c* due to project: 0.164 — *Δv/c* after mitigation: 0.285

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	63	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EB--	WB--	NB--	SB--
No. of Phases			4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	3	3
ATSAC-1 or ATSAC+ATCS-2?			2	2
Override Capacity			0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	213	1	213	0	213	**213**	13	229	1	229	0	229	1	229	0	229	1	229
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1334	2	**468**	17	1351	473	573	1923	2	**667**	17	1940	2	**673**	0	1940	2	**673**
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	69	0	69	0	69	69	8	78	0	78	0	78	0	78	0	78	0	78
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	84	1	**84**	0	84	84	7	92	1	**92**	0	92	1	**92**	0	92	1	**92**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	649	2	325	165	814	**407**	165	822	2	411	165	987	2	494	0	987	2	494
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	113	1	0	0	113	0	4	118	1	0	0	118	1	0	0	118	1	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	123	1	123	0	123	123	4	128	1	128	0	128	1	128	0	128	1	128
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	431	1	**431**	0	431	**431**	12	448	1	**448**	0	448	1	**448**	0	448	1	**448**
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	218	1	112	0	218	112	7	228	1	114	0	228	1	114	0	228	1	114
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	135	1	**135**	0	135	**135**	66	203	1	**203**	0	203	1	**203**	0	203	1	**203**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	652	2	326	0	652	326	9	669	2	335	0	669	2	335	0	669	2	335
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	480	1	396	16	496	412	47	533	1	441	16	549	1	457	0	549	1	457
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*	552		*North-South:*	620		*North-South:*		759		*North-South:*		765		*North-South:*		765
		East-West:	566		*East-West:*	566		*East-West:*		651		*East-West:*		651		*East-West:*		651
		SUM:	1118		*SUM:*	1186		*SUM:*		1410		*SUM:*		1416		*SUM:*		1416
VOLUME/CAPACITY (*V/C*) RATIO:			0.813			0.863				1.025				1.030				1.030
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.713			0.763				0.925				0.930				0.930
LEVEL OF SERVICE (LOS):			C			C				E				E				E

PROJECT IMPACT

Change in *v/c* due to project: 0.005 — *Δv/c* after mitigation: 0.005

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	64	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EB--	WB--	NB--	SB--
No. of Phases			2	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	2	0	0
ATSAC-1 or ATSAC+ATCS-2?			2	2
Override Capacity			0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	165	2	**63**	628	793	**272**	436	603	2	**218**	628	1231	2	**427**	-124	1107	2	**386**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	24	0	24	0	24	24	27	51	0	51	0	51	0	51	0	51	0	51
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	369	1	304	0	369	304	26	399	1	321	0	399	1	321	0	399	1	**321**
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	239	0	239	0	239	239	0	242	0	242	0	242	0	242	0	242	0	242
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	1	0	98	98	**98**	0	0	1	0	98	98	1	98	124	222	1	**222**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	1258	2	**419**	16	1274	**430**	95	1368	2	**456**	16	1384	2	**461**	0	1384	2	461
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	0	0	0	17	17	17	13	13	1	13	17	30	1	30	0	30	1	30
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*	63		*North-South:*	272		*North-South:*		218		*North-South:*		427		*North-South:*		386
		East-West:	419		*East-West:*	430		*East-West:*		456		*East-West:*		461		*East-West:*		543
		SUM:	482		*SUM:*	702		*SUM:*		674		*SUM:*		888		*SUM:*		929
VOLUME/CAPACITY (*V/C*) RATIO:			0.321			0.468				0.490				0.646				0.676
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.221			0.368				0.390				0.546				0.576
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.156 — *Δv/c* after mitigation: 0.186

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	I-110 NB Off General	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
65	East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			1			1			1			1			1			1
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 2 SB--	EB-- 0 WB--	2	NB-- 2 SB--	EB-- 0 WB--	2	NB-- 2 SB--	EB-- 0 WB--	2	NB-- 2 SB--	EB-- 0 WB--	2	NB-- 2 SB--	EB-- 0 WB--	2	NB-- 2 SB--	EB-- 0 WB--	2
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	275	1	221	16	291	229	27	305	1	274	16	321	1	282	0	321	1	282
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	166	0	221	0	166	229	75	243	0	274	0	243	0	282	0	243	0	282
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
SOUTHBOUND	Left	571	1	368	17	588	376	13	591	2	267	17	608	2	272	0	608	2	272
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	164	0	368	0	164	376	43	209	0	267	0	209	0	272	0	209	0	272
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	383	2	192	0	383	192	69	457	2	229	0	457	2	229	0	457	2	229
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	440	2	220	98	538	269	68	513	2	257	98	611	2	306	124	735	2	368
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	589		North-South:	605		North-South:		541		North-South:		554		North-South:		554
			East-West:	220		East-West:	269		East-West:		257		East-West:		306		East-West:		368
			SUM:	809		SUM:	874		SUM:		798		SUM:		860		SUM:		922
	VOLUME/CAPACITY (V/C) RATIO:			0.568			0.613				0.560				0.604				0.647
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.468			0.513				0.460				0.504				0.547
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.044 Δv/c after mitigation: 0.087

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
66	East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	28	1	28	0	28	28	0	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	129	1	129	0	129	129	0	131	1	131	0	131	1	131	0	131	1	131
	Through-Right		0							0				0				0	
	Right	32	1	12	0	32	12	0	32	1	12	0	32	1	12	0	32	1	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	49	1	49	0	49	49	0	50	1	50	0	50	1	50	0	50	1	50
	Left-Through		0							0				0				0	
	Through	138	1	87	164	302	186	142	282	1	159	164	446	1	258	0	446	1	320
	Through-Right		1							1				1				1	
	Right	36	0	36	34	70	70	0	36	0	36	34	70	0	70	124	194	0	194
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	141	1	141	0	141	141	0	143	1	143	0	143	1	143	0	143	1	143
	Left-Through		0							0				0				0	
	Through	539	1	284	0	539	284	144	690	1	359	0	690	1	359	0	690	1	359
	Through-Right		1							1				1				1	
	Right	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	40	1	40	0	40	40	0	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	347	1	191	64	411	223	68	419	1	227	64	483	1	259	0	483	1	259
	Through-Right		1							1				1				1	
	Right	34	0	34	0	34	34	0	34	0	34	0	34	0	34	0	34	0	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	178		North-South:	214		North-South:		187		North-South:		286		North-South:		348
			East-West:	332		East-West:	364		East-West:		399		East-West:		402		East-West:		402
			SUM:	510		SUM:	578		SUM:		586		SUM:		688		SUM:		750
	VOLUME/CAPACITY (V/C) RATIO:			0.340			0.385				0.391				0.459				0.500
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.240			0.285				0.291				0.359				0.400
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.068 Δv/c after mitigation: 0.109

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
67	East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	302	1	171	0	302	171	151	457	1	249	0	457	1	249	0	457	1	249
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	0	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	19	1	19	0	19	19	0	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	123	1	76	85	208	134	92	216	1	126	85	301	1	183	0	301	1	183
	Through-Right		1							1				1				1	
	Right	29	0	29	30	59	59	6	35	0	35	30	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	87	1	87	0	87	87	55	143	1	143	0	143	1	143	0	143	1	143
	Left-Through		0							0				0				0	
	Through	516	1	264	0	516	264	89	611	1	312	0	611	1	312	0	611	1	312
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	30	1	30	0	30	30	0	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	369	1	195	34	403	212	62	435	1	228	34	469	1	245	0	469	1	245
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	0	20	0	20	0	20	0	20	0	20	0	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	190		North-South:	190		North-South:		268		North-South:		268		North-South:		268
			East-West:	294		East-West:	299		East-West:		371		East-West:		388		East-West:		388
			SUM:	484		SUM:	489		SUM:		639		SUM:		656		SUM:		656
	VOLUME/CAPACITY (V/C) RATIO:			0.323			0.326				0.426				0.437				0.437
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.223			0.226				0.326				0.337				0.337
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.011 Δv/c after mitigation: 0.011

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
68	East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	24	1	24	0	24	24	2	26	1	26	0	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	289	1	156	0	289	156	124	416	1	219	0	416	1	219	0	416	1	219
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	24	1	24	0	24	24	0	24	1	24	0	24	1	24	0	24	1	24
	Left-Through		0							0				0				0	
	Through	270	1	147	-2	268	163	88	361	1	199	-2	359	1	215	0	359	1	215
	Through-Right		1							1				1				1	
	Right	24	0	24	34	58	58	12	36	0	36	34	70	0	70	0	70	0	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	66	1	66	0	66	66	6	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	552	1	291	0	552	291	82	641	1	336	0	641	1	336	0	641	1	336
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	1	30	0	30	0	30	0	30	0	30	0	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	26	1	26	0	26	26	0	26	1	26	0	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	327	1	173	0	327	173	48	379	1	199	0	379	1	199	0	379	1	199
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	180		North-South:	187		North-South:		243		North-South:		243		North-South:		243
			East-West:	317		East-West:	317		East-West:		362		East-West:		362		East-West:		362
			SUM:	497		SUM:	504		SUM:		605		SUM:		605		SUM:		605
	VOLUME/CAPACITY (V/C) RATIO:			0.331			0.336				0.403				0.403				0.403
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.231			0.236				0.303				0.303				0.303
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	69	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	42	1	42	0	42	42	0	43	1	43	0	43	1	43	0	43	1	43
	Left-Through		0							0				0				0	
	Through	466	1	271	0	466	271	213	685	1	381	0	685	1	381	0	685	1	381
	Through-Right		1							1				1				1	
	Right	75	0	75	0	75	75	0	76	0	76	0	76	0	76	0	76	0	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	1	31	0	31	31	0	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	385	1	208	0	385	208	176	566	1	300	0	566	1	300	0	566	1	300
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	4	34	0	34	0	34	0	34	0	34	0	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	74	1	74	0	74	74	22	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	450	1	245	0	450	245	60	515	1	278	0	515	1	278	0	515	1	278
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	0	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	49	1	49	0	49	49	0	50	1	50	0	50	1	50	0	50	1	50
	Left-Through		0							0				0				0	
	Through	333	1	178	0	333	178	44	381	1	202	0	381	1	202	0	381	1	202
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		302	North-South:		302	North-South:			412	North-South:			412	North-South:			412
		East-West:		294	East-West:		294	East-West:			328	East-West:			328	East-West:			328
		SUM:		596	SUM:		596	SUM:			740	SUM:			740	SUM:			740
	VOLUME/CAPACITY (V/C) RATIO:			0.433			0.433				0.538				0.538				0.538
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.333			0.333				0.438				0.438				0.438
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	70	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Jefferson	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	1	31	0	31	31	6	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	222	2	81	408	630	217	325	550	2	214	408	958	2	350	0	958	2	350
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	70	92	0	92	0	92	0	92	0	92	0	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	415	2	208	0	415	208	173	593	2	297	0	593	2	297	0	593	2	297
	Through-Right		0							0				0				0	
	Right	328	1	328	0	328	328	58	390	1	390	0	390	1	390	0	390	1	390
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	98	1	98	41	139	139	0	99	1	99	41	140	1	140	0	140	1	140
	Left-Through		0							0				0				0	
	Through	492	2	246	10	502	251	144	642	2	321	10	652	2	326	0	652	2	326
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		81	North-South:		217	North-South:			214	North-South:			350	North-South:			350
		East-West:		426	East-West:		467	East-West:			489	East-West:			530	East-West:			530
		SUM:		507	SUM:		684	SUM:			703	SUM:			880	SUM:			880
	VOLUME/CAPACITY (V/C) RATIO:			0.356			0.480				0.511				0.640				0.640
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.256			0.380				0.411				0.540				0.540
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.129 | Δv/c after mitigation: 0.129
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	71	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Exposition	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	169	1	169	0	169	169	0	171	1	171	0	171	1	171	0	171	1	171
	Left-Through		0							0				0				0	
	Through	1026	3	270	13	1039	274	439	1477	3	386	13	1490	3	390	0	1490	3	390
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	12	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	282	1	282	0	282	282	108	393	1	393	0	393	1	393	0	393	1	393
	Left-Through		0							0				0				0	
	Through	613	2	307	175	788	394	127	747	1	374	175	922	1	461	0	922	1	461
	Through-Right		0							1				1				1	
	Right	71	1	17	0	71	17	0	72	0	18	0	72	0	18	0	72	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	98	2	54	0	98	54	0	99	2	54	0	99	2	54	0	99	2	54
	Left-Through		0							0				0				0	
	Through	392	3	131	0	392	131	23	420	3	140	0	420	3	140	0	420	3	140
	Through-Right		0							0				0				0	
	Right	102	1	0	0	102	0	0	103	1	0	0	103	1	0	0	103	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	38	1	38	11	49	49	7	45	1	45	11	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	339	2	170	0	339	170	27	370	2	185	0	370	2	185	0	370	2	185
	Through-Right		0							0				0				0	
	Right	286	1	145	4	290	149	45	334	1	138	4	338	1	142	0	338	1	142
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		552	North-South:		563	North-South:			779	North-South:			783	North-South:			783
		East-West:		224	East-West:		224	East-West:			239	East-West:			239	East-West:			239
		SUM:		776	SUM:		787	SUM:			1018	SUM:			1022	SUM:			1022
	VOLUME/CAPACITY (V/C) RATIO:			0.564			0.572				0.740				0.743				0.743
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.464			0.472				0.640				0.643				0.643
	LEVEL OF SERVICE (LOS):			A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.003 | Δv/c after mitigation: 0.003
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	72	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	115	2	63	0	115	63	0	116	2	64	0	116	2	64	0	116	2	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	565	2	311	356	921	507	58	630	2	347	356	986	2	542	0	986	2	542
	Left-Through		0							0				0				0	
	Through	117	2	59	81	198	99	314	432	2	216	81	513	2	257	0	513	2	257
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	735	4	154	0	735	154	143	887	4	185	0	887	4	185	0	887	4	185
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		374	North-South:		570	North-South:			411	North-South:			606	North-South:			606
		East-West:		154	East-West:		154	East-West:			185	East-West:			185	East-West:			185
		SUM:		528	SUM:		724	SUM:			596	SUM:			791	SUM:			791
	VOLUME/CAPACITY (V/C) RATIO:			0.371			0.508				0.418				0.555				0.555
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.271			0.408				0.318				0.455				0.455
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.137 | Δv/c after mitigation: 0.137
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
73	I-110 NB Off- Ramp	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	37th Street	2017			LAEC

	EB--	WB--	NB--	SB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	588	2	227	4	592	229	59	654	2	250	4	658	2	251	0	658	2	251
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	94	0	94	0	94	94	0	95	0	95	0	95	0	95	0	95	0	95
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	408	2	224	0	408	224	84	497	2	273	0	497	2	273	0	497	2	273
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	83	2	42	0	83	42	2	86	2	43	0	86	2	43	0	86	2	43
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	74	1	74	0	74	74	2	77	1	77	0	77	1	77	0	77	1	77
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		227	North-South:		229	North-South:			250	North-South:			251	North-South:			251
	East-West:		298	East-West:		298	East-West:			350	East-West:			350	East-West:			350
	SUM:		525	SUM:		527	SUM:			600	SUM:			601	SUM:			601
VOLUME/CAPACITY (V/C) RATIO:			0.368			0.370				0.421				0.422				0.422
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.268			0.270				0.321				0.322				0.322
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 Δv/c after mitigation: 0.001

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
74	Hill	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	37th Street	2017			LAEC

	EB--	WB--	NB--	SB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	14	1	14	0	14	14	0	14	1	14	0	14	1	14	0	14	1	14
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	315	1	158	0	315	158	151	470	1	236	0	470	1	236	0	470	1	236
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	7	1	7	0	7	7	0	7	1	7	0	7	1	7	0	7	1	7
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	134	1	74	85	219	117	92	228	1	121	85	313	1	164	0	313	1	164
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	65	0	110	0	65	110	2	68	0	114	0	68	0	114	0	68	0	114
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	21	1	14	0	21	14	0	21	1	14	0	21	1	14	0	21	1	14
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	10	0	15	0	10	15	2	12	0	17	0	12	0	17	0	12	0	17
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	5	0	0	0	5	0	0	5	0	0	0	5	0	0	0	5	0	0
WESTBOUND Left-Through-Right		1							1				1				1	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		165	North-South:		165	North-South:			243	North-South:			243	North-South:			243
	East-West:		110	East-West:		110	East-West:			114	East-West:			114	East-West:			114
	SUM:		275	SUM:		275	SUM:			357	SUM:			357	SUM:			357
VOLUME/CAPACITY (V/C) RATIO:			0.183			0.183				0.238				0.238				0.238
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.092			0.092				0.138				0.138				0.138
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
75	Broadway	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	37th	2017			LAEC

	EB--	WB--	NB--	SB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	3	1	3	0	3	3	2	5	1	5	0	5	1	5	0	5	1	5
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	292	1	147	0	292	147	132	428	1	215	0	428	1	215	0	428	1	215
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	345	1	175	-2	343	174	102	451	1	228	-2	449	1	227	0	449	1	227
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	20	0	72	0	20	72	0	20	0	75	0	20	0	75	0	20	0	75
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	10	0	0	0	10	0	2	12	0	0	0	12	0	0	0	12	0	0
EASTBOUND Left-Through-Right		1							1				1				1	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	1	0	3	0	1	3	0	1	0	3	0	1	0	3	0	1	0	3
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	2	0	0	0	2	0	0	2	0	0	0	2	0	0	0	2	0	0
WESTBOUND Left-Through-Right		1							1				1				1	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		178	North-South:		177	North-South:			233	North-South:			232	North-South:			232
	East-West:		72	East-West:		72	East-West:			75	East-West:			75	East-West:			75
	SUM:		250	SUM:		249	SUM:			308	SUM:			307	SUM:			307
VOLUME/CAPACITY (V/C) RATIO:			0.167			0.166				0.205				0.205				0.205
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.083			0.083				0.105				0.105				0.105
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
76	Figueroa	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	39th	2017			LAEC

	EB--	WB--	NB--	SB--
No. of Phases	4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	21	2	12	0	21	12	0	21	2	12	0	21	2	12	0	21	2	12
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	440	2	163	8	448	166	422	867	2	306	8	875	2	309	0	875	2	309
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	70	2	39	0	70	39	28	99	2	54	0	99	2	54	0	99	2	54
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	525	2	180	187	712	242	105	636	2	217	187	823	2	279	0	823	2	279
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	114	1	63	0	114	63	0	115	1	63	0	115	1	63	0	115	1	63
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	37	0	51	0	37	51	0	37	0	51	0	37	0	51	0	37	0	51
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	98	1	54	0	98	54	0	99	1	54	0	99	1	54	0	99	1	54
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	10	0	184	0	10	189	0	10	0	208	0	10	0	213	0	10	0	213
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	174	0	174	5	179	179	22	198	0	198	5	203	0	203	0	203	0	203
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		202	North-South:		254	North-South:			360	North-South:			363	North-South:			363
	East-West:		247	East-West:		252	East-West:			271	East-West:			276	East-West:			276
	SUM:		449	SUM:		506	SUM:			631	SUM:			639	SUM:			639
VOLUME/CAPACITY (V/C) RATIO:			0.327			0.368				0.459				0.465				0.465
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.227			0.268				0.359				0.365				0.365
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.006 Δv/c after mitigation: 0.006

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	I-110 SB HOV Off Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
77	East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	148	0	148	5	153	153	22	172	0	172	5	177	0	177	0	177	0	177
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	49	0	197	0	49	202	0	50	0	222	0	50	0	227	0	50	0	227
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	79	2	40	0	79	40	0	80	2	40	0	80	2	40	0	80	2	40
	Through-Right		0							0				0				0	
	Right	112	1	112	81	193	193	28	141	1	141	81	222	1	222	0	222	1	222
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	66	1	66	150	216	216	0	67	1	67	150	217	1	217	0	217	1	217
	Left-Through		0							0				0				0	
	Through	94	2	47	0	94	47	0	95	2	48	0	95	2	48	0	95	2	48
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		197	North-South:		202	North-South:			222	North-South:			227	North-South:			227
		East-West:		178	East-West:		409	East-West:			208	East-West:			439	East-West:			439
		SUM:		375	SUM:		611	SUM:			430	SUM:			666	SUM:			666
VOLUME/CAPACITY (V/C) RATIO:				0.250			0.407				0.287				0.444				0.444
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.150			0.307				0.187				0.344				0.344
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.157 | Δv/c after mitigation: 0.157
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
78	East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	85	1	85	0	85	85	3	89	1	89	0	89	1	89	0	89	1	89
	Left-Through		0							0				0				0	
	Through	260	3	87	0	260	87	388	651	3	217	0	651	3	217	0	651	3	217
	Through-Right		0							0				0				0	
	Right	98	1	0	0	98	0	3	102	1	0	0	102	1	0	0	102	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	157	1	157	188	345	345	40	199	1	199	188	387	1	387	0	387	1	387
	Left-Through		0							0				0				0	
	Through	385	2	168	-2	383	167	63	453	2	151	-2	451	2	150	0	451	2	150
	Through-Right		1							1				1				1	
	Right	118	0	118	0	118	118	2	121	1	46	0	121	1	46	0	121	1	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	147	1	147	0	147	147	2	151	1	151	0	151	1	151	0	151	1	151
	Left-Through		0							0				0				0	
	Through	1181	2	433	0	1181	433	1	1196	2	439	0	1196	2	439	0	1196	2	439
	Through-Right		1							1				1				1	
	Right	119	0	119	0	119	119	2	122	0	122	0	122	0	122	0	122	0	122
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	135	1	135	0	135	135	13	150	1	150	0	150	1	150	0	150	1	150
	Left-Through		0							0				0				0	
	Through	1059	2	405	0	1059	408	1	1073	2	421	0	1073	2	424	0	1073	2	424
	Through-Right		1							1				1				1	
	Right	157	0	157	8	165	165	32	191	0	191	8	199	0	199	0	199	0	199
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		253	North-South:		432	North-South:			416	North-South:			604	North-South:			604
		East-West:		568	East-West:		568	East-West:			589	East-West:			589	East-West:			589
		SUM:		821	SUM:		1000	SUM:			1005	SUM:			1193	SUM:			1193
VOLUME/CAPACITY (V/C) RATIO:				0.597			0.727				0.731				0.868				0.868
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.497			0.627				0.631				0.768				0.768
LEVEL OF SERVICE (LOS):				A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.137 | Δv/c after mitigation: 0.137
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	I-110 SB Ramps	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
79	East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	240	1	229	0	240	229	0	243	1	235	0	243	1	235	0	243	1	235
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	446	1	229	0	446	229	11	462	1	235	0	462	1	235	0	462	1	235
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	899	2	450	0	899	450	44	954	2	477	0	954	2	477	0	954	2	477
	Through-Right		1							1				1				1	
	Right	582	0	582	188	770	770	0	589	0	589	188	777	0	777	0	777	0	777
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	242	1	242	47	289	289	0	245	1	245	47	292	1	292	0	292	1	292
	Left-Through		0							0				0				0	
	Through	963	3	321	8	971	324	36	1011	3	337	8	1019	3	340	0	1019	3	340
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		229	North-South:		229	North-South:			235	North-South:			235	North-South:			235
		East-West:		824	East-West:		1059	East-West:			834	East-West:			1069	East-West:			1069
		SUM:		1053	SUM:		1288	SUM:			1069	SUM:			1304	SUM:			1304
VOLUME/CAPACITY (V/C) RATIO:				0.702			0.859				0.713				0.869				0.869
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.602			0.759				0.613				0.769				0.769
LEVEL OF SERVICE (LOS):				B			C				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.156 | Δv/c after mitigation: 0.156
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	I-110 NB Ramps/Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/19/2012
80	East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	384	1	336	8	392	340	0	389	1	389	8	397	1	397	0	397	1	397
	Left-Through		0							0				0				0	
	Through	120	0	336	0	120	340	151	272	0	442	0	272	0	442	0	272	0	442
	Through-Right		0							0				0				0	
	Right	168	0	0	0	168	0	0	170	0	0	0	170	0	0	0	170	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	15	1	15	0	15	15	0	15	1	15	0	15	1	15	0	15	1	15
	Left-Through		0							0				0				0	
	Through	6	1	6	0	6	6	92	98	1	98	0	98	1	98	0	98	1	98
	Through-Right		0							0				0				0	
	Right	106	1	92	47	153	139	0	107	1	93	47	154	1	140	0	154	1	140
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	28	1	28	0	28	28	0	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	647	2	315	0	647	315	44	699	2	334	0	699	2	334	0	699	2	334
	Through-Right		1							1				1				1	
	Right	298	0	298	0	298	298	0	302	0	302	0	302	0	302	0	302	0	302
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	58	1	58	0	58	58	0	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	693	2	245	0	693	245	36	737	2	259	0	737	2	259	0	737	2	259
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		428	North-South:		479	North-South:			540	North-South:			582	North-South:			582
		East-West:		373	East-West:		373	East-West:			393	East-West:			393	East-West:			393
		SUM:		801	SUM:		852	SUM:			933	SUM:			975	SUM:			975
VOLUME/CAPACITY (V/C) RATIO:				0.583			0.620				0.679				0.709				0.709
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.483			0.520				0.579				0.609				0.609
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.030 | Δv/c after mitigation: 0.030
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	81	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	James Wood	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	303	1	303	330	633	633	176	483	1	483	330	813	1	813	0	813	1	813
	Through-Right		0							0				0				0	
	Right	50	1	50	70	120	120	7	58	1	58	70	128	1	128	0	128	1	128
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	148	0	148	0	148	148	28	178	0	178	0	178	0	178	0	178	0	178
	Left-Through		1							1				1				1	
	Through	565	1	241	0	565	241	500	1072	1	420	0	1072	1	420	0	1072	1	420
	Through-Right		1							1				1				1	
	Right	11	0	241	0	11	241	0	11	0	420	0	11	0	420	0	11	0	420
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		303	North-South:		633	North-South:			483	North-South:			813	North-South:			813
		East-West:		241	East-West:		241	East-West:			420	East-West:			420	East-West:			420
		SUM:		544	SUM:		874	SUM:			903	SUM:			1233	SUM:			1233
VOLUME/CAPACITY (V/C) RATIO:				0.363			0.583				0.602				0.822				0.822
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.263			0.483				0.502				0.722				0.722
LEVEL OF SERVICE (LOS):				A			A				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.220 | Δv/c after mitigation: 0.220
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	82	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	63	1	63	456	519	519	78	142	1	142	456	598	1	598	0	598	1	598
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	212	0	212	93	305	305	90	305	1	305	231	536	1	414	0	536	1	414
	Left-Through		1							1				1				1	
	Through	1009	3	305	174	1183	372	754	1775	4	355	174	1949	4	414	0	1949	4	414
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		63	North-South:		519	North-South:			142	North-South:			598	North-South:			598
		East-West:		305	East-West:		372	East-West:			355	East-West:			414	East-West:			414
		SUM:		368	SUM:		891	SUM:			497	SUM:			1012	SUM:			1012
VOLUME/CAPACITY (V/C) RATIO:				0.245			0.594				0.331				0.675				0.675
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.145			0.494				0.231				0.575				0.575
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.344 | Δv/c after mitigation: 0.344
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	83	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1394	3	385	105	1499	416	649	2060	3	567	105	2165	3	598	-1421	744	3	243
	Through-Right		1							1				1				1	
	Right	144	0	144	19	163	163	61	207	0	207	19	226	0	226	0	226	0	226
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	274	1	217	413	687	346	104	381	1	381	413	794	1	515	0	794	1	515
	Left-Through		1							1				1				1	
	Through	812	3	217	231	1043	346	728	1550	3	388	231	1781	3	515	0	1781	3	515
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		385	North-South:		416	North-South:			567	North-South:			598	North-South:			243
		East-West:		217	East-West:		346	East-West:			388	East-West:			515	East-West:			515
		SUM:		602	SUM:		762	SUM:			955	SUM:			1113	SUM:			758
VOLUME/CAPACITY (V/C) RATIO:				0.401			0.508				0.637				0.742				0.505
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.301			0.408				0.537				0.642				0.405
LEVEL OF SERVICE (LOS):				A			A				A				B				A

PROJECT IMPACT

Change in v/c due to project: 0.105 | Δv/c after mitigation: -0.132
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	84	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	189	1	189	57	246	246	11	202	1	202	57	259	1	259	502	761	1	761
	Left-Through		0							0				0				0	
	Through	594	4	149	205	799	200	498	1099	4	275	205	1304	4	326	-502	802	4	201
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	640	3	213	196	836	279	585	1233	3	411	196	1429	3	476	0	1429	3	476
	Through-Right		1							1				1				1	
	Right	300	0	300	54	354	354	204	508	0	508	54	562	0	562	0	562	0	562
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		189	North-South:		246	North-South:			275	North-South:			326	North-South:			761
		East-West:		300	East-West:		354	East-West:			508	East-West:			562	East-West:			562
		SUM:		489	SUM:		600	SUM:			783	SUM:			888	SUM:			1323
VOLUME/CAPACITY (V/C) RATIO:				0.326			0.400				0.522				0.592				0.882
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.226			0.300				0.422				0.492				0.782
LEVEL OF SERVICE (LOS):				A			A				A				A				C

PROJECT IMPACT

Change in v/c due to project: 0.070 | Δv/c after mitigation: 0.360
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	85	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	531	1	287	0	531	287	128	665	1	354	0	665	1	354	0	665	1	354
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	1	44	0	44	44	4	49	1	49	0	49	1	49	0	49	1	49
	Left-Through		0							0				0				0	
	Through	310	2	155	0	310	155	88	402	1	402	0	402	1	402	0	402	1	402
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	103	1	103	0	103	103	58	162	1	162	0	162	1	162	0	162	1	162
	Left-Through		0							0				0				0	
	Through	534	3	178	254	788	263	223	763	3	254	254	1017	3	339	0	1017	3	339
	Through-Right		0							0				0				0	
	Right	37	1	37	8	45	45	63	100	1	100	8	108	1	108	0	108	1	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		331	North-South:		331	North-South:			403	North-South:			403	North-South:			403
		East-West:		178	East-West:		263	East-West:			254	East-West:			339	East-West:			339
		SUM:		509	SUM:		594	SUM:			657	SUM:			742	SUM:			742
VOLUME/CAPACITY (V/C) RATIO:				0.339			0.396				0.438				0.495				0.495
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.239			0.296				0.338				0.395				0.395
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.057 Δv/c after mitigation: 0.057

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	86	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	577	2	289	0	577	289	288	872	2	436	0	872	2	436	0	872	2	436
	Through-Right		0							0				0				0	
	Right	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	413	2	227	634	1047	576	88	506	2	278	634	1140	2	627	0	1140	2	627
	Left-Through		0							0				0				0	
	Through	539	1	345	232	771	511	152	698	1	426	232	930	1	592	0	930	1	592
	Through-Right		1							1				1				1	
	Right	151	0	151	100	251	251	1	154	0	154	100	254	0	254	0	254	0	254
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		289	North-South:		289	North-South:			436	North-South:			436	North-South:			436
		East-West:		345	East-West:		576	East-West:			426	East-West:			627	East-West:			627
		SUM:		634	SUM:		865	SUM:			862	SUM:			1063	SUM:			1063
VOLUME/CAPACITY (V/C) RATIO:				0.423			0.577				0.575				0.709				0.709
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.323			0.477				0.475				0.609				0.609
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.134 Δv/c after mitigation: 0.134

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	87	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	194	2	107	316	510	281	46	242	2	133	316	558	2	307	0	558	2	307
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	15	15	0	0	0	15	0	0	0	15	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	30	30	0	0	0	30	0	0	0	30	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	64	0	64	0	64	64	149	214	0	214	0	214	0	214	0	214	0	214
	Left-Through		1							1				1				1	
	Through	1346	4	282	754	2100	433	413	1775	4	398	754	2529	4	549	0	2529	4	549
	Through-Right		0							0				0				0	
	Right	0	0	0	125	125	125	48	48	0	48	125	173	0	173	0	173	0	173
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		107	North-South:		281	North-South:			133	North-South:			307	North-South:			307
		East-West:		282	East-West:		433	East-West:			398	East-West:			549	East-West:			549
		SUM:		389	SUM:		714	SUM:			531	SUM:			856	SUM:			856
VOLUME/CAPACITY (V/C) RATIO:				0.259			0.476				0.354				0.571				0.571
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.159			0.376				0.254				0.471				0.471
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.217 Δv/c after mitigation: 0.217

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	88	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	247	1	247	272	519	519	255	505	1	505	272	777	1	777	0	777	1	777
	Left-Through		0							0				0				0	
	Through	1417	6	236	744	2161	360	498	1932	6	322	744	2676	6	446	-1421	1255	6	209
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1041	4	260	608	1649	412	355	1409	4	352	608	2017	4	504	0	2017	4	504
	Through-Right		0							0				0				0	
	Right	196	1	196	227	423	423	20	218	1	218	227	445	1	445	1003	1448	1	1448
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		247	North-South:		519	North-South:			505	North-South:			777	North-South:			777
		East-West:		260	East-West:		423	East-West:			352	East-West:			504	East-West:			1448
		SUM:		507	SUM:		942	SUM:			857	SUM:			1281	SUM:			2225
VOLUME/CAPACITY (V/C) RATIO:				0.338			0.628				0.571				0.854				1.483
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.238			0.528				0.471				0.754				1.383
LEVEL OF SERVICE (LOS):				A			A				A				C				F

PROJECT IMPACT

Change in v/c due to project: 0.283 Δv/c after mitigation: 0.912

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	89	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↑	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↱	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	703	4	176	112	815	204	450	1161	4	290	112	1273	4	318	0	1273	4	318
	↑	Through-Right		0							0				0				0	
	↱	Right	180	1	180	252	432	432	11	193	1	193	252	445	1	445	0	445	1	445
	↰↱	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	→	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	→	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↱	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	81	0	81	0	81	81	60	142	0	142	0	142	0	142	0	142	0	142
	↰	Left-Through		1							1				1				1	
	↑	Through	1071	3	288	583	1654	434	364	1448	3	398	583	2031	3	543	1003	3034	3	794
	↑	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↱	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		180	North-South:		432	North-South:			290	North-South:			445	North-South:			445
			East-West:		288	East-West:		434	East-West:			398	East-West:			543	East-West:			794
			SUM:		468	SUM:		866	SUM:			688	SUM:			988	SUM:			1239
	VOLUME/CAPACITY (V/C) RATIO:				0.312			0.577				0.459				0.659				0.826
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.212			0.477				0.359				0.559				0.726
	LEVEL OF SERVICE (LOS):				A			A				A				A				C

PROJECT IMPACT

Change in v/c due to project: 0.200 Δv/c after mitigation: 0.367

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	90	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	51	1	51	8	59	59	5	57	1	57	8	65	1	65	0	65	1	65
	↰	Left-Through		0							0				0				0	
	↑	Through	281	2	141	253	534	267	104	388	2	194	253	641	2	321	0	641	2	321
	↑	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↱	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	424	2	212	-2	422	211	202	631	2	316	-2	629	2	315	0	629	2	315
	↑	Through-Right		0							0				0				0	
	↱	Right	156	1	156	15	171	171	76	234	1	234	15	249	1	249	0	249	1	249
	↰↱	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	→	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	→	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↱	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	25	1	25	0	25	25	56	81	1	81	0	81	1	81	0	81	1	81
	↰	Left-Through		0							0				0				0	
	↑	Through	654	2	244	0	654	244	334	996	2	363	0	996	2	363	0	996	2	363
	↑	Through-Right		1							1				1				1	
	↱	Right	79	0	79	0	79	79	13	93	0	93	0	93	0	93	0	93	0	93
	↰↱	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		263	North-South:		270	North-South:			373	North-South:			380	North-South:			380
			East-West:		244	East-West:		244	East-West:			363	East-West:			363	East-West:			363
			SUM:		507	SUM:		514	SUM:			736	SUM:			743	SUM:			743
	VOLUME/CAPACITY (V/C) RATIO:				0.338			0.343				0.491				0.495				0.495
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.238			0.243				0.391				0.395				0.395
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.004 Δv/c after mitigation: 0.004

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	91	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	62	1	62	0	62	62	44	107	1	107	0	107	1	107	0	107	1	107
	↰	Left-Through		0							0				0				0	
	↑	Through	576	2	288	0	576	288	142	725	2	363	0	725	2	363	0	725	2	363
	↑	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↱	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	328	1	199	0	328	199	91	423	0	540	0	423	0	540	0	423	0	540
	↑	Through-Right		1							1				1				1	
	↱	Right	69	0	69	0	69	69	47	117	0	0	0	117	0	0	0	117	0	0
	↰↱	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	→	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	→	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↱	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	27	0	27	0	27	27	0	27	0	27	0	27	0	27	0	27	0	27
	↰	Left-Through		1							1				1				1	
	↑	Through	633	2	191	0	633	191	311	952	2	273	0	952	2	273	0	952	2	273
	↑	Through-Right		1							1				1				1	
	↱	Right	105	0	191	0	105	191	7	113	0	273	0	113	0	273	0	113	0	273
	↰↱	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		288	North-South:		288	North-South:			647	North-South:			647	North-South:			647
			East-West:		191	East-West:		191	East-West:			273	East-West:			273	East-West:			273
			SUM:		479	SUM:		479	SUM:			920	SUM:			920	SUM:			920
	VOLUME/CAPACITY (V/C) RATIO:				0.336			0.336				0.646				0.646				0.646
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.236			0.236				0.546				0.546				0.546
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	92	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	41	1	41	0	41	41	0	41	1	41	0	41	1	41	0	41	1	41
	↰	Left-Through		0							0				0				0	
	↑	Through	77	1	77	36	113	113	17	95	1	95	36	131	1	131	0	131	1	131
	↑	Through-Right		0							0				0				0	
	↱	Right	36	1	2	64	100	66	0	36	1	0	64	100	1	63	0	100	1	63
	↰↱	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	18	1	18	0	18	18	0	18	1	18	0	18	1	18	0	18	1	18
	↰	Left-Through		0							0				0				0	
	↑	Through	201	1	201	0	201	201	40	243	1	243	0	243	1	243	0	243	1	243
	↑	Through-Right		0							0				0				0	
	↱	Right	29	1	14	0	29	14	17	46	1	7	0	46	1	7	0	46	1	7
	↰↱	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	30	1	30	0	30	30	48	78	1	78	0	78	1	78	0	78	1	78
	↰	Left-Through		0							0				0				0	
	→	Through	479	2	240	-2	477	239	148	633	2	317	-2	631	2	316	0	631	2	316
	→	Through-Right		0							0				0				0	
	↱	Right	102	1	82	0	102	82	42	145	1	125	0	145	1	125	0	145	1	125
	↰↱	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	69	1	69	0	69	69	5	75	1	75	0	75	1	75	0	75	1	75
	↰	Left-Through		0							0				0				0	
	↑	Through	425	2	213	77	502	251	201	631	2	316	77	708	2	354	0	708	2	354
	↑	Through-Right		0							0				0				0	
	↱	Right	27	1	18	0	27	18	33	60	1	51	0	60	1	51	0	60	1	51
	↰↱	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		242	North-South:		242	North-South:			284	North-South:			284	North-South:			284
			East-West:		309	East-West:		308	East-West:			394	East-West:			432	East-West:			432
			SUM:		551	SUM:		550	SUM:			678	SUM:			716	SUM:			716
	VOLUME/CAPACITY (V/C) RATIO:				0.367			0.367				0.452				0.477				0.477
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.297			0.297				0.352				0.377				0.377
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.025 Δv/c after mitigation: 0.025

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	93	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3				3				3				3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				1				0				0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	
ATSAC-1 or ATSAC+ATCS-2?				1			1			2				2				2				2	
Override Capacity				0			1			0				0				0				0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	104	0	104	68	172	172	77	182	0	182	68	250	0	250	0	250	0	250
	Left-Through		1							1				1				1	
	Through	1421	3	316	1517	2938	651	437	1875	3	422	1517	3392	3	758	-500	2892	3	658
	Through-Right		1							1				1				1	
	Right	53	0	316	94	147	651	0	54	0	422	94	148	0	758	0	148	0	658
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	293	2	161	64	357	196	158	455	2	250	64	519	2	285	0	519	2	285
	Left-Through		0							0				0				0	
	Through	375	2	188	-2	373	187	105	485	2	243	-2	483	2	242	0	483	2	242
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	188	2	94	9	197	99	125	315	2	158	9	324	2	162	0	324	2	162
	Through-Right		0							0				0				0	
	Right	141	1	141	125	266	266	0	143	1	143	125	268	1	268	0	268	1	268
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		316	North-South:		651	North-South:			422	North-South:			758	North-South:			658
		East-West:		302	East-West:		462	East-West:			408	East-West:			553	East-West:			553
		SUM:		618	SUM:		1113	SUM:			830	SUM:			1311	SUM:			1211
VOLUME/CAPACITY (V/C) RATIO:				0.434			0.781				0.582				0.920				0.850
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.364			0.711				0.482				0.820				0.750
LEVEL OF SERVICE (LOS):				A			C				A				D				C

PROJECT IMPACT

Change in v/c due to project: 0.338 Δv/c after mitigation: 0.268

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	94	North-South Street:	Lucas	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0				0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	
ATSAC-1 or ATSAC+ATCS-2?				1			1			2				2				2				2	
Override Capacity				0			0			0				0				0				0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	8	0	8	0	8	8	8	16	0	16	0	16	0	16	0	16	0	16
	Left-Through		0							0				0				0	
	Through	91	0	107	57	148	164	127	219	0	300	57	276	0	357	0	276	0	357
	Through-Right		0							0				0				0	
	Right	8	0	0	0	8	0	57	65	0	0	0	65	0	0	0	65	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	19	0	19	0	19	19	54	73	0	73	0	73	0	73	0	73	0	73
	Left-Through		0							0				0				0	
	Through	95	0	199	0	95	199	117	213	0	376	0	213	0	376	0	213	0	376
	Through-Right		0							0				0				0	
	Right	85	0	0	0	85	0	4	90	0	0	0	90	0	0	0	90	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	94	1	94	0	94	94	6	101	1	101	0	101	1	101	0	101	1	101
	Left-Through		0							0				0				0	
	Through	478	1	247	0	478	247	330	814	1	419	0	814	1	419	0	814	1	419
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	9	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	1	14	0	14	14	5	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	386	1	200	42	428	221	213	604	1	335	42	646	1	356	0	646	1	356
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	51	65	0	65	0	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		207	North-South:		207	North-South:			392	North-South:			430	North-South:			430
		East-West:		294	East-West:		315	East-West:			438	East-West:			457	East-West:			457
		SUM:		501	SUM:		522	SUM:			830	SUM:			887	SUM:			887
VOLUME/CAPACITY (V/C) RATIO:				0.334			0.348				0.553				0.591				0.591
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.264			0.278				0.453				0.491				0.491
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.038 Δv/c after mitigation: 0.038

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	95	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0				0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	
ATSAC-1 or ATSAC+ATCS-2?				1			1			2				2				2				2	
Override Capacity				0			0			0				0				0				0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	34	1	34	0	34	34	4	38	1	38	0	38	1	38	0	38	1	38
	Left-Through		0							0				0				0	
	Through	73	0	101	0	73	137	13	87	0	139	0	87	0	175	0	87	0	175
	Through-Right		1							1				1				1	
	Right	28	0	0	36	64	0	24	52	0	0	36	88	0	0	0	88	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	34	1	34	0	34	34	6	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	98	0	112	0	98	112	20	119	0	154	0	119	0	154	0	119	0	154
	Through-Right		1							1				1				1	
	Right	14	0	0	0	14	0	21	35	0	0	0	35	0	0	0	35	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	17	1	17	0	17	17	13	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	411	1	251	0	411	251	419	835	1	466	0	835	1	466	0	835	1	466
	Through-Right		1							1				1				1	
	Right	91	0	91	0	91	91	5	97	0	97	0	97	0	97	0	97	0	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	58	1	58	0	58	58	16	75	1	75	0	75	1	75	0	75	1	75
	Left-Through		0							0				0				0	
	Through	393	1	219	42	435	240	313	711	1	381	42	753	1	402	0	753	1	402
	Through-Right		1							1				1				1	
	Right	44	0	44	0	44	44	5	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		146	North-South:		171	North-South:			192	North-South:			215	North-South:			215
		East-West:		309	East-West:		309	East-West:			541	East-West:			541	East-West:			541
		SUM:		455	SUM:		480	SUM:			733	SUM:			756	SUM:			756
VOLUME/CAPACITY (V/C) RATIO:				0.303			0.320				0.489				0.504				0.504
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.233			0.250				0.389				0.404				0.404
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.015 Δv/c after mitigation: 0.015

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	96	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0				0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	
ATSAC-1 or ATSAC+ATCS-2?				1			1			2				2				2				2	
Override Capacity				0			0			0				0				0				0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1746	5	291	1449	3195	533	547	2314	5	386	1449	3763	5	627	-500	3263	5	544
	Through-Right		1							1				1				1	
	Right	125	1	125	256	381	381	48	175	1	175	256	431	1	431	0	431	1	431
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	166	1	166	0	166	166	146	314	1	314	0	314	1	314	0	314	1	314
	Left-Through		1							1				1				1	
	Through	938	4	188	22	960	192	639	1588	4	318	22	1610	4	322	0	1610	4	322
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		291	North-South:		533	North-South:			386	North-South:			627	North-South:			544
		East-West:		188	East-West:		192	East-West:			318	East-West:			322	East-West:			322
		SUM:		479	SUM:		725	SUM:			704	SUM:			949	SUM:			866
VOLUME/CAPACITY (V/C) RATIO:				0.319			0.483				0.469				0.633				0.577
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.249			0.413				0.369				0.533				0.477
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.164 Δv/c after mitigation: 0.108

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	97	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	234	2	129	2	236	130	2	239	2	131	2	241	2	133	0	241	2	133
	Left-Through		0							0				0				0	
	Through	473	4	118	17	490	123	313	792	4	198	17	809	4	202	0	809	4	202
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	790	3	210	292	1082	271	377	1177	3	350	292	1469	3	405	0	1469	3	405
	Through-Right		1							1				1				1	
	Right	258	1	0	-14	244	244	310	571	1	0	-14	557	1	0	0	557	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		129	North-South:		130	North-South:			198	North-South:			202	North-South:			202
		East-West:		210	East-West:		271	East-West:			350	East-West:			405	East-West:			405
		SUM:		339	SUM:		401	SUM:			548	SUM:			607	SUM:			607
VOLUME/CAPACITY (V/C) RATIO:				0.226			0.267				0.365				0.405				0.405
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.156			0.197				0.265				0.305				0.305
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.040 Δv/c after mitigation: 0.040

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	98	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	78	0	78	0	78	78	11	90	0	90	0	90	0	90	0	90	0	90
	Left-Through		1							1				1				1	
	Through	402	3	120	2	404	121	233	640	3	183	2	642	3	183	0	642	3	183
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	846	4	192	531	1377	298	349	1205	4	272	531	1736	4	379	0	1736	4	379
	Through-Right		1							1				1				1	
	Right	114	0	114	0	114	114	42	157	0	157	0	157	0	157	0	157	0	157
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		120	North-South:		121	North-South:			183	North-South:			183	North-South:			183
		East-West:		192	East-West:		298	East-West:			272	East-West:			379	East-West:			379
		SUM:		312	SUM:		419	SUM:			455	SUM:			562	SUM:			562
VOLUME/CAPACITY (V/C) RATIO:				0.208			0.279				0.303				0.375				0.375
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.138			0.209				0.203				0.275				0.275
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.072 Δv/c after mitigation: 0.072

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	99	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	400	1	235	227	627	361	133	538	1	304	227	765	1	430	0	765	1	430
	Through-Right		1							1				1				1	
	Right	69	0	69	25	94	94	0	70	0	70	25	95	0	95	0	95	0	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	66	1	66	9	75	75	22	89	1	89	9	98	1	98	0	98	1	98
	Left-Through		0							0				0				0	
	Through	440	3	147	15	455	152	257	702	3	234	15	717	3	239	0	717	3	239
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through		1							1				1				1	
	Through	656	2	195	432	1088	303	296	960	2	283	432	1392	2	391	0	1392	2	391
	Through-Right		1							1				1				1	
	Right	86	0	195	0	86	303	48	135	0	283	0	135	0	391	0	135	0	391
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		301	North-South:		436	North-South:			393	North-South:			528	North-South:			528
		East-West:		195	East-West:		303	East-West:			283	East-West:			391	East-West:			391
		SUM:		496	SUM:		739	SUM:			676	SUM:			919	SUM:			919
VOLUME/CAPACITY (V/C) RATIO:				0.331			0.493				0.451				0.613				0.613
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.261			0.423				0.351				0.513				0.513
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.162 Δv/c after mitigation: 0.162

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	100	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	121	0	121	0	121	121	31	153	0	153	0	153	0	153	0	153	0	153
	Left-Through		1							1				1				1	
	Through	484	4	121	0	484	121	480	970	2	374	0	970	2	374	0	970	2	374
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	622	3	189	286	908	260	281	911	3	267	286	1197	3	338	0	1197	3	338
	Through-Right		1							1				1				1	
	Right	132	0	132	0	132	132	21	155	0	155	0	155	0	155	0	155	0	155
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		121	North-South:		121	North-South:			374	North-South:			374	North-South:			374
		East-West:		189	East-West:		260	East-West:			267	East-West:			338	East-West:			338
		SUM:		310	SUM:		381	SUM:			641	SUM:			712	SUM:			712
VOLUME/CAPACITY (V/C) RATIO:				0.207			0.254				0.427				0.475				0.475
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.137			0.184				0.327				0.375				0.375
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.048 Δv/c after mitigation: 0.048

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
101	Main	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	6th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	694	4	174	233	927	232	385	1087	4	272	233	1320	4	330	0	1320	4	330
	Through-Right		0							0				0				0	
	Right	98	1	98	0	98	98	22	121	1	121	0	121	1	121	0	121	1	121
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	206	0	206	279	485	485	122	330	0	330	279	609	0	609	0	609	0	609
	Left-Through		1							1				1				1	
	Through	504	3	168	7	511	170	190	700	3	233	7	707	3	236	0	707	3	236
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		174	North-South:		232	North-South:			272	North-South:			330	North-South:			330
		East-West:		206	East-West:		485	East-West:			330	East-West:			609	East-West:			609
		SUM:		380	SUM:		717	SUM:			602	SUM:			939	SUM:			939
VOLUME/CAPACITY (V/C) RATIO:				0.253			0.478				0.401				0.626				0.626
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.183			0.408				0.301				0.526				0.526
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.225 Δv/c after mitigation: 0.225

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
102	Figueroa	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	530	3	186	648	1178	412	357	893	3	313	648	1541	3	539	0	1541	3	539
	Left-Through		0							0				0				0	
	Through	1002	4	251	801	1803	451	341	1355	4	339	801	2156	4	539	-500	1656	4	414
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	889	5	155	806	1695	335	385	1285	5	214	806	2091	5	395	0	2091	5	418
	Through-Right		1							1				1				1	
	Right	195	1	0	457	652	0	19	216	1	0	457	673	1	0	299	972	1	535
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		251	North-South:		451	North-South:			339	North-South:			539	North-South:			539
		East-West:		155	East-West:		335	East-West:			214	East-West:			395	East-West:			535
		SUM:		406	SUM:		786	SUM:			553	SUM:			934	SUM:			1074
VOLUME/CAPACITY (V/C) RATIO:				0.271			0.524				0.369				0.623				0.716
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.201			0.454				0.269				0.523				0.616
LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.254 Δv/c after mitigation: 0.347

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
103	Grand	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	315	3	105	0	315	105	149	468	3	156	0	468	3	156	0	468	3	156
	Through-Right		0							0				0				0	
	Right	136	1	136	0	136	136	11	149	1	149	0	149	1	149	0	149	1	149
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	191	1	191	2	193	193	76	269	1	269	2	271	1	271	0	271	1	271
	Left-Through		1							1				1				1	
	Through	1091	3	233	400	1491	313	464	1568	3	329	400	1968	3	409	299	2267	3	469
	Through-Right		1							1				1				1	
	Right	74	0	74	0	74	74	3	78	0	78	0	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		136	North-South:		136	North-South:			156	North-South:			156	North-South:			156
		East-West:		233	East-West:		313	East-West:			329	East-West:			409	East-West:			469
		SUM:		369	SUM:		449	SUM:			485	SUM:			565	SUM:			625
VOLUME/CAPACITY (V/C) RATIO:				0.246			0.299				0.323				0.377				0.417
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.176			0.229				0.223				0.277				0.317
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.054 Δv/c after mitigation: 0.094

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
104	Olive	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	2	2	2	2
ATSAC-1 or ATSAC+ATCS-2?	0	0	0	0
Override Capacity	1	1	2	2
	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	466	2	256	360	826	454	32	504	2	277	360	864	2	475	299	1163	2	640
	Left-Through		0							0				0				0	
	Through	622	3	207	308	930	310	299	929	3	310	308	1237	3	412	0	1237	3	412
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	141	2	78	0	141	78	69	212	2	117	0	212	2	117	0	212	2	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	2	0	0	0	2	0	0	2	0	0	0	2	0	0	0	2	0	0
	Left-Through		0							0				0				0	
	Through	763	3	196	42	805	207	443	1215	3	312	42	1257	3	322	0	1257	3	322
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	10	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		334	North-South:		532	North-South:			394	North-South:			592	North-South:			757
		East-West:		196	East-West:		207	East-West:			312	East-West:			322	East-West:			322
		SUM:		530	SUM:		739	SUM:			706	SUM:			914	SUM:			1079
VOLUME/CAPACITY (V/C) RATIO:				0.372			0.519				0.495				0.641				0.757
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.302			0.449				0.395				0.541				0.657
LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.146 Δv/c after mitigation: 0.262

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
105	Hill	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	74	1	**74**	26	100	100	1	76	1	**76**	26	102	1	**102**	0	102	1	**102**
	Left-Through		0							0				0				0	
	Through	386	2	193	290	676	**338**	132	523	2	262	290	813	2	407	0	813	2	407
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	440	2	**173**	1	441	179	260	705	2	**322**	1	706	2	**327**	0	706	2	**327**
	Through-Right		1							1				1				1	
	Right	80	0	80	15	95	95	179	260	0	260	15	275	0	275	0	275	0	275
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	41	1	41	0	41	41	18	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	668	3	**190**	0	668	223	274	950	3	**274**	0	950	3	317	0	950	3	317
	Through-Right		1							1				1				1	
	Right	92	0	92	180	272	**272**	53	146	0	146	180	326	0	**326**	0	326	0	**326**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		247	North-South:		338	North-South:			398	North-South:			429	North-South:			429
		East-West:		190	East-West:		272	East-West:			274	East-West:			326	East-West:			326
		SUM:		437	SUM:		610	SUM:			672	SUM:			755	SUM:			755
VOLUME/CAPACITY (V/C) RATIO:				0.291			0.407				0.448				0.503				0.503
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.221			0.337				0.348				0.403				0.403
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.055 Δv/c after mitigation: 0.055

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
106	Spring	2011	0.2	Eric Ji	1/13/2012
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	484	4	121	0	484	121	464	954	3	**318**	0	954	3	**318**	0	954	3	**318**
	Through-Right		1							1				1				1	
	Right	125	0	**125**	0	125	**125**	168	295	1	295	0	295	1	295	0	295	1	295
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	91	0	91	0	91	91	47	139	0	139	0	139	0	139	0	139	0	139
	Left-Through		1							1				1				1	
	Through	588	3	**170**	0	588	**170**	202	797	3	**234**	0	797	3	**234**	0	797	3	**234**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		125	North-South:		125	North-South:			318	North-South:			318	North-South:			318
		East-West:		170	East-West:		170	East-West:			234	East-West:			234	East-West:			234
		SUM:		295	SUM:		295	SUM:			552	SUM:			552	SUM:			552
VOLUME/CAPACITY (V/C) RATIO:				0.197			0.197				0.368				0.368				0.368
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.128			0.128				0.268				0.268				0.268
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
107	Main	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	191	1	**191**	0	191	191	49	242	1	242	0	242	1	242	0	242	1	242
	Left-Through		0							0				0				0	
	Through	631	4	158	512	1143	**286**	458	1097	4	**274**	512	1609	4	**402**	0	1609	4	**402**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	477	3	**138**	0	477	**138**	200	683	3	**194**	0	683	3	**194**	0	683	3	**194**
	Through-Right		1							1				1				1	
	Right	74	0	74	0	74	74	16	91	0	91	0	91	0	91	0	91	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		191	North-South:		286	North-South:			274	North-South:			402	North-South:			402
		East-West:		138	East-West:		138	East-West:			194	East-West:			194	East-West:			194
		SUM:		329	SUM:		424	SUM:			468	SUM:			596	SUM:			596
VOLUME/CAPACITY (V/C) RATIO:				0.219			0.283				0.312				0.397				0.397
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.149			0.213				0.212				0.297				0.297
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.085 Δv/c after mitigation: 0.085

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
108	Figueroa	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	2nd	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	62	2	**34**	533	595	**327**	18	81	2	**45**	533	614	2	**338**	0	614	2	**338**
	Left-Through		0							0				0				0	
	Through	182	2	67	660	842	287	229	413	2	147	660	1073	2	367	0	1073	2	367
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	9	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	2	20	0	36	20	5	41	2	23	0	41	2	23	0	41	2	23
	Left-Through		0							0				0				0	
	Through	181	1	**179**	0	181	**179**	0	183	1	**181**	0	183	1	**181**	0	183	1	**181**
	Through-Right		1							1				1				1	
	Right	176	0	176	0	176	176	0	178	0	178	0	178	0	178	0	178	0	178
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	133	1	133	0	133	133	0	135	1	135	0	135	1	135	0	135	1	135
	Left-Through		0							0				0				0	
	Through	559	2	**280**	0	559	**280**	29	595	2	**298**	0	595	2	**298**	0	595	2	**298**
	Through-Right		0							0				0				0	
	Right	109	1	75	0	109	0	4	114	1	69	0	114	1	0	0	114	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	15	1	**15**	0	15	**15**	0	15	1	**15**	0	15	1	**15**	0	15	1	**15**
	Left-Through		0							0				0				0	
	Through	189	2	95	64	253	127	23	214	2	107	64	278	2	139	0	278	2	139
	Through-Right		0							0				0				0	
	Right	28	1	18	0	28	18	0	28	1	17	0	28	1	17	0	28	1	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		213	North-South:		506	North-South:			226	North-South:			519	North-South:			519
		East-West:		295	East-West:		295	East-West:			313	East-West:			313	East-West:			313
		SUM:		508	SUM:		801	SUM:			539	SUM:			832	SUM:			832
VOLUME/CAPACITY (V/C) RATIO:				0.356			0.562				0.378				0.584				0.584
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.286			0.492				0.278				0.484				0.484
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.206 Δv/c after mitigation: 0.206

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
109	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	42	1	42	0	42	42	3	46	1	46	0	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	243	1	**145**	0	243	**145**	60	306	1	**188**	0	306	1	**188**	0	306	1	**188**
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	22	70	0	70	0	70	0	70	0	70	0	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	1	**29**	0	29	**29**	0	29	1	**29**	0	29	1	**29**	0	29	1	**29**
	Left-Through		0							0				0				0	
	Through	181	2	91	0	181	91	68	251	2	126	0	251	2	126	0	251	2	126
	Through-Right		0							0				0				0	
	Right	91	1	74	0	91	74	16	108	1	84	0	108	1	84	0	108	1	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	1	**34**	0	34	**34**	15	49	1	**49**	0	49	1	**49**	0	49	1	**49**
	Left-Through		0							0				0				0	
	Through	233	2	83	0	233	83	248	484	2	167	0	484	2	167	0	484	2	167
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	58	1	58	0	58	58	3	62	1	62	0	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	346	2	**141**	9	355	**144**	264	614	2	**231**	9	623	2	**234**	0	623	2	**234**
	Through-Right		1							1				1				1	
	Right	78	0	78	0	78	78	0	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		174	*North-South:*		174	*North-South:*			217	*North-South:*			217	*North-South:*			217
		East-West:		175	*East-West:*		178	*East-West:*			280	*East-West:*			283	*East-West:*			283
		SUM:		349	*SUM:*		352	*SUM:*			497	*SUM:*			500	*SUM:*			500
	VOLUME/CAPACITY (*V/C*) RATIO:			0.233			0.235				0.331				0.333				0.333
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.163			0.165				0.231				0.233				0.233
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

	NB--	0	SB--	EB--	0	WB--
No. of Phases			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?			0			0
ATSAC-1 or ATSAC+ATCS-2?			1			1
Override Capacity			0			0

PROJECT IMPACT

Change in *v/c* due to project: 0.002 — *Δv/c* after mitigation: 0.002

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
110	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	42	1	**42**	0	42	42	0	43	1	43	0	43	1	43	0	43	1	43
	Left-Through		0							0				0				0	
	Through	115	2	58	0	115	58	21	137	2	**69**	0	137	2	69	0	137	2	69
	Through-Right		1							1				1				1	
	Right	62	1	0	109	171	**105**	0	63	1	0	109	172	1	**92**	0	172	1	**92**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	49	1	49	0	49	**49**	51	101	1	**101**	0	101	1	**101**	0	101	1	**101**
	Left-Through		0							0				0				0	
	Through	118	1	**77**	0	118	77	78	197	1	116	0	197	1	116	0	197	1	116
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	76	1	76	471	547	**547**	5	82	1	82	471	553	1	**553**	0	553	1	**553**
	Left-Through		0							0				0				0	
	Through	380	2	**190**	153	533	267	280	665	2	**333**	153	818	2	409	0	818	2	409
	Through-Right		0							0				0				0	
	Right	67	1	25	0	67	25	26	94	1	51	0	94	1	51	0	94	1	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	66	1	**66**	0	66	66	13	80	1	**80**	0	80	1	80	0	80	1	80
	Left-Through		0							0				0				0	
	Through	415	2	175	9	424	**178**	265	685	2	282	9	694	2	**285**	0	694	2	**285**
	Through-Right		1							1				1				1	
	Right	110	0	110	0	110	110	50	161	0	161	0	161	0	161	0	161	0	161
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		119	*North-South:*		154	*North-South:*			170	*North-South:*			193	*North-South:*			193
		East-West:		256	*East-West:*		725	*East-West:*			413	*East-West:*			838	*East-West:*			838
		SUM:		375	*SUM:*		879	*SUM:*			583	*SUM:*			1031	*SUM:*			1031
	VOLUME/CAPACITY (*V/C*) RATIO:			0.273			0.639				0.424				0.750				0.750
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.203			0.569				0.324				0.650				0.650
	LEVEL OF SERVICE (LOS):			A			A				A				B				B

	NB--	3	SB--	EB--	3	WB--
No. of Phases			4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?			0			0
ATSAC-1 or ATSAC+ATCS-2?			1			1
Override Capacity			0			0

PROJECT IMPACT

Change in *v/c* due to project: 0.326 — *Δv/c* after mitigation: 0.326

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
111	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	37	1	**37**	0	37	**37**	27	64	1	64	0	64	1	64	0	64	1	64
	Left-Through		0							0				0				0	
	Through	103	2	52	0	103	52	64	168	2	84	0	168	2	84	0	168	2	84
	Through-Right		0							0				0				0	
	Right	15	1	0	0	15	0	283	298	1	**247**	0	298	1	**270**	0	298	1	**270**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	45	1	45	0	45	45	112	158	1	**158**	0	158	1	**158**	0	158	1	**158**
	Left-Through		0							0				0				0	
	Through	351	1	**233**	0	351	**233**	108	463	1	296	0	463	1	296	0	463	1	296
	Through-Right		1							1				1				1	
	Right	114	0	114	0	114	114	13	128	0	128	0	128	0	128	0	128	0	128
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	59	1	**59**	262	321	**321**	0	60	1	**60**	262	322	1	**322**	0	322	1	**322**
	Left-Through		0							0				0				0	
	Through	317	2	132	0	317	132	294	615	2	244	0	615	2	244	0	615	2	244
	Through-Right		1							1				1				1	
	Right	80	0	80	0	80	80	36	117	0	117	0	117	0	117	0	117	0	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	80	2	44	0	80	24	12	93	2	51	0	93	2	28	0	93	2	28
	Left-Through		0							0				0				0	
	Through	441	2	**209**	9	450	225	288	734	2	**342**	9	743	2	372	0	743	2	372
	Through-Right		1							1				1				1	
	Right	186	0	186	378	564	**542**	104	292	0	292	378	670	0	**591**	0	670	0	**591**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		270	*North-South:*		270	*North-South:*			405	*North-South:*			428	*North-South:*			428
		East-West:		268	*East-West:*		863	*East-West:*			402	*East-West:*			913	*East-West:*			913
		SUM:		538	*SUM:*		1133	*SUM:*			807	*SUM:*			1341	*SUM:*			1341
	VOLUME/CAPACITY (*V/C*) RATIO:			0.378			0.795				0.566				0.941				0.941
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.308			0.725				0.466				0.841				0.841
	LEVEL OF SERVICE (LOS):			A			C				A				D				D

	NB--	3	SB--	EB--	0	WB--
No. of Phases			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?			3			0
ATSAC-1 or ATSAC+ATCS-2?			0			2
Override Capacity			0			0

PROJECT IMPACT

Change in *v/c* due to project: 0.375 — *Δv/c* after mitigation: 0.375

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
112	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	163	2	90	350	513	**282**	199	364	2	**200**	350	714	2	**393**	0	714	2	**393**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	238	2	**92**	32	270	110	88	329	2	121	32	361	2	139	0	361	2	139
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	240	2	**92**	0	240	**92**	351	594	2	**297**	0	594	2	**297**	0	594	2	**297**
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	286	323	0	223	0	323	0	127	0	323	0	127
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	39	1	**39**	0	39	**39**	21	60	1	**60**	0	60	1	**60**	0	60	1	**60**
	Left-Through		0							0				0				0	
	Through	336	3	112	36	372	124	205	545	3	182	36	581	3	194	0	581	3	194
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		92	*North-South:*		282	*North-South:*			200	*North-South:*			393	*North-South:*			393
		East-West:		131	*East-West:*		131	*East-West:*			357	*East-West:*			357	*East-West:*			357
		SUM:		223	*SUM:*		413	*SUM:*			557	*SUM:*			750	*SUM:*			750
	VOLUME/CAPACITY (*V/C*) RATIO:			0.156			0.290				0.391				0.526				0.526
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.102			0.220				0.291				0.426				0.426
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

	NB--	0	SB--	EB--	3	WB--
No. of Phases			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?			0			0
ATSAC-1 or ATSAC+ATCS-2?			2			2
Override Capacity			0			0

PROJECT IMPACT

Change in *v/c* due to project: 0.135 — *Δv/c* after mitigation: 0.135

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
113	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	33	1	33	36	69	69	0	33	1	33	36	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	419	1	229	461	880	459	126	550	1	301	461	1011	1	532	0	1011	1	532
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	14	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	69	1	69	0	69	69	0	70	1	70	0	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	603	2	232	0	603	232	212	822	2	305	0	822	2	305	0	822	2	305
	Through-Right		1							1				1				1	
	Right	93	0	93	0	93	93	0	94	0	94	0	94	0	94	0	94	0	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	161	1	161	25	186	186	27	190	1	190	25	215	1	215	0	215	1	215
	Left-Through		0							0				0				0	
	Through	431	2	153	6	437	155	357	793	2	292	6	799	2	294	0	799	2	294
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	56	83	0	83	0	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	39	1	39	0	39	39	139	178	1	178	0	178	1	178	0	178	1	178
	Left-Through		0							0				0				0	
	Through	338	2	119	0	338	119	226	568	2	196	0	568	2	196	0	568	2	196
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		298	North-South:		528	North-South:			371	North-South:			602	North-South:			602
		East-West:		280	East-West:		305	East-West:			470	East-West:			472	East-West:			472
		SUM:		578	SUM:		833	SUM:			841	SUM:			1074	SUM:			1074
	VOLUME/CAPACITY (V/C) RATIO:			0.406			0.585				0.590				0.754				0.754
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.336			0.515				0.490				0.654				0.654
	LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.164 | Δv/c after mitigation: 0.164

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
114	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	26	0	26	0	26	26	2	28	0	28	0	28	0	28	0	28	0	28
	Left-Through		1							1				1				1	
	Through	353	3	95	0	353	95	633	990	2	339	0	990	2	339	0	990	2	339
	Through-Right		0							0				0				0	
	Right	58	1	32	0	58	32	110	169	1	143	0	169	1	143	0	169	1	143
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	26	1	26	0	26	26	0	26	1	26	0	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	450	2	161	6	456	163	298	753	2	272	6	759	2	274	0	759	2	274
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	30	62	0	62	0	62	0	62	0	62	0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	29	1	29	0	29	29	16	45	1	45	0	45	1	45	0	45	1	45
	Left-Through		0							0				0				0	
	Through	305	2	102	0	305	102	244	553	2	184	0	553	2	184	0	553	2	184
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		95	North-South:		95	North-South:			339	North-South:			339	North-South:			339
		East-West:		190	East-West:		192	East-West:			317	East-West:			319	East-West:			319
		SUM:		285	SUM:		287	SUM:			656	SUM:			658	SUM:			658
	VOLUME/CAPACITY (V/C) RATIO:			0.200			0.201				0.460				0.462				0.462
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.130			0.131				0.360				0.362				0.362
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.002 | Δv/c after mitigation: 0.002

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
115	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	52	0	52	0	52	52	30	83	0	83	0	83	0	83	0	83	0	83
	Left-Through		1							1				1				1	
	Through	427	2	135	567	994	277	468	900	2	266	567	1467	2	408	0	1467	2	408
	Through-Right		1							1				1				1	
	Right	61	0	135	0	61	277	19	81	0	266	0	81	0	408	0	81	0	408
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	64	1	64	6	70	70	143	208	1	208	6	214	1	214	0	214	1	214
	Left-Through		0							0				0				0	
	Through	338	3	113	0	338	113	157	499	3	166	0	499	3	166	0	499	3	166
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	277	2	103	0	277	103	230	510	2	181	0	510	2	181	0	510	2	181
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	2	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		135	North-South:		277	North-South:			266	North-South:			408	North-South:			408
		East-West:		167	East-West:		173	East-West:			389	East-West:			395	East-West:			395
		SUM:		302	SUM:		450	SUM:			655	SUM:			803	SUM:			803
	VOLUME/CAPACITY (V/C) RATIO:			0.212			0.316				0.460				0.564				0.564
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.142			0.246				0.360				0.464				0.464
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.104 | Δv/c after mitigation: 0.104

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
116	East-West Street:	Temple/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	57	1	57	0	57	57	0	58	1	58	0	58	1	58	0	58	1	58
	Left-Through		0							0				0				0	
	Through	144	1	144	471	615	380	75	221	1	184	471	692	1	419	0	692	1	419
	Through-Right		1							1				1				1	
	Right	144	0	115	0	144	144	0	146	0	146	0	146	0	146	0	146	0	146
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	66	1	66	0	66	66	46	113	1	113	0	113	1	113	0	113	1	113
	Left-Through		0							0				0				0	
	Through	80	1	53	0	80	53	70	151	1	89	0	151	1	89	0	151	1	89
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	113	1	113	0	113	113	26	140	1	140	0	140	1	140	0	140	1	140
	Left-Through		0							0				0				0	
	Through	262	1	155	0	262	155	78	343	1	223	0	343	1	223	0	343	1	223
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	54	102	0	102	0	102	0	102	0	102	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	58	1	58	0	58	58	4	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	382	2	191	0	382	191	45	432	2	216	0	432	2	216	0	432	2	216
	Through-Right		0							0				0				0	
	Right	93	1	60	0	93	60	27	121	1	65	0	121	1	65	0	121	1	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		210	North-South:		446	North-South:			297	North-South:			532	North-South:			532
		East-West:		304	East-West:		304	East-West:			356	East-West:			356	East-West:			356
		SUM:		514	SUM:		750	SUM:			653	SUM:			888	SUM:			888
	VOLUME/CAPACITY (V/C) RATIO:			0.361			0.526				0.458				0.623				0.623
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.291			0.456				0.358				0.523				0.523
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.165 | Δv/c after mitigation: 0.165

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	117	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Aliso	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2		2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1		2	
Override Capacity	0		0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	416	3	139	141	557	186	410	831	3	277	141	972	3	324	0	972	3	324
	Through-Right		0							0				0				0	
	Right	189	1	**189**	433	622	**622**	202	393	1	**393**	433	826	1	**826**	0	826	1	**826**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	56	0	56	0	56	56	45	102	0	102	0	102	0	102	0	102	0	102
	Left-Through		1							1				1				1	
	Through	466	2	**174**	0	466	**174**	465	937	2	**346**	0	937	2	**346**	0	937	2	**346**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		189	*North-South:*		622	*North-South:*			393	*North-South:*			826	*North-South:*			826
		East-West:		174	*East-West:*		174	*East-West:*			346	*East-West:*			346	*East-West:*			346
		SUM:		363	*SUM:*		796	*SUM:*			739	*SUM:*			1172	*SUM:*			1172
VOLUME/CAPACITY (*V/C*) RATIO:				0.242			0.531				0.493				0.781				0.487
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.172			0.461				0.393				0.681				0.681
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in *v/c* due to project: 0.288 | *Δv/c* after mitigation: 0.288

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	118	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Aliso	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2		2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	2	0	2	0
ATSAC-1 or ATSAC+ATCS-2?	1		2	
Override Capacity	0		0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	117	2	**59**	0	117	**59**	5	123	2	62	0	123	2	62	0	123	2	62
	Through-Right		0							0				0				0	
	Right	13	1	13	0	13	13	65	78	1	**78**	0	78	1	**78**	0	78	1	**78**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	210	0	**210**	0	210	**210**	0	213	0	**213**	0	213	0	**213**	0	213	0	**213**
	Left-Through		1							1				1				1	
	Through	469	2	226	0	469	226	44	519	2	244	0	519	2	244	0	519	2	244
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	17	0	17	0	17	17	100	117	0	117	0	117	0	117	0	117	0	117
	Left-Through		1							1				1				1	
	Through	582	2	**162**	433	1015	**271**	495	1084	2	**331**	433	1517	2	**439**	0	1517	2	**439**
	Through-Right		1							1				1				1	
	Right	50	0	162	0	50	271	72	123	0	331	0	123	0	439	0	123	0	439
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		269	*North-South:*		269	*North-South:*			291	*North-South:*			291	*North-South:*			291
		East-West:		162	*East-West:*		271	*East-West:*			331	*East-West:*			439	*East-West:*			439
		SUM:		431	*SUM:*		540	*SUM:*			622	*SUM:*			730	*SUM:*			730
VOLUME/CAPACITY (*V/C*) RATIO:				0.287			0.360				0.415				0.487				0.487
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.217			0.290				0.315				0.387				0.387
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.072 | *Δv/c* after mitigation: 0.072

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	119	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	I-110 On-Ramp/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3		3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	3	3	0
ATSAC-1 or ATSAC+ATCS-2?	1		2	
Override Capacity	0		0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	335	1	**335**	638	973	**973**	163	502	1	**502**	638	1140	1	**1140**	0	1140	1	**1140**
	Left-Through		0							0				0				0	
	Through	227	2	114	5	232	116	82	312	2	156	5	317	2	159	0	317	2	159
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	289	2	145	0	289	145	123	415	2	208	0	415	2	208	0	415	2	208
	Through-Right		0							0				0				0	
	Right	256	1	**238**	0	256	**238**	136	395	1	**395**	0	395	1	**395**	0	395	1	**395**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	18	0	**18**	0	18	**18**	26	44	0	**44**	0	44	0	**44**	0	44	0	**44**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	2	1	0	0	2	0	150	152	1	0	0	152	1	0	0	152	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		573	*North-South:*		1211	*North-South:*			897	*North-South:*			1535	*North-South:*			1535
		East-West:		18	*East-West:*		18	*East-West:*			44	*East-West:*			44	*East-West:*			44
		SUM:		591	*SUM:*		1229	*SUM:*			941	*SUM:*			1579	*SUM:*			1579
VOLUME/CAPACITY (*V/C*) RATIO:				0.415			0.862				0.660				1.108				1.108
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.345			0.792				0.560				1.008				1.008
LEVEL OF SERVICE (LOS):				A			C				A				F				F

PROJECT IMPACT

Change in *v/c* due to project: 0.448 | *Δv/c* after mitigation: 0.448

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	120	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Sunset	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2		2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	1	0	1	0
ATSAC-1 or ATSAC+ATCS-2?	1		2	
Override Capacity	0		0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	115	0	115	0	115	115	0	116	0	116	0	116	0	116	0	116	0	116
	Left-Through		0							0				0				0	
	Through	86	0	**287**	0	86	**287**	51	138	0	**362**	0	138	0	**362**	0	138	0	**362**
	Through-Right		0							0				0				0	
	Right	86	0	0	0	86	0	21	108	0	0	0	108	0	0	0	108	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	0	**17**	0	17	**17**	67	84	0	**84**	0	84	0	**84**	0	84	0	**84**
	Left-Through		1							1				1				1	
	Through	117	1	67	0	117	67	87	205	1	145	0	205	1	145	0	205	1	145
	Through-Right		0							0				0				0	
	Right	22	1	0	0	22	0	9	31	1	0	0	31	1	0	0	31	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	44	1	44	0	44	44	0	45	1	45	0	45	1	45	0	45	1	45
	Left-Through		0							0				0				0	
	Through	1145	2	**474**	0	1145	**474**	112	1271	2	**517**	0	1271	2	**517**	0	1271	2	**517**
	Through-Right		1							1				1				1	
	Right	277	0	277	0	277	277	0	280	0	280	0	280	0	280	0	280	0	280
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	112	1	**112**	0	112	**112**	24	137	1	**137**	0	137	1	**137**	0	137	1	**137**
	Left-Through		0							0				0				0	
	Through	898	2	306	41	939	320	87	996	2	339	41	1037	2	353	0	1037	2	353
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	0	21	0	21	0	21	0	21	0	21	0	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		304	*North-South:*		304	*North-South:*			446	*North-South:*			446	*North-South:*			446
		East-West:		586	*East-West:*		586	*East-West:*			654	*East-West:*			654	*East-West:*			654
		SUM:		890	*SUM:*		890	*SUM:*			1100	*SUM:*			1100	*SUM:*			1100
VOLUME/CAPACITY (*V/C*) RATIO:				0.593			0.593				0.733				0.733				0.733
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.523			0.523				0.633				0.633				0.633
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in *v/c* due to project: 0.000 | *Δv/c* after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
121	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		1
Override Capacity		0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	131	1	131	36	167	167	8	141	1	141	36	177	1	177	0	177	1	177
	Left-Through		0							0				0				0	
	Through	385	2	193	0	385	193	192	582	2	291	0	582	2	291	0	582	2	291
	Through-Right		0							0				0				0	
	Right	181	1	128	0	181	128	16	199	1	146	0	199	1	146	0	199	1	146
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	61	1	61	0	61	61	0	62	1	62	0	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	168	2	84	0	168	84	43	213	2	107	0	213	2	107	0	213	2	107
	Through-Right		0							0				0				0	
	Right	90	1	25	0	90	25	0	91	1	21	0	91	1	21	0	91	1	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	130	1	130	0	130	130	9	141	1	141	0	141	1	141	0	141	1	141
	Left-Through		0							0				0				0	
	Through	982	2	395	0	982	395	187	1181	2	464	0	1181	2	464	0	1181	2	464
	Through-Right		1							1				1				1	
	Right	204	0	204	0	204	204	5	211	0	211	0	211	0	211	0	211	0	211
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	106	1	106	0	106	106	0	107	1	107	0	107	1	107	0	107	1	107
	Left-Through		0							0				0				0	
	Through	823	2	300	5	828	302	103	936	2	361	5	941	2	362	0	941	2	362
	Through-Right		1							1				1				1	
	Right	78	0	78	0	78	78	67	146	0	146	0	146	0	146	0	146	0	146
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		254	North-South:		254	North-South:			353	North-South:			353	North-South:			353
		East-West:		501	East-West:		501	East-West:			571	East-West:			571	East-West:			571
		SUM:		755	SUM:		755	SUM:			924	SUM:			924	SUM:			924
VOLUME/CAPACITY (V/C) RATIO:				0.549			0.549				0.672				0.672				0.672
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.479			0.479				0.572				0.572				0.572
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
122	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	3	0	3	0
ATSAC-1 or ATSAC+ATCS-2?		1		1
Override Capacity		0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	101	1	101	5	106	106	29	131	1	131	5	136	1	136	0	136	1	136
	Left-Through		0							0				0				0	
	Through	40	1	40	0	40	40	65	105	1	105	0	105	1	105	0	105	1	105
	Through-Right		0							0				0				0	
	Right	88	1	0	0	88	0	14	103	1	0	0	103	1	0	0	103	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	1	12	0	12	12	0	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	99	1	99	0	99	99	97	197	1	197	0	197	1	197	0	197	1	197
	Through-Right		0							0				0				0	
	Right	10	1	1	0	10	1	0	10	1	1	0	10	1	1	0	10	1	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	18	1	18	0	18	18	0	18	1	18	0	18	1	18	0	18	1	18
	Left-Through		0							0				0				0	
	Through	826	2	413	0	826	413	141	977	2	489	0	977	2	489	0	977	2	489
	Through-Right		0							0				0				0	
	Right	402	1	352	0	402	349	40	447	1	382	0	447	1	379	0	447	1	379
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	311	2	171	0	311	171	122	437	2	240	0	437	2	240	0	437	2	240
	Left-Through		0							0				0				0	
	Through	921	2	318	0	921	318	116	1048	2	360	0	1048	2	360	0	1048	2	360
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		200	North-South:		205	North-South:			328	North-South:			333	North-South:			333
		East-West:		584	East-West:		584	East-West:			729	East-West:			729	East-West:			729
		SUM:		784	SUM:		789	SUM:			1057	SUM:			1062	SUM:			1062
VOLUME/CAPACITY (V/C) RATIO:				0.550			0.554				0.742				0.745				0.745
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.480			0.484				0.642				0.645				0.645
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.003 Δv/c after mitigation: 0.003

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
123	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		1
Override Capacity		0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	5	1	5	0	5	5	0	5	1	5	0	5	1	5	0	5	1	5
	Left-Through		0							0				0				0	
	Through	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Through-Right		0							0				0				0	
	Right	20	1	0	0	20	0	0	20	1	0	0	20	1	0	0	20	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
	Left-Through		0							0				0				0	
	Through	83	0	135	0	83	135	358	442	0	537	0	442	0	537	0	442	0	537
	Through-Right		0							0				0				0	
	Right	42	0	0	0	42	0	42	85	0	0	0	85	0	0	0	85	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	776	2	388	0	776	388	91	876	2	438	0	876	2	438	0	876	2	438
	Through-Right		0							0				0				0	
	Right	179	1	0	0	179	0	18	199	1	0	0	199	1	0	0	199	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	184	2	101	0	184	101	13	199	2	109	0	199	2	109	0	199	2	109
	Left-Through		0							0				0				0	
	Through	1066	2	369	0	1066	369	119	1198	2	413	0	1198	2	413	0	1198	2	413
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		140	North-South:		140	North-South:			542	North-South:			542	North-South:			542
		East-West:		489	East-West:		489	East-West:			547	East-West:			547	East-West:			547
		SUM:		629	SUM:		629	SUM:			1089	SUM:			1089	SUM:			1089
VOLUME/CAPACITY (V/C) RATIO:				0.441			0.441				0.764				0.764				0.764
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.371			0.371				0.664				0.664				0.664
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
124	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		1
Override Capacity		0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	135	1	135	0	135	135	22	159	1	159	0	159	1	159	0	159	1	159
	Left-Through		1							1				1				1	
	Through	239	1	120	141	380	190	380	622	1	289	141	763	1	336	0	763	1	336
	Through-Right		1							1				1				1	
	Right	223	0	223	0	223	223	18	244	0	244	0	244	0	244	0	244	0	244
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	61	1	61	0	61	61	0	62	1	62	0	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	735	2	368	0	735	368	91	835	2	418	0	835	2	418	0	835	2	418
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1141	1	579	0	1141	579	110	1265	1	698	0	1265	1	698	0	1265	1	698
	Through-Right		1							1				1				1	
	Right	16	0	16	0	16	16	115	131	0	131	0	131	0	131	0	131	0	131
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		223	North-South:		223	North-South:			289	North-South:			336	North-South:			336
		East-West:		640	East-West:		640	East-West:			760	East-West:			760	East-West:			760
		SUM:		863	SUM:		863	SUM:			1049	SUM:			1096	SUM:			1096
VOLUME/CAPACITY (V/C) RATIO:				0.575			0.575				0.699				0.731				0.731
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.505			0.505				0.599				0.631				0.631
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.032 Δv/c after mitigation: 0.032

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
125	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	170	1	170	0	170	170	0	172	1	172	0	172	1	172	0	172	1	172
	Left-Through		0							0				0				0	
	Through	503	2	201	0	503	201	187	696	2	266	0	696	2	266	0	696	2	266
	Through-Right		1							1				1				1	
	Right	101	0	101	0	101	101	0	102	0	102	0	102	0	102	0	102	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	94	1	94	0	94	94	9	104	1	104	0	104	1	104	0	104	1	104
	Left-Through		0							0				0				0	
	Through	707	2	274	0	707	274	246	962	2	360	0	962	2	360	0	962	2	360
	Through-Right		1							1				1				1	
	Right	116	0	116	0	116	116	0	117	0	117	0	117	0	117	0	117	0	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	54	1	54	0	54	54	0	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	585	2	293	0	585	293	109	701	2	351	0	701	2	351	0	701	2	351
	Through-Right		0							0				0				0	
	Right	330	1	160	0	330	160	0	334	1	162	0	334	1	162	0	334	1	162
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	160	1	160	0	160	160	0	162	1	162	0	162	1	162	0	162	1	162
	Left-Through		0							0				0				0	
	Through	852	2	303	0	852	303	124	986	2	348	0	986	2	348	0	986	2	348
	Through-Right		1							1				1				1	
	Right	56	0	56	0	56	56	0	57	0	57	0	57	0	57	0	57	0	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		444	North-South:		444	North-South:			532	North-South:			532	North-South:			532
		East-West:		453	East-West:		453	East-West:			513	East-West:			513	East-West:			513
		SUM:		897	SUM:		897	SUM:			1045	SUM:			1045	SUM:			1045
VOLUME/CAPACITY (V/C) RATIO:				0.652			0.652				0.760				0.760				0.760
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.582			0.582				0.660				0.660				0.660
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
126	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	5	1	5	0	5	5	148	153	1	153	0	153	1	153	0	153	1	153
	Left-Through		0							0				0				0	
	Through	157	1	88	70	227	123	277	436	1	227	70	506	1	262	0	506	1	262
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	173	1	113	0	173	113	0	175	1	130	0	175	1	130	0	175	1	130
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	30	84	0	84	0	84	0	84	0	84	0	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	45	1	45	0	45	45	24	70	1	70	0	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	111	1	59	0	111	59	95	207	1	107	0	207	1	107	0	207	1	107
	Through-Right		1							1				1				1	
	Right	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	194	1	119	0	194	119	63	259	1	152	0	259	1	152	0	259	1	152
	Through-Right		1							1				1				1	
	Right	44	0	44	0	44	44	0	45	0	45	0	45	0	45	0	45	0	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		131	North-South:		166	North-South:			283	North-South:			306	North-South:			306
		East-West:		164	East-West:		164	East-West:			222	East-West:			222	East-West:			222
		SUM:		295	SUM:		330	SUM:			505	SUM:			528	SUM:			528
VOLUME/CAPACITY (V/C) RATIO:				0.207			0.232				0.354				0.371				0.371
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.137			0.162				0.254				0.271				0.271
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.017 | Δv/c after mitigation: 0.017
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
127	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	26	1	26	0	26	26	50	76	1	76	0	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	218	2	109	71	289	145	74	295	2	148	71	366	2	183	0	366	2	183
	Through-Right		0							0				0				0	
	Right	32	1	8	0	32	8	42	74	1	0	0	74	1	0	0	74	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	26	1	26	0	26	26	26	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	191	2	78	0	191	78	80	273	2	106	0	273	2	106	0	273	2	106
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	30	1	30	0	30	30	0	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	18	1	18	0	18	18	57	75	1	75	0	75	1	75	0	75	1	75
	Through-Right		1							1				1				1	
	Right	48	0	35	0	48	35	55	104	0	66	0	104	0	66	0	104	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	1	24	0	24	24	73	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	58	2	29	0	58	29	250	309	2	155	0	309	2	155	0	309	2	155
	Through-Right		0							0				0				0	
	Right	49	1	36	0	49	36	39	89	1	63	0	89	1	63	0	89	1	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		135	North-South:		171	North-South:			200	North-South:			235	North-South:			235
		East-West:		66	East-West:		66	East-West:			185	East-West:			185	East-West:			185
		SUM:		201	SUM:		237	SUM:			385	SUM:			420	SUM:			420
VOLUME/CAPACITY (V/C) RATIO:				0.141			0.166				0.270				0.295				0.295
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.092			0.108				0.170				0.195				0.195
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.025 | Δv/c after mitigation: 0.025
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
128	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	9	1	9	0	9	9	0	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	539	1	291	484	1023	533	140	686	1	365	484	1170	1	607	0	1170	1	607
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	97	1	97	0	97	97	137	235	1	235	0	235	1	235	0	235	1	235
	Left-Through		0							0				0				0	
	Through	773	1	406	0	773	406	177	959	1	499	0	959	1	499	0	959	1	499
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	0	38	0	38	0	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	27	0	27	0	27	27	0	27	0	27	0	27	0	27	0	27	0	27
	Left-Through		0							1				1				1	
	Through	178	1	112	0	178	112	0	180	1	127	0	180	1	127	0	180	1	127
	Through-Right		1							1				1				1	
	Right	19	0	112	0	19	112	0	19	0	127	0	19	0	127	0	19	0	127
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
	Left-Through		0							1				1				1	
	Through	91	0	128	0	91	128	0	92	0	138	0	92	0	138	0	92	0	138
	Through-Right		1							1				1				1	
	Right	119	0	128	0	119	128	138	258	0	141	0	258	0	141	0	258	0	141
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		415	North-South:		630	North-South:			600	North-South:			842	North-South:			842
		East-West:		157	East-West:		157	East-West:			173	East-West:			173	East-West:			173
		SUM:		572	SUM:		787	SUM:			773	SUM:			1015	SUM:			1015
VOLUME/CAPACITY (V/C) RATIO:				0.381			0.525				0.515				0.677				0.677
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.311			0.455				0.415				0.577				0.577
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.162 | Δv/c after mitigation: 0.162
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
129	East-West Street:	College	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2
Override Capacity				0			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	613	1	**355**	484	1097	**597**	278	898	1	**498**	484	1382	1	**740**	0	1382	1	**740**
	Through-Right		1							1				1				1	
	Right	96	0	96	0	96	96	0	97	0	97	0	97	0	97	0	97	0	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	163	1	**163**	0	163	**163**	105	270	1	**270**	0	270	1	**270**	0	270	1	**270**
	Left-Through		0							0				0				0	
	Through	832	1	446	0	832	446	314	1156	1	609	0	1156	1	609	0	1156	1	609
	Through-Right		1							1				1				1	
	Right	60	0	60	0	60	60	0	61	0	61	0	61	0	61	0	61	0	61
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	46	0	**46**	0	46	**46**	0	47	0	**47**	0	47	0	**47**	0	47	0	**47**
	Left-Through		1							1				1				1	
	Through	117	0	92	0	117	92	0	118	0	117	0	118	0	117	0	118	0	117
	Through-Right		1							1				1				1	
	Right	21	0	92	0	21	92	0	21	0	117	0	21	0	117	0	21	0	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through		1							1				1				1	
	Through	147	0	**141**	0	147	**141**	0	149	0	**195**	0	149	0	**195**	0	149	0	**195**
	Through-Right		1							1				1				1	
	Right	84	0	141	0	84	141	104	189	0	195	0	189	0	195	0	189	0	195
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		518	North-South:		760	North-South:			768	North-South:			1010	North-South:			1010
		East-West:		187	East-West:		187	East-West:			242	East-West:			242	East-West:			242
		SUM:		705	SUM:		947	SUM:			1010	SUM:			1252	SUM:			1252
VOLUME/CAPACITY (V/C) RATIO:				0.470			0.631				0.673				0.835				0.835
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.400			0.561				0.573				0.735				0.735
LEVEL OF SERVICE (LOS):				A			A				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.162 | Δv/c after mitigation: 0.162

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Sunset	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
130	East-West Street:	Elysian Park	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--	0	NB--	SB-- 3	0	NB--	SB--	0	NB--	SB--	0	NB--	SB-- 3	0	NB--	SB--	0	NB--	SB-- 3	0
	EB-- 0	WB--	3	EB--	WB-- 3	3	EB--	WB--	3	EB--	WB--	3	EB--	WB-- 3	3	EB--	WB--	3	EB--	WB-- 3	3
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2
Override Capacity				0			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	916	2	**458**	41	957	**479**	95	1022	2	**511**	41	1063	2	**532**	0	1063	2	**532**
	Through-Right		1							1				1				1	
	Right	97	1	0	0	97	0	0	98	1	0	0	98	1	0	0	98	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	60	1	**60**	0	60	**60**	0	61	1	**61**	0	61	1	**61**	0	61	1	**61**
	Left-Through		0							0				0				0	
	Through	645	2	323	0	645	323	112	765	2	383	0	765	2	383	0	765	2	383
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	787	2	**433**	0	787	**433**	0	796	2	**438**	0	796	2	**438**	0	796	2	**438**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	510	2	221	0	510	221	0	516	2	223	0	516	2	223	0	516	2	223
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		518	North-South:		539	North-South:			572	North-South:			593	North-South:			593
		East-West:		433	East-West:		433	East-West:			438	East-West:			438	East-West:			438
		SUM:		951	SUM:		972	SUM:			1010	SUM:			1031	SUM:			1031
VOLUME/CAPACITY (V/C) RATIO:				0.667			0.682				0.709				0.724				0.724
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.597			0.612				0.609				0.624				0.624
LEVEL OF SERVICE (LOS):				A			B				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.015 | Δv/c after mitigation: 0.015

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
131	East-West Street:	Bellevue	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2
Override Capacity				0			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	665	2	**333**	264	929	465	119	792	2	**396**	264	1056	2	528	0	1056	2	528
	Through-Right		0							0				0				0	
	Right	270	1	190	399	669	**589**	109	382	1	295	399	781	1	**694**	0	781	1	**694**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	114	1	**114**	0	114	**114**	0	115	1	**115**	0	115	1	**115**	0	115	1	**115**
	Left-Through		0							0				0				0	
	Through	797	2	399	0	797	399	126	933	2	467	0	933	2	467	0	933	2	467
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	290	2	**160**	0	290	**160**	25	318	2	**175**	0	318	2	**175**	0	318	2	**175**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	133	1	76	0	133	76	0	135	1	78	0	135	1	78	0	135	1	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		447	North-South:		703	North-South:			511	North-South:			809	North-South:			809
		East-West:		160	East-West:		160	East-West:			175	East-West:			175	East-West:			175
		SUM:		607	SUM:		863	SUM:			686	SUM:			984	SUM:			984
VOLUME/CAPACITY (V/C) RATIO:				0.426			0.606				0.481				0.691				0.691
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.356			0.536				0.381				0.591				0.591
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.210 | Δv/c after mitigation: 0.210

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
132	East-West Street:	Temple	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB--	SB-- 0	0	NB--	SB--	0	NB--	SB--	0	NB--	SB-- 0	0	NB--	SB--	0	NB--	SB-- 0	0
	EB-- 0	WB--	0	EB--	WB-- 0	0	EB--	WB--	0	EB--	WB--	0	EB--	WB-- 0	0	EB--	WB--	0	EB--	WB-- 0	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2
Override Capacity				0			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	63	1	**63**	0	63	63	6	70	1	**70**	0	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	609	1	316	663	1272	**647**	198	814	1	418	663	1477	1	**750**	0	1477	1	**750**
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	77	1	77	0	77	**77**	2	80	1	80	0	80	1	**80**	0	80	1	**80**
	Left-Through		0							0				0				0	
	Through	569	1	**376**	0	569	376	180	756	1	**485**	0	756	1	485	0	756	1	485
	Through-Right		1							1				1				1	
	Right	182	0	182	0	182	182	29	213	0	213	0	213	0	213	0	213	0	213
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	254	1	**254**	0	254	**254**	2	259	1	**259**	0	259	1	**259**	0	259	1	**259**
	Left-Through		0							0				0				0	
	Through	293	1	196	0	293	196	57	354	1	240	0	354	1	240	0	354	1	240
	Through-Right		1							1				1				1	
	Right	98	0	98	0	98	98	26	125	0	125	0	125	0	125	0	125	0	125
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	28	1	28	0	28	28	0	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	374	1	**238**	0	374	**238**	31	410	1	**270**	0	410	1	**270**	0	410	1	**270**
	Through-Right		1							1				1				1	
	Right	101	0	101	0	101	101	28	130	0	130	0	130	0	130	0	130	0	130
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		439	North-South:		724	North-South:			555	North-South:			830	North-South:			830
		East-West:		492	East-West:		492	East-West:			529	East-West:			529	East-West:			529
		SUM:		931	SUM:		1216	SUM:			1084	SUM:			1359	SUM:			1359
VOLUME/CAPACITY (V/C) RATIO:				0.653			0.853				0.761				0.954				0.954
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.583			0.783				0.661				0.854				0.854
LEVEL OF SERVICE (LOS):				A			C				B				D				D

PROJECT IMPACT

Change in v/c due to project: 0.193 | Δv/c after mitigation: 0.193

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
133	East-West Street:	US 101 NB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	309	1	309	92	401	401	11	324	1	324	92	416	1	416	0	416	1	416
	Left-Through		0							0				0				0	
	Through	936	3	312	18	954	318	163	1110	3	370	18	1128	3	376	0	1128	3	376
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	863	2	380	0	863	380	84	957	2	448	0	957	2	448	0	957	2	448
	Through-Right		1							1				1				1	
	Right	278	0	278	0	278	278	107	388	0	388	0	388	0	388	0	388	0	388
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	162	1	131	0	162	131	30	194	1	154	0	194	1	154	0	194	1	154
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	99	0	131	0	99	131	14	114	0	154	0	114	0	154	0	114	0	154
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
CRITICAL VOLUMES		North-South:		689	North-South:		781	North-South:		772		North-South:		864		North-South:		864	
		East-West:		131	East-West:		131	East-West:		154		East-West:		154		East-West:		154	
		SUM:		820	SUM:		912	SUM:		926		SUM:		1018		SUM:		1018	
VOLUME/CAPACITY (V/C) RATIO:				0.575			0.640			0.650				0.714				0.714	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.505			0.570			0.550				0.614				0.614	
LEVEL OF SERVICE (LOS):				A			A			A				B				B	

PROJECT IMPACT

Change in v/c due to project: 0.064 | Δv/c after mitigation: 0.064

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
134	East-West Street:	US 101 SB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	938	2	404	110	1048	441	98	1047	2	447	110	1157	2	484	0	1157	2	484
	Through-Right		1							1				1				1	
	Right	275	0	275	0	275	275	17	295	0	295	0	295	0	295	0	295	0	295
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	161	0	161	0	161	161	26	189	0	189	0	189	0	189	0	189	0	189
	Left-Through		1							1				1				1	
	Through	870	2	435	0	870	435	124	1004	2	502	0	1004	2	502	0	1004	2	502
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	251	1	251	0	251	251	106	360	1	360	0	360	1	360	0	360	1	360
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	156	1	156	0	156	156	10	168	1	168	0	168	1	168	0	168	1	168
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		565	North-South:		602	North-South:		636		North-South:		673		North-South:		673	
		East-West:		251	East-West:		251	East-West:		360		East-West:		360		East-West:		360	
		SUM:		816	SUM:		853	SUM:		996		SUM:		1033		SUM:		1033	
VOLUME/CAPACITY (V/C) RATIO:				0.544			0.569			0.664				0.689				0.689	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.474			0.499			0.564				0.589				0.589	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.025 | Δv/c after mitigation: 0.025

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
135	East-West Street:	Beverly	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through		1							1				1				1	
	Through	1043	1	396	110	1153	433	107	1163	1	454	110	1273	1	490	0	1273	1	490
	Through-Right		1							1				1				1	
	Right	54	0	396	0	54	433	5	60	0	454	0	60	0	490	0	60	0	490
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	21	0	21	0	21	21	0	21	0	21	0	21	0	21	0	21	0	21
	Left-Through		1							1				1				1	
	Through	891	1	509	0	891	509	112	1014	1	570	0	1014	1	570	0	1014	1	570
	Through-Right		0							0				0				0	
	Right	73	1	31	0	73	31	0	74	1	31	0	74	1	31	0	74	1	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	85	1	85	0	85	85	0	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	343	2	127	0	343	127	257	604	2	214	0	604	2	214	0	604	2	214
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	0	38	0	38	0	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	53	1	53	0	53	53	1	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	368	2	143	0	368	143	270	642	2	235	0	642	2	235	0	642	2	235
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		532	North-South:		532	North-South:		593		North-South:		593		North-South:		593	
		East-West:		228	East-West:		228	East-West:		321		East-West:		321		East-West:		321	
		SUM:		760	SUM:		760	SUM:		914		SUM:		914		SUM:		914	
VOLUME/CAPACITY (V/C) RATIO:				0.507			0.507			0.609				0.609				0.609	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.437			0.437			0.509				0.509				0.509	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
136	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	79	1	79	0	79	79	10	90	1	90	0	90	1	90	0	90	1	90
	Left-Through		0							0				0				0	
	Through	1195	2	423	66	1261	445	293	1502	2	528	66	1568	2	550	0	1568	2	550
	Through-Right		1							1				1				1	
	Right	73	0	73	0	73	73	8	82	0	82	0	82	0	82	0	82	0	82
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	90	1	90	0	90	90	0	91	1	91	0	91	1	91	0	91	1	91
	Left-Through		0							0				0				0	
	Through	954	2	355	0	954	355	282	1248	2	455	0	1248	2	455	0	1248	2	455
	Through-Right		1							1				1				1	
	Right	110	0	110	0	110	110	6	117	0	117	0	117	0	117	0	117	0	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	119	1	119	0	119	119	6	126	1	126	0	126	1	126	0	126	1	126
	Left-Through		0							0				0				0	
	Through	676	1	370	0	676	370	217	901	1	487	0	901	1	487	0	901	1	487
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	8	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	80	1	80	0	80	80	9	90	1	90	0	90	1	90	0	90	1	90
	Left-Through		0							0				0				0	
	Through	831	2	416	0	831	416	213	1054	2	527	0	1054	2	527	0	1054	2	527
	Through-Right		1							1				1				1	
	Right	88	1	43	0	88	43	0	89	1	44	0	89	1	44	0	89	1	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		513	North-South:		535	North-South:		619		North-South:		641		North-South:		641	
		East-West:		535	East-West:		535	East-West:		653		East-West:		653		East-West:		653	
		SUM:		1048	SUM:		1070	SUM:		1272		SUM:		1294		SUM:		1294	
VOLUME/CAPACITY (V/C) RATIO:				0.699			0.713			0.848				0.863				0.863	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.629			0.643			0.748				0.763				0.763	
LEVEL OF SERVICE (LOS):				B			B			C				C				C	

PROJECT IMPACT

Change in v/c due to project: 0.015 | Δv/c after mitigation: 0.015

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvardo	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
137	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through		1							1				1				1	
	Through	869	1	**365**	68	937	**388**	99	978	1	**427**	68	1046	1	**450**	0	1046	1	**450**
	Through-Right		1							1				1				1	
	Right	110	0	365	0	110	388	18	129	0	427	0	129	0	450	0	129	0	450
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	27	0	**27**	0	27	**27**	0	27	0	**27**	0	27	0	**27**	0	27	0	**27**
	Left-Through		1							1				1				1	
	Through	770	1	330	0	770	348	89	868	1	389	0	868	1	389	0	868	1	389
	Through-Right		1							1				1				1	
	Right	112	0	330	0	112	348	25	138	0	389	0	138	0	389	0	138	0	389
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	95	1	**95**	0	95	**95**	3	99	1	**99**	0	99	1	**99**	0	99	1	**99**
	Left-Through		0							0				0				0	
	Through	452	1	257	0	452	257	205	662	1	363	0	662	1	363	0	662	1	363
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	52	1	52	0	52	52	12	65	1	65	0	65	1	65	0	65	1	65
	Left-Through		0							0				0				0	
	Through	469	1	**275**	0	469	**296**	201	676	1	**379**	0	676	1	**400**	0	676	1	**400**
	Through-Right		1							1				1				1	
	Right	80	0	80	42	122	122	1	82	0	82	42	124	0	124	0	124	0	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		392	North-South:		415	North-South:			454	North-South:			477	North-South:			477
		East-West:		370	East-West:		391	East-West:			478	East-West:			499	East-West:			499
		SUM:		762	SUM:		806	SUM:			932	SUM:			976	SUM:			976
VOLUME/CAPACITY (V/C) RATIO:				0.508			0.537				0.654				0.685				0.685
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.438			0.467				0.554				0.585				0.585
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.031 Δv/c after mitigation: 0.031

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
138	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	86	0	**86**	0	86	**86**	16	103	0	**103**	0	103	0	103	0	103	0	103
	Left-Through		1							1				1				1	
	Through	777	1	403	60	837	423	108	894	1	542	60	954	1	**562**	0	954	1	**562**
	Through-Right		1							1				1				1	
	Right	87	0	403	0	87	423	26	114	0	542	0	114	0	562	0	114	0	562
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	101	1	101	0	101	101	0	102	1	102	0	102	1	**102**	0	102	1	**102**
	Left-Through		0							0				0				0	
	Through	886	1	**488**	0	886	**488**	99	996	1	**544**	0	996	1	544	0	996	1	544
	Through-Right		1							1				1				1	
	Right	90	0	90	0	90	90	0	91	0	91	0	91	0	91	0	91	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	150	1	150	0	150	150	0	152	1	152	0	152	1	152	0	152	1	152
	Left-Through		0							0				0				0	
	Through	783	2	**302**	0	783	**302**	78	870	2	**335**	0	870	2	**335**	0	870	2	**335**
	Through-Right		1							1				1				1	
	Right	122	0	122	0	122	122	11	134	0	134	0	134	0	134	0	134	0	134
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	177	1	**177**	3	180	**180**	23	202	1	**202**	3	205	1	**205**	0	205	1	**205**
	Left-Through		0							0				0				0	
	Through	793	2	297	49	842	315	80	883	2	327	49	932	2	346	0	932	2	346
	Through-Right		1							1				1				1	
	Right	98	0	98	6	104	104	0	99	0	99	6	105	0	105	0	105	0	105
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		574	North-South:		574	North-South:			647	North-South:			664	North-South:			664
		East-West:		479	East-West:		482	East-West:			537	East-West:			540	East-West:			540
		SUM:		1053	SUM:		1056	SUM:			1184	SUM:			1204	SUM:			1204
VOLUME/CAPACITY (V/C) RATIO:				0.766			0.768				0.861				0.876				0.876
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.696			0.698				0.761				0.776				0.776
LEVEL OF SERVICE (LOS):				B			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.015 Δv/c after mitigation: 0.015

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
139	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	36	0	**36**	0	36	**36**	5	41	0	**41**	0	41	0	**41**	0	41	0	**41**
	Left-Through		1							1				1				1	
	Through	463	0	268	15	478	275	42	511	0	297	15	526	0	304	0	526	0	304
	Through-Right		1							1				1				1	
	Right	89	1	0	0	89	0	10	100	1	0	0	100	1	0	0	100	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	53	0	53	0	53	53	11	65	0	65	0	65	0	65	0	65	0	65
	Left-Through		1							1				1				1	
	Through	495	1	**301**	0	495	**301**	29	530	1	**395**	0	530	1	**395**	0	530	1	**395**
	Through-Right		0							0				0				0	
	Right	59	1	36	0	59	36	0	60	1	37	0	60	1	37	0	60	1	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	46	1	46	0	46	46	0	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	930	2	**325**	-1	929	**325**	80	1021	2	**511**	-1	1020	2	**510**	0	1020	2	**510**
	Through-Right		1							2				0				0	
	Right	45	0	45	0	45	45	2	48	1	48	0	48	1	48	0	48	1	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	96	1	**96**	1	97	**97**	9	106	1	**106**	1	107	1	**107**	0	107	1	**107**
	Left-Through		0							0				0				0	
	Through	982	2	342	58	1040	361	79	1073	2	537	58	1131	2	566	0	1131	2	566
	Through-Right		1							0				0				0	
	Right	43	0	43	1	44	44	8	52	1	52	1	53	1	53	0	53	1	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		337	North-South:		337	North-South:			436	North-South:			436	North-South:			436
		East-West:		421	East-West:		422	East-West:			617	East-West:			617	East-West:			617
		SUM:		758	SUM:		759	SUM:			1053	SUM:			1053	SUM:			1053
VOLUME/CAPACITY (V/C) RATIO:				0.532			0.533				0.739				0.739				0.739
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.462			0.463				0.639				0.639				0.639
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
140	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	87	1	**87**	0	87	**87**	76	164	1	**164**	0	164	1	**164**	0	164	1	**164**
	Left-Through		0							0				0				0	
	Through	1032	2	361	60	1092	381	266	1310	2	454	60	1370	2	474	0	1370	2	474
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	96	1	96	0	96	96	4	101	1	101	0	101	1	101	0	101	1	101
	Left-Through		0							0				0				0	
	Through	922	2	**461**	0	922	**461**	234	1167	2	**584**	0	1167	2	**584**	0	1167	2	**584**
	Through-Right		0							0				0				0	
	Right	93	1	0	0	93	0	61	155	1	0	0	155	1	0	0	155	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	123	1	**123**	0	123	**123**	41	165	1	**165**	0	165	1	**165**	0	165	1	**165**
	Left-Through		0							0				0				0	
	Through	717	2	249	-1	716	249	82	808	2	300	-1	807	2	299	0	807	2	299
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	60	91	0	91	0	91	0	91	0	91	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	114	1	114	3	117	117	30	145	1	145	3	148	1	148	0	148	1	148
	Left-Through		0							0				0				0	
	Through	707	2	**268**	60	767	**290**	83	799	2	**300**	60	859	2	**322**	0	859	2	**322**
	Through-Right		1							1				1				1	
	Right	97	0	97	6	103	103	4	102	0	102	6	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		548	North-South:		548	North-South:			748	North-South:			748	North-South:			748
		East-West:		391	East-West:		413	East-West:			465	East-West:			487	East-West:			487
		SUM:		939	SUM:		961	SUM:			1213	SUM:			1235	SUM:			1235
VOLUME/CAPACITY (V/C) RATIO:				0.683			0.699				0.882				0.898				0.898
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.613			0.629				0.782				0.798				0.798
LEVEL OF SERVICE (LOS):				B			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.016 Δv/c after mitigation: 0.016

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
141	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	22	0	22	18	40	40	0	22	0	22	18	40	0	40	0	40	0	40
	Left-Through		1							1				1				1	
	Through	776	1	312	68	844	**359**	114	899	1	**368**	68	967	1	**415**	0	967	1	**415**
	Through-Right		1							1				1				1	
	Right	72	0	312	0	72	359	44	117	0	368	0	117	0	415	0	117	0	415
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	20	0	20	0	20	**20**	0	20	0	**20**	0	20	0	**20**	0	20	0	**20**
	Left-Through		1							1				1				1	
	Through	749	1	**311**	0	749	311	101	859	1	361	0	859	1	361	0	859	1	361
	Through-Right		1							1				1				1	
	Right	103	0	311	0	103	311	0	104	0	361	0	104	0	361	0	104	0	361
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	96	1	**96**	0	96	**96**	0	97	1	**97**	0	97	1	**97**	0	97	1	**97**
	Left-Through		0							0				0				0	
	Through	589	1	315	-1	588	314	58	654	1	347	-1	653	1	347	0	653	1	347
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	0	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	43	1	43	21	64	64	57	101	1	101	21	122	1	122	0	122	1	122
	Left-Through		0							0				0				0	
	Through	526	1	**305**	54	580	**332**	85	617	1	**353**	54	671	1	**380**	0	671	1	**380**
	Through-Right		1							1				1				1	
	Right	84	0	84	0	84	84	3	88	0	88	0	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		333	*North-South:*		379	*North-South:*			388	*North-South:*			435	*North-South:*			435
		East-West:		401	*East-West:*		428	*East-West:*			450	*East-West:*			477	*East-West:*			477
		SUM:		734	*SUM:*		807	*SUM:*			838	*SUM:*			912	*SUM:*			912
VOLUME/CAPACITY (*V/C*) RATIO:				0.489			0.538				0.559				0.608				0.608
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.419			0.468				0.459				0.508				0.508
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.049 | *Δv/c* after mitigation: 0.049

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
142	East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	70	1	**70**	0	70	70	10	81	1	**81**	0	81	1	**81**	0	81	1	**81**
	Left-Through		0							0				0				0	
	Through	1031	1	547	60	1091	**577**	247	1290	1	677	60	1350	1	707	0	1350	1	707
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	0	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	45	1	45	0	45	**45**	9	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	967	1	**544**	3	970	545	246	1225	1	**682**	3	1228	1	**684**	0	1228	1	**684**
	Through-Right		1							1				1				1	
	Right	120	0	120	0	120	120	18	139	0	139	0	139	0	139	0	139	0	139
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	43	0	**43**	0	43	**43**	17	61	0	61	0	61	0	61	0	61	0	61
	Left-Through		1							1				1				1	
	Through	357	0	259	0	357	259	144	505	0	**416**	0	505	0	**416**	0	505	0	**416**
	Through-Right		1							1				1				1	
	Right	74	0	259	0	74	259	7	82	0	416	0	82	0	416	0	82	0	416
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	25	0	25	0	25	25	0	25	0	**25**	0	25	0	**25**	0	25	0	**25**
	Left-Through		1							1				1				1	
	Through	418	0	**259**	0	418	**259**	140	563	0	338	0	563	0	338	0	563	0	338
	Through-Right		1							1				1				1	
	Right	50	0	259	0	50	259	11	62	0	338	0	62	0	338	0	62	0	338
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		614	*North-South:*		622	*North-South:*			763	*North-South:*			765	*North-South:*			765
		East-West:		302	*East-West:*		302	*East-West:*			441	*East-West:*			441	*East-West:*			441
		SUM:		916	*SUM:*		924	*SUM:*			1204	*SUM:*			1206	*SUM:*			1206
VOLUME/CAPACITY (*V/C*) RATIO:				0.611			0.616				0.803				0.804				0.804
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.511			0.516				0.703				0.704				0.704
LEVEL OF SERVICE (LOS):				A			A				C				C				C

PROJECT IMPACT

Change in *v/c* due to project: 0.001 | *Δv/c* after mitigation: 0.001

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
143	East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through		1							1				1				1	
	Through	814	1	**334**	37	851	**346**	154	978	1	**389**	37	1015	1	**401**	0	1015	1	**401**
	Through-Right		1							1				1				1	
	Right	99	0	334	0	99	346	0	100	0	389	0	100	0	401	0	100	0	401
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	0	**23**	0	23	**23**	0	23	0	**23**	0	23	0	**23**	0	23	0	**23**
	Left-Through		1							1				1				1	
	Through	628	1	262	21	649	269	150	786	1	334	21	807	1	341	0	807	1	341
	Through-Right		1							1				1				1	
	Right	67	0	262	0	67	269	9	77	0	334	0	77	0	341	0	77	0	341
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	1	**37**	0	37	37	3	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	215	1	215	0	215	**215**	199	417	1	**417**	0	417	1	**417**	0	417	1	**417**
	Through-Right		0							0				0				0	
	Right	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	27	1	27	127	154	**154**	0	27	1	**27**	127	154	1	**154**	0	154	1	**154**
	Left-Through		0							0				0				0	
	Through	462	1	**269**	0	462	294	164	632	1	356	0	632	1	381	0	632	1	381
	Through-Right		1							1				1				1	
	Right	75	0	75	50	125	125	3	79	0	79	50	129	0	129	0	129	0	129
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		357	*North-South:*		369	*North-South:*			412	*North-South:*			424	*North-South:*			424
		East-West:		306	*East-West:*		369	*East-West:*			444	*East-West:*			571	*East-West:*			571
		SUM:		663	*SUM:*		738	*SUM:*			856	*SUM:*			995	*SUM:*			995
VOLUME/CAPACITY (*V/C*) RATIO:				0.442			0.492				0.571				0.663				0.663
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.342			0.392				0.471				0.563				0.563
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.092 | *Δv/c* after mitigation: 0.092

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
144	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	85	1	85	0	85	85	0	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	847	2	**424**	33	880	**440**	134	991	2	**496**	33	1024	2	**512**	0	1024	2	**512**
	Through-Right		0							0				0				0	
	Right	23	1	0	0	23	0	11	34	1	0	0	34	1	0	0	34	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	133	1	**133**	0	133	**133**	11	146	1	**146**	0	146	1	**146**	0	146	1	**146**
	Left-Through		0							0				0				0	
	Through	638	2	319	3	641	321	122	768	2	384	3	771	2	386	0	771	2	386
	Through-Right		0							0				0				0	
	Right	65	1	6	0	65	6	0	66	1	6	0	66	1	6	0	66	1	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	59	1	**59**	0	59	**59**	0	60	1	**60**	0	60	1	**60**	0	60	1	**60**
	Left-Through		0							0				0				0	
	Through	635	2	227	0	635	227	187	830	2	292	0	830	2	292	0	830	2	292
	Through-Right		1							1				1				1	
	Right	46	0	46	0	46	46	0	47	0	47	0	47	0	47	0	47	0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	48	1	48	14	62	62	16	65	1	65	14	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	632	2	**235**	232	864	**322**	186	826	2	**306**	232	1058	2	**392**	0	1058	2	**392**
	Through-Right		1							1				1				1	
	Right	74	0	74	27	101	101	16	91	0	91	27	118	0	118	0	118	0	118
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		557	*North-South:*		573	*North-South:*			642	*North-South:*			658	*North-South:*			658
		East-West:		294	*East-West:*		381	*East-West:*			366	*East-West:*			452	*East-West:*			452
		SUM:		851	*SUM:*		954	*SUM:*			1008	*SUM:*			1110	*SUM:*			1110
VOLUME/CAPACITY (*V/C*) RATIO:				0.619			0.694				0.733				0.807				0.807
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.519			0.594				0.633				0.707				0.707
LEVEL OF SERVICE (LOS):				A			A				B				C				C

PROJECT IMPACT

Change in *v/c* due to project: 0.074 | *Δv/c* after mitigation: 0.074

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	145	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	
	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	93	1	93	0	93	93	52	146	1	146	0	146	1	146	0	146	1	146
	Left-Through		0							0				0				0	
	Through	591	1	**354**	8	599	**358**	30	628	1	**379**	8	636	1	**383**	0	636	1	**383**
	Through-Right		1							1				1				1	
	Right	116	0	116	0	116	116	13	130	0	130	0	130	0	130	0	130	0	130
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	64	1	**64**	0	64	**64**	10	75	1	**75**	0	75	1	**75**	0	75	1	**75**
	Left-Through		0							0				0				0	
	Through	576	2	288	1	577	289	31	614	2	307	1	615	2	308	0	615	2	308
	Through-Right		0							0				0				0	
	Right	90	1	63	0	90	63	23	114	1	70	0	114	1	70	0	114	1	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	55	1	**55**	0	55	**55**	32	88	1	**88**	0	88	1	**88**	0	88	1	**88**
	Left-Through		0							0				0				0	
	Through	1074	2	379	0	1074	379	232	1319	2	486	0	1319	2	486	0	1319	2	486
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	74	139	0	139	0	139	0	139	0	139	0	139
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	64	1	64	3	67	67	24	89	1	89	3	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	1227	2	**434**	273	1500	**528**	201	1443	2	**513**	273	1716	2	**606**	0	1716	2	**606**
	Through-Right		1							1				1				1	
	Right	76	0	76	7	83	83	19	96	0	96	7	103	0	103	0	103	0	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		418	North-South:		422	North-South:			454	North-South:			458	North-South:			458
		East-West:		489	East-West:		583	East-West:			601	East-West:			694	East-West:			694
		SUM:		907	SUM:		1005	SUM:			1055	SUM:			1152	SUM:			1152
VOLUME/CAPACITY (V/C) RATIO:				0.605			0.670				0.703				0.768				0.768
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.505			0.570				0.603				0.668				0.668
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.065 Δv/c after mitigation: 0.065

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	146	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4				4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--	0	NB--	3 SB--	0	NB--	3 SB--	0	NB--	3	SB--	0	NB--	3 SB--	0	NB--	3 SB--	0	NB--	3 SB--	0	
	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	102	1	**102**	0	102	102	33	136	1	**136**	0	136	1	**136**	0	136	1	**136**
	Left-Through		0							0				0				0	
	Through	957	2	479	33	990	**495**	208	1177	2	589	33	1210	2	605	0	1210	2	605
	Through-Right		1							1				1				1	
	Right	47	1	0	0	47	0	1	49	1	0	0	49	1	0	0	49	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	96	1	96	0	96	**96**	13	110	1	110	0	110	1	110	0	110	1	110
	Left-Through		0							0				0				0	
	Through	852	1	**485**	3	855	486	222	1084	1	**609**	3	1087	1	**611**	0	1087	1	**611**
	Through-Right		1							1				1				1	
	Right	117	0	117	0	117	117	16	134	0	134	0	134	0	134	0	134	0	134
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	141	1	141	0	141	**141**	28	171	1	171	0	171	1	**171**	0	171	1	**171**
	Left-Through		0							0				0				0	
	Through	701	2	**351**	0	701	351	238	947	2	**474**	0	947	2	474	0	947	2	474
	Through-Right		0							0				0				0	
	Right	58	1	7	0	58	7	57	116	1	48	0	116	1	48	0	116	1	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	80	1	**80**	47	127	127	1	82	1	**82**	47	129	1	129	0	129	1	129
	Left-Through		0							0				0				0	
	Through	768	2	285	283	1051	**389**	193	970	2	359	283	1253	2	**463**	0	1253	2	**463**
	Through-Right		1							1				1				1	
	Right	88	0	88	27	115	115	19	108	0	108	27	135	0	135	0	135	0	135
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		587	North-South:		591	North-South:			745	North-South:			747	North-South:			747
		East-West:		431	East-West:		530	East-West:			556	East-West:			634	East-West:			634
		SUM:		1018	SUM:		1121	SUM:			1301	SUM:			1381	SUM:			1381
VOLUME/CAPACITY (V/C) RATIO:				0.740			0.815				0.946				1.004				1.004
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.640			0.715				0.846				0.904				0.904
LEVEL OF SERVICE (LOS):				B			C				D				E				E

PROJECT IMPACT

Change in v/c due to project: 0.058 Δv/c after mitigation: 0.058

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	147	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4				4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	3	NB--	0 SB--	3	NB--	0 SB--	3	NB--	0	SB--	3	NB--	0 SB--	3	NB--	0 SB--	3	NB--	0 SB--	3	
	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	94	1	94	74	168	168	0	95	1	95	74	169	1	169	0	169	1	169
	Left-Through		0							0				0				0	
	Through	684	1	**376**	29	713	**466**	146	838	1	**468**	29	867	1	**558**	0	867	1	**558**
	Through-Right		1							1				1				1	
	Right	67	0	67	151	218	218	29	97	0	97	151	248	0	248	0	248	0	248
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	101	1	**101**	0	101	**101**	5	107	1	**107**	0	107	1	**107**	0	107	1	**107**
	Left-Through		0							0				0				0	
	Through	552	2	276	0	552	276	139	698	2	349	0	698	2	349	0	698	2	349
	Through-Right		0							0				0				0	
	Right	152	1	0	148	300	134	2	156	1	0	148	304	1	132	0	304	1	132
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	166	1	**166**	0	166	**166**	4	172	1	**172**	0	172	1	172	0	172	1	**172**
	Left-Through		0							0				0				0	
	Through	837	2	297	-1	836	296	243	1090	2	381	-1	1089	2	**381**	0	1089	2	381
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	0	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	67	1	67	97	164	164	50	118	1	118	97	215	1	**215**	0	215	1	215
	Left-Through		0							0				0				0	
	Through	799	2	**293**	152	951	**346**	208	1017	2	**367**	152	1169	2	421	267	1436	2	**510**
	Through-Right		1							1				1				1	
	Right	79	0	79	8	87	87	5	85	0	85	8	93	0	93	0	93	0	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		477	North-South:		567	North-South:			575	North-South:			665	North-South:			665
		East-West:		459	East-West:		512	East-West:			539	East-West:			596	East-West:			682
		SUM:		936	SUM:		1079	SUM:			1114	SUM:			1261	SUM:			1347
VOLUME/CAPACITY (V/C) RATIO:				0.681			0.785				0.810				0.917				0.980
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.581			0.685				0.710				0.817				0.880
LEVEL OF SERVICE (LOS):				A			B				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.107 Δv/c after mitigation: 0.170

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	148	North-South Street:	Union	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	
	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	75	1	75	0	75	75	0	76	1	76	0	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	462	0	**495**	0	462	**495**	1	469	0	**502**	0	469	0	**502**	0	469	0	**502**
	Through-Right		1							1				1				1	
	Right	33	0	0	0	33	0	0	33	0	0	0	33	0	0	0	33	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	84	1	**84**	0	84	**84**	0	85	1	**85**	0	85	1	**85**	0	85	1	**85**
	Left-Through		0							0				0				0	
	Through	404	1	404	0	404	404	1	410	1	410	0	410	1	410	0	410	1	410
	Through-Right		0							0				0				0	
	Right	97	1	61	0	97	61	0	98	1	62	0	98	1	62	0	98	1	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	72	1	**72**	0	72	72	0	73	1	**73**	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	749	2	264	150	899	**314**	277	1035	2	359	150	1185	2	**409**	0	1185	2	**409**
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	34	1	34	104	138	**138**	0	34	1	34	114	148	1	**148**	181	329	1	**329**
	Left-Through		0							0				0				0	
	Through	714	2	**259**	257	971	344	263	986	2	**355**	257	1243	2	440	267	1510	2	529
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	15	78	0	78	0	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		579	North-South:		579	North-South:			587	North-South:			587	North-South:			587
		East-West:		331	East-West:		452	East-West:			428	East-West:			557	East-West:			738
		SUM:		910	SUM:		1031	SUM:			1015	SUM:			1144	SUM:			1325
VOLUME/CAPACITY (V/C) RATIO:				0.607			0.687				0.677				0.763				0.883
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.507			0.587				0.577				0.663				0.783
LEVEL OF SERVICE (LOS):				A			A				A				B				C

PROJECT IMPACT

Change in v/c due to project: 0.086 Δv/c after mitigation: 0.206

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
149	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	89	1	89	0	89	89	0	90	1	90	0	90	1	90	0	90	1	90
	Left-Through		0							0				0				0	
	Through	926	1	513	28	954	527	134	1071	1	586	28	1099	1	600	0	1099	1	600
	Through-Right		1							1				1				1	
	Right	100	0	100	0	100	100	0	101	0	101	0	101	0	101	0	101	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	1059	1	568	17	1076	576	122	1194	1	644	17	1211	1	652	0	1211	1	652
	Through-Right		1							1				1				1	
	Right	76	0	76	0	76	76	16	93	0	93	0	93	0	93	0	93	0	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	103	1	103	0	103	103	11	115	1	115	0	115	1	115	0	115	1	115
	Left-Through		0							0				0				0	
	Through	582	1	341	0	582	341	101	690	1	396	0	690	1	396	0	690	1	396
	Through-Right		1							1				1				1	
	Right	100	0	100	0	100	100	0	101	0	101	0	101	0	101	0	101	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	83	1	83	3	86	86	0	84	1	84	3	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	490	1	275	44	534	299	97	593	1	327	44	637	1	351	0	637	1	351
	Through-Right		1							1				1				1	
	Right	59	0	59	5	64	64	0	60	0	60	5	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		657	North-South:		665	North-South:			734	North-South:			742	North-South:			742
		East-West:		424	East-West:		427	East-West:			480	East-West:			483	East-West:			483
		SUM:		1081	SUM:		1092	SUM:			1214	SUM:			1225	SUM:			1225
VOLUME/CAPACITY (V/C) RATIO:				0.721			0.728				0.809				0.817				0.817
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.621			0.628				0.709				0.717				0.717
LEVEL OF SERVICE (LOS):				B			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.008 Δv/c after mitigation: 0.008

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
150	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	46	0	46	0	46	46	0	47	0	47	0	47	0	47	0	47	0	47
	Left-Through		1							1				1				1	
	Through	740	0	530	7	747	534	83	832	0	579	7	839	0	583	0	839	0	583
	Through-Right		1							1				1				1	
	Right	136	0	530	0	136	534	0	138	0	579	0	138	0	583	0	138	0	583
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	22	0	22	0	22	22	13	35	0	35	0	35	0	35	0	35	0	35
	Left-Through		1							1				1				1	
	Through	679	0	400	4	683	402	110	797	0	487	4	801	0	489	0	801	0	489
	Through-Right		1							1				1				1	
	Right	32	0	400	0	32	402	5	37	0	487	0	37	0	489	0	37	0	489
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	48	1	48	0	48	48	2	51	1	51	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	554	1	327	0	554	327	98	659	1	380	0	659	1	380	0	659	1	380
	Through-Right		1							1				1				1	
	Right	99	0	99	0	99	99	0	100	0	100	0	100	0	100	0	100	0	100
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	94	1	94	1	95	95	0	95	1	95	1	96	1	96	0	96	1	96
	Left-Through		0							0				0				0	
	Through	543	1	294	52	595	320	91	641	1	348	52	693	1	374	0	693	1	374
	Through-Right		1							1				1				1	
	Right	44	0	44	1	45	45	9	54	0	54	1	55	0	55	0	55	0	55
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		552	North-South:		556	North-South:			614	North-South:			618	North-South:			618
		East-West:		421	East-West:		422	East-West:			475	East-West:			476	East-West:			476
		SUM:		973	SUM:		978	SUM:			1089	SUM:			1094	SUM:			1094
VOLUME/CAPACITY (V/C) RATIO:				0.649			0.652				0.726				0.729				0.729
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.549			0.552				0.626				0.629				0.629
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.003 Δv/c after mitigation: 0.003

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
151	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	91	1	91	0	91	91	0	92	1	92	0	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	1019	1	553	28	1047	567	240	1271	1	680	28	1299	1	694	0	1299	1	694
	Through-Right		1							1				1				1	
	Right	87	0	87	0	87	87	0	88	0	88	0	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	39	1	39	0	39	39	3	42	1	42	0	42	1	42	0	42	1	42
	Left-Through		0							0				0				0	
	Through	904	1	493	50	954	518	277	1192	1	638	50	1242	1	663	0	1242	1	663
	Through-Right		1							1				1				1	
	Right	81	0	81	0	81	81	1	83	0	83	0	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	56	1	56	0	56	56	1	58	1	58	0	58	1	58	0	58	1	58
	Left-Through		0							0				0				0	
	Through	384	1	224	0	384	224	110	499	1	282	0	499	1	282	0	499	1	282
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	0	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	55	1	55	130	185	185	0	56	1	56	130	186	1	186	0	186	1	186
	Left-Through		0							0				0				0	
	Through	531	1	312	54	585	341	99	636	1	365	54	690	1	395	0	690	1	395
	Through-Right		1							1				1				1	
	Right	92	0	92	5	97	97	1	94	0	94	5	99	0	99	0	99	0	99
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		592	North-South:		609	North-South:			730	North-South:			755	North-South:			755
		East-West:		368	East-West:		409	East-West:			423	East-West:			468	East-West:			468
		SUM:		960	SUM:		1018	SUM:			1153	SUM:			1223	SUM:			1223
VOLUME/CAPACITY (V/C) RATIO:				0.640			0.679				0.769				0.815				0.815
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.540			0.579				0.669				0.715				0.715
LEVEL OF SERVICE (LOS):				A			A				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.046 Δv/c after mitigation: 0.046

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
152	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	9	0	9	30	39	39	0	9	0	9	30	39	0	39	218	257	0	257
	Left-Through		0							1				0				1	
	Through	625	0	362	4	629	417	168	801	0	461	4	805	0	516	0	805	0	876
	Through-Right		1							1				1				1	
	Right	63	0	362	-14	49	417	21	85	0	461	-14	71	0	516	0	71	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	67	1	67	0	67	67	1	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	537	1	330	70	607	379	179	722	1	428	70	792	1	476	0	792	1	476
	Through-Right		1							1				1				1	
	Right	123	0	123	27	150	150	9	133	0	133	27	160	0	160	0	160	0	160
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	180	1	180	151	331	331	6	188	1	188	151	339	1	339	0	339	1	339
	Left-Through		0							0				0				0	
	Through	545	1	286	-152	393	210	107	659	1	343	-152	507	1	267	0	507	1	267
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	115	1	115	253	368	368	2	118	1	118	253	371	1	371	0	371	1	371
	Left-Through		0							0				0				0	
	Through	752	1	446	135	887	563	92	853	1	498	135	988	1	615	-323	665	1	454
	Through-Right		1							1				1				1	
	Right	140	0	140	99	239	239	1	143	0	143	99	242	0	242	0	242	0	242
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		429	North-South:		484	North-South:			530	North-South:			585	North-South:			945
		East-West:		626	East-West:		894	East-West:			686	East-West:			954	East-West:			793
		SUM:		1055	SUM:		1378	SUM:			1216	SUM:			1539	SUM:			1738
VOLUME/CAPACITY (V/C) RATIO:				0.740			0.967				0.853				1.080				1.220
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.640			0.867				0.753				0.980				1.120
LEVEL OF SERVICE (LOS):				B			D				C				E				F

PROJECT IMPACT

Change in v/c due to project: 0.227 Δv/c after mitigation: 0.367

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	153	North-South Street:	Pico	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Union	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	58	1	58	0	58	58	0	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	318	0	358	0	318	358	0	322	0	362	0	322	0	362	0	322	0	362
	Through-Right		1							1				1				1	
	Right	40	0	0	0	40	0	0	40	0	0	0	40	0	0	0	40	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	71	1	71	0	71	71	1	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	298	1	298	0	298	298	0	302	1	302	0	302	1	302	0	302	1	302
	Through-Right		0							0				0				0	
	Right	122	1	76	0	122	76	0	123	1	77	0	123	1	77	181	304	1	258
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	92	1	92	0	92	92	0	93	1	93	0	93	1	93	0	93	1	93
	Left-Through		0							0				0				0	
	Through	459	1	251	-166	293	168	126	591	1	317	-166	425	1	234	0	425	1	234
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	43	1	43	0	43	43	10	54	1	54	0	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	772	1	474	487	1259	718	92	873	1	526	487	1360	1	770	-517	843	1	511
	Through-Right		1							1				1				1	
	Right	176	0	176	0	176	176	1	179	0	179	0	179	0	179	0	179	0	179
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		429	North-South:		429	North-South:			435	North-South:			435	North-South:			435
		East-West:		566	East-West:		810	East-West:			619	East-West:			863	East-West:			604
		SUM:		995	SUM:		1239	SUM:			1054	SUM:			1298	SUM:			1039
VOLUME/CAPACITY (V/C) RATIO:				0.663			0.826				0.703				0.865				0.693
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.563			0.726				0.603				0.765				0.593
LEVEL OF SERVICE (LOS):				A			C				B				C				A

PROJECT IMPACT

Change in v/c due to project: 0.162 | Δv/c after mitigation: -0.010

Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	154	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Alvarado	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 1	SB--	0	NB-- 1	SB--	0	NB-- 1	SB--	0	NB-- 1	SB--	0	NB-- 1	SB--	0	NB-- 1	SB--	0	NB-- 1	SB--	0	NB-- 1	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	709	2	355	6	715	358	100	818	2	409	6	824	2	412	0	824	2	412
	Through-Right		1							1				1				1	
	Right	594	1	0	-1	593	0	188	789	1	0	-1	788	1	0	0	788	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	652	2	326	16	668	334	29	689	2	345	16	705	2	353	0	705	2	353
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	562	1	287	322	884	448	181	750	1	381	322	1072	1	542	0	1072	1	542
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	11	0	287	0	11	448	0	11	0	381	0	11	0	542	0	11	0	542
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
CRITICAL VOLUMES		North-South:		355	North-South:		358	North-South:			409	North-South:			412	North-South:			412
		East-West:		287	East-West:		448	East-West:			381	East-West:			542	East-West:			542
		SUM:		642	SUM:		806	SUM:			790	SUM:			954	SUM:			954
VOLUME/CAPACITY (V/C) RATIO:				0.428			0.537				0.527				0.636				0.636
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.328			0.437				0.427				0.536				0.536
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.109 | Δv/c after mitigation: 0.109

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	155	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	76	1	76	0	76	76	0	77	1	77	0	77	1	77	0	77	1	77
	Left-Through		0							0				0				0	
	Through	690	1	376	14	704	383	134	832	1	448	14	846	1	455	0	846	1	455
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	81	1	81	0	81	81	0	82	1	82	0	82	1	82	0	82	1	82
	Left-Through		0							0				0				0	
	Through	1126	2	563	19	1145	573	122	1262	2	631	19	1281	2	641	0	1281	2	641
	Through-Right		0							0				0				0	
	Right	102	1	60	0	102	60	0	103	1	61	0	103	1	61	0	103	1	61
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	84	1	84	0	84	84	0	85	1	85	0	85	1	85	0	85	1	85
	Left-Through		0							0				0				0	
	Through	438	1	244	0	438	244	45	488	1	269	0	488	1	269	0	488	1	269
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	60	1	60	7	67	67	0	61	1	61	7	68	1	68	0	68	1	68
	Left-Through		0							0				0				0	
	Through	252	1	150	163	415	238	34	289	1	169	163	452	1	257	0	452	1	257
	Through-Right		1							1				1				1	
	Right	47	0	47	13	60	60	0	48	0	48	13	61	0	61	0	61	0	61
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		639	North-South:		649	North-South:			708	North-South:			718	North-South:			718
		East-West:		304	East-West:		322	East-West:			330	East-West:			342	East-West:			342
		SUM:		943	SUM:		971	SUM:			1038	SUM:			1060	SUM:			1060
VOLUME/CAPACITY (V/C) RATIO:				0.629			0.647				0.692				0.707				0.707
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.529			0.547				0.592				0.607				0.607
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.015 | Δv/c after mitigation: 0.015

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	156	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	89	1	89	0	89	89	0	90	1	90	0	90	1	90	0	90	1	90
	Left-Through		0							0				0				0	
	Through	835	1	440	4	839	442	83	928	1	487	4	932	1	489	0	932	1	489
	Through-Right		1							1				1				1	
	Right	45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	818	1	441	5	823	443	110	938	1	501	5	943	1	504	0	943	1	504
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	0	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	80	1	80	0	80	80	0	81	1	81	0	81	1	81	0	81	1	81
	Left-Through		0							0				0				0	
	Through	539	1	276	0	539	276	45	591	1	302	0	591	1	302	0	591	1	302
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	48	1	48	2	50	50	0	49	1	49	2	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	428	1	236	183	611	329	34	467	1	256	183	650	1	349	0	650	1	349
	Through-Right		1							1				1				1	
	Right	44	0	44	3	47	47	0	45	0	45	3	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		530	North-South:		532	North-South:			591	North-South:			594	North-South:			594
		East-West:		324	East-West:		409	East-West:			351	East-West:			430	East-West:			430
		SUM:		854	SUM:		941	SUM:			942	SUM:			1024	SUM:			1024
VOLUME/CAPACITY (V/C) RATIO:				0.569			0.627				0.628				0.683				0.683
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.469			0.527				0.528				0.583				0.583
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.055 | Δv/c after mitigation: 0.055

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	157	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	51	1	51	0	51	51	0	52	1	52	0	52	1	**52**	0	52	1	**52**
	Left-Through		0							0				0				0	
	Through	1118	1	**593**	14	1132	**600**	241	1372	1	**721**	14	1386	1	728	0	1386	1	728
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	0	69	0	69	0	69	0	69	0	69	0	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	73	1	**73**	0	73	**73**	0	74	1	**74**	0	74	1	74	0	74	1	74
	Left-Through		0							0				0				0	
	Through	997	1	525	179	1176	614	277	1286	1	670	179	1465	1	**759**	0	1465	1	**759**
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	64	1	64	0	64	**64**	0	65	1	65	0	65	1	**65**	0	65	1	**65**
	Left-Through		0							0				0				0	
	Through	519	1	**299**	0	519	299	45	570	1	**325**	0	570	1	325	0	570	1	325
	Through-Right		1							1				1				1	
	Right	78	0	78	0	78	78	0	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	74	1	**74**	7	81	81	0	75	1	**75**	7	82	1	82	0	82	1	82
	Left-Through		0							0				0				0	
	Through	429	1	250	188	617	**350**	34	468	1	270	188	656	1	**370**	0	656	1	**370**
	Through-Right		1							1				1				1	
	Right	70	0	70	13	83	83	0	71	0	71	13	84	0	84	0	84	0	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		666	North-South:		673	North-South:			795	North-South:			811	North-South:			811
		East-West:		373	East-West:		414	East-West:			400	East-West:			435	East-West:			435
		SUM:		1039	SUM:		1087	SUM:			1195	SUM:			1246	SUM:			1246
VOLUME/CAPACITY (V/C) RATIO:				0.693			0.725				0.797				0.831				0.831
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.593**			**0.625**				**0.697**				**0.731**				**0.731**
LEVEL OF SERVICE (LOS):				**A**			**B**				**B**				**C**				**C**

PROJECT IMPACT

Change in v/c due to project: 0.034 | Δv/c after mitigation: 0.034

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	158	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	76	1	**76**	0	76	**76**	0	77	1	**77**	0	77	1	**77**	0	77	1	**77**
	Left-Through		0							0				0				0	
	Through	1154	2	399	2	1156	399	288	1456	2	502	2	1458	2	502	0	1458	2	502
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	6	49	0	49	0	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	1052	2	**526**	287	1339	**670**	210	1275	2	**638**	287	1562	2	**781**	0	1562	2	**781**
	Through-Right		0							0				0				0	
	Right	103	1	55	51	154	106	0	104	1	56	51	155	1	107	0	155	1	107
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	96	1	96	0	96	96	0	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	496	1	**297**	0	496	**297**	45	547	1	**323**	0	547	1	**323**	0	547	1	**323**
	Through-Right		1							1				1				1	
	Right	98	0	98	0	98	98	0	99	0	99	0	99	0	99	0	99	0	99
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	85	1	**85**	104	189	**189**	14	100	1	**100**	104	204	1	**204**	0	204	1	**204**
	Left-Through		0							0				0				0	
	Through	322	1	198	157	479	278	34	360	1	218	157	517	1	298	0	517	1	298
	Through-Right		1							1				1				1	
	Right	74	0	74	3	77	77	0	75	0	75	3	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		602	North-South:		746	North-South:			715	North-South:			858	North-South:			858
		East-West:		382	East-West:		486	East-West:			423	East-West:			527	East-West:			527
		SUM:		984	SUM:		1232	SUM:			1138	SUM:			1385	SUM:			1385
VOLUME/CAPACITY (V/C) RATIO:				0.691			0.865				0.799				0.972				0.972
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.591**			**0.765**				**0.699**				**0.872**				**0.872**
LEVEL OF SERVICE (LOS):				**A**			**C**				**B**				**D**				**D**

PROJECT IMPACT

Change in v/c due to project: 0.173 | Δv/c after mitigation: 0.173

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	159	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	92	1	**92**	0	92	**92**	0	93	1	**93**	0	93	1	**93**	0	93	1	**93**
	Left-Through		0							0				0				0	
	Through	1117	1	604	0	1117	604	134	1264	1	678	0	1264	1	678	0	1264	1	678
	Through-Right		1							1				1				1	
	Right	90	0	90	0	90	90	0	91	0	91	0	91	0	91	0	91	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	79	1	79	0	79	79	0	80	1	80	0	80	1	80	0	80	1	80
	Left-Through		0							0				0				0	
	Through	1236	1	**643**	26	1262	**656**	122	1373	1	**712**	26	1399	1	**725**	0	1399	1	**725**
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	77	1	77	0	77	77	0	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	490	2	**197**	9	499	**200**	111	607	2	**236**	9	616	2	**239**	0	616	2	**239**
	Through-Right		1							1				1				1	
	Right	101	0	101	0	101	101	0	102	0	102	0	102	0	102	0	102	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	101	1	**101**	7	108	**108**	0	102	1	**102**	7	109	1	**109**	0	109	1	**109**
	Left-Through		0							0				0				0	
	Through	350	2	145	174	524	208	96	450	2	179	174	624	2	241	0	624	2	241
	Through-Right		1							1				1				1	
	Right	85	0	85	14	99	99	0	86	0	86	14	100	0	100	0	100	0	100
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		735	North-South:		748	North-South:			805	North-South:			818	North-South:			818
		East-West:		298	East-West:		308	East-West:			338	East-West:			348	East-West:			348
		SUM:		1033	SUM:		1056	SUM:			1143	SUM:			1166	SUM:			1166
VOLUME/CAPACITY (V/C) RATIO:				0.751			0.768				0.831				0.848				0.848
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.651**			**0.668**				**0.731**				**0.748**				**0.748**
LEVEL OF SERVICE (LOS):				**B**			**B**				**C**				**C**				**C**

PROJECT IMPACT

Change in v/c due to project: 0.017 | Δv/c after mitigation: 0.017

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	160	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	137	1	**137**	0	137	**137**	0	139	1	**139**	0	139	1	**139**	0	139	1	**139**
	Left-Through		0							0				0				0	
	Through	909	1	512	0	909	512	83	1003	1	560	0	1003	1	560	0	1003	1	560
	Through-Right		1							1				1				1	
	Right	115	0	115	0	115	115	0	116	0	116	0	116	0	116	0	116	0	116
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	84	1	84	0	84	84	0	85	1	85	0	85	1	85	0	85	1	85
	Left-Through		0							0				0				0	
	Through	907	1	**479**	6	913	**482**	110	1028	1	**540**	6	1034	1	**543**	0	1034	1	**543**
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	52	1	52	0	52	52	0	53	1	53	0	53	1	53	0	53	1	53
	Left-Through		0							0				0				0	
	Through	457	2	**193**	9	466	**196**	111	574	2	**232**	9	583	2	**235**	0	583	2	**235**
	Through-Right		1							1				1				1	
	Right	122	0	122	0	122	122	0	123	0	123	0	123	0	123	0	123	0	123
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	93	1	**93**	2	95	**95**	0	94	1	**94**	2	96	1	**96**	0	96	1	**96**
	Left-Through		0							0				0				0	
	Through	354	2	131	196	550	197	96	454	2	164	196	650	2	231	0	650	2	231
	Through-Right		1							1				1				1	
	Right	38	0	38	4	42	42	0	38	0	38	4	42	0	42	0	42	0	42
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		616	North-South:		619	North-South:			679	North-South:			682	North-South:			682
		East-West:		286	East-West:		291	East-West:			326	East-West:			331	East-West:			331
		SUM:		902	SUM:		910	SUM:			1005	SUM:			1013	SUM:			1013
VOLUME/CAPACITY (V/C) RATIO:				0.656			0.662				0.731				0.737				0.737
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.556**			**0.562**				**0.631**				**0.637**				**0.637**
LEVEL OF SERVICE (LOS):				**A**			**A**				**B**				**B**				**B**

PROJECT IMPACT

Change in v/c due to project: 0.006 | Δv/c after mitigation: 0.006

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	161	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	96	1	96	0	96	96	0	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	1049	2	525	0	1049	525	241	1303	2	652	0	1303	2	652	0	1303	2	652
	Through-Right		0							0				0				0	
	Right	87	1	0	0	87	0	0	88	1	0	0	88	1	0	0	88	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	147	1	147	0	147	147	0	149	1	149	0	149	1	149	0	149	1	149
	Left-Through		0							0				0				0	
	Through	848	2	424	186	1034	517	277	1135	2	568	186	1321	2	661	0	1321	2	661
	Through-Right		0							0				0				0	
	Right	61	1	32	0	61	32	0	62	1	33	0	62	1	33	0	62	1	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	58	1	58	0	58	58	0	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	528	2	264	9	537	269	111	645	2	323	9	654	2	327	0	654	2	327
	Through-Right		0							0				0				0	
	Right	43	1	0	0	43	0	0	44	1	0	0	44	1	0	0	44	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	135	1	135	7	142	142	0	137	1	137	7	144	1	144	0	144	1	144
	Left-Through		0							0				0				0	
	Through	523	2	199	201	724	271	96	625	2	233	201	826	2	305	0	826	2	305
	Through-Right		1							1				1				1	
	Right	74	0	74	14	88	88	0	75	0	75	14	89	0	89	0	89	0	89
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		672	North-South:		672	North-South:			801	North-South:			801	North-South:			801
		East-West:		399	East-West:		411	East-West:			460	East-West:			471	East-West:			471
		SUM:		1071	SUM:		1083	SUM:			1261	SUM:			1272	SUM:			1272
	VOLUME/CAPACITY (V/C) RATIO:			0.779			0.788				0.917				0.925				0.925
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.679			0.688				0.817				0.825				0.825
	LEVEL OF SERVICE (LOS):			B			B				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.008 | Δv/c after mitigation: 0.008

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	162	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	98	1	98	0	98	98	0	99	1	99	0	99	1	99	0	99	1	99
	Left-Through		0							0				0				0	
	Through	980	2	490	-1	979	490	277	1269	2	635	-1	1268	2	634	0	1268	2	634
	Through-Right		0							0				0				0	
	Right	14	1	0	0	14	0	0	14	1	0	0	14	1	0	0	14	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	123	1	123	0	123	123	14	138	1	138	0	138	1	138	0	138	1	138
	Left-Through		0							0				0				0	
	Through	979	2	490	340	1319	660	211	1202	2	601	340	1542	2	771	0	1542	2	771
	Through-Right		0							0				0				0	
	Right	133	1	40	51	184	91	0	135	1	41	51	186	1	92	0	186	1	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	186	1	186	0	186	186	0	188	1	188	0	188	1	188	0	188	1	188
	Left-Through		0							0				0				0	
	Through	546	2	201	9	555	204	111	664	2	241	9	673	2	244	0	673	2	244
	Through-Right		1							1				1				1	
	Right	58	0	58	0	58	58	0	59	0	59	0	59	0	59	0	59	0	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	79	1	79	15	94	94	0	80	1	80	15	95	1	95	0	95	1	95
	Left-Through		0							0				0				0	
	Through	471	2	205	172	643	264	96	573	2	246	172	745	2	304	53	798	2	322
	Through-Right		1							1				1				1	
	Right	145	0	145	3	148	148	17	164	0	164	3	167	0	167	0	167	0	167
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		613	North-South:		758	North-South:			773	North-South:			870	North-South:			870
		East-West:		391	East-West:		450	East-West:			434	East-West:			492	East-West:			510
		SUM:		1004	SUM:		1208	SUM:			1207	SUM:			1362	SUM:			1380
	VOLUME/CAPACITY (V/C) RATIO:			0.705			0.848				0.847				0.956				0.968
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.605			0.748				0.747				0.856				0.868
	LEVEL OF SERVICE (LOS):			B			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.109 | Δv/c after mitigation: 0.121

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	163	North-South Street:	I-10 WB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	20th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	46	1	46	0	46	46	0	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	294	1	294	-1	293	293	78	376	1	376	-1	375	1	375	0	375	1	375
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	56	0	81	0	56	81	0	57	0	82	0	57	0	82	0	57	0	82
	Through-Right		1							1				1				1	
	Right	25	0	0	0	25	0	0	25	0	0	0	25	0	0	0	25	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	572	1	572	328	900	900	112	691	1	691	328	1019	1	1019	0	1019	1	1019
	Left-Through		0							0				0				0	
	Through	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		294	North-South:		293	North-South:			376	North-South:			375	North-South:			375
		East-West:		653	East-West:		981	East-West:			773	East-West:			1101	East-West:			1101
		SUM:		947	SUM:		1274	SUM:			1149	SUM:			1476	SUM:			1476
	VOLUME/CAPACITY (V/C) RATIO:			0.631			0.849				0.766				0.984				0.984
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.531			0.749				0.666				0.884				0.884
	LEVEL OF SERVICE (LOS):			A			C				B				D				D

PROJECT IMPACT

Change in v/c due to project: 0.218 | Δv/c after mitigation: 0.218

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	164	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	I-10 EB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1119	2	560	0	1119	560	167	1299	2	650	0	1299	2	650	0	1299	2	650
	Through-Right		0							0				0				0	
	Right	205	1	205	0	205	205	0	207	1	207	0	207	1	207	0	207	1	207
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	457	2	251	0	457	251	59	522	2	287	0	522	2	287	0	522	2	287
	Left-Through		0							0				0				0	
	Through	842	2	421	33	875	438	95	947	2	474	33	980	2	490	0	980	2	490
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	312	1	312	0	312	312	92	408	1	408	0	408	1	408	0	408	1	408
	Left-Through		0							0				0				0	
	Through	16	0	278	0	16	278	0	16	0	338	0	16	0	338	0	16	0	338
	Through-Right		1							1				1				1	
	Right	262	0	0	0	262	0	57	322	0	0	0	322	0	0	0	322	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		811	North-South:		811	North-South:			937	North-South:			937	North-South:			937
		East-West:		312	East-West:		312	East-West:			408	East-West:			408	East-West:			408
		SUM:		1123	SUM:		1123	SUM:			1345	SUM:			1345	SUM:			1345
	VOLUME/CAPACITY (V/C) RATIO:			0.788			0.788				0.944				0.944				0.944
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.688			0.688				0.844				0.844				0.844
	LEVEL OF SERVICE (LOS):			B			B				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	165	North-South Street:	I-10 EB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Hoover	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	996	2	404	0	996	404	143	1151	2	457	0	1151	2	457	0	1151	2	457
	Through-Right		1							1				1				1	
	Right	216	0	216	0	216	216	0	219	0	219	0	219	0	219	0	219	0	219
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	229	1	229	0	229	229	9	241	1	241	0	241	1	241	0	241	1	241
	Left-Through		0							0				0				0	
	Through	759	3	253	27	786	262	120	888	3	296	27	915	3	305	0	915	3	305
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	427	1	322	0	427	322	86	518	1	377	0	518	1	377	0	518	1	377
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	216	0	322	0	216	322	17	236	0	377	0	236	0	377	0	236	0	377
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		633	North-South:		633	North-South:		698		North-South:		698		North-South:		698	
		East-West:		322	East-West:		322	East-West:		377		East-West:		377		East-West:		377	
		SUM:		955	SUM:		955	SUM:		1075		SUM:		1075		SUM:		1075	
VOLUME/CAPACITY (V/C) RATIO:				0.670			0.670			0.754				0.754				0.754	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.570			0.570			0.654				0.654				0.654	
LEVEL OF SERVICE (LOS):				A			A			B				B				B	

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	166	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	25	0	25	0	25	25	0	25	0	25	0	25	0	25	0	25	0	25
	Left-Through		1							1				1				1	
	Through	185	0	133	0	185	183	151	338	0	209	0	338	0	259	0	338	0	259
	Through-Right		1							1				1				1	
	Right	30	0	133	0	30	183	0	30	0	209	0	30	0	259	0	30	0	259
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	25	0	25	194	219	219	5	30	0	30	194	224	0	224	273	497	0	497
	Left-Through		1							1				1				1	
	Through	317	0	180	1377	1694	1004	175	496	0	292	1377	1873	0	1213	-273	1600	0	1350
	Through-Right		1							1				1				1	
	Right	17	0	180	78	95	1004	10	27	0	292	78	105	0	1213	0	105	0	1350
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
	Left-Through		1							1				1				1	
	Through	271	0	153	364	635	616	4	278	0	156	364	642	0	620	107	749	0	673
	Through-Right		1							1				1				1	
	Right	25	0	153	563	588	616	0	25	0	156	563	588	0	620	0	588	0	673
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	20	0	20	0	20	20	0	20	0	20	0	20	0	20	0	20	0	20
	Left-Through		1							1				1				1	
	Through	183	0	103	13	196	160	21	206	0	128	13	219	0	175	0	219	0	175
	Through-Right		1							1				1				1	
	Right	3	0	103	0	3	160	7	10	0	128	0	10	0	175	0	10	0	175
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		205	North-South:		1029	North-South:		317		North-South:		1238		North-South:		1375	
		East-West:		173	East-West:		636	East-West:		176		East-West:		640		East-West:		693	
		SUM:		378	SUM:		1665	SUM:		493		SUM:		1878		SUM:		2068	
VOLUME/CAPACITY (V/C) RATIO:				0.252			1.110			0.329				1.252				1.379	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.152			1.010			0.229				1.152				1.279	
LEVEL OF SERVICE (LOS):				A			F			A				F				F	

PROJECT IMPACT

Change in v/c due to project: 0.923 Δv/c after mitigation: 1.050

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	167	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	34	1	34	6	40	40	12	46	1	46	6	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	269	1	147	-1	268	146	114	386	1	205	-1	385	1	205	0	385	1	205
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	294	1	155	101	395	205	111	409	1	214	101	510	1	265	0	510	1	265
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	4	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through		1							1				1				1	
	Through	244	0	169	477	721	448	6	253	1	176	477	730	0	454	380	1110	1	644
	Through-Right		1							1				1				1	
	Right	76	0	169	80	156	448	3	80	0	176	80	160	0	454	0	160	0	644
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through		1							1				1				1	
	Through	163	0	106	8	171	129	13	178	0	113	8	186	0	136	0	186	0	155
	Through-Right		1							1				1				1	
	Right	10	0	106	0	10	129	0	10	0	113	0	10	0	136	0	10	0	155
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		189	North-South:		245	North-South:		260		North-South:		317		North-South:		317	
		East-West:		188	East-West:		467	East-West:		195		East-West:		473		East-West:		663	
		SUM:		377	SUM:		712	SUM:		455		SUM:		790		SUM:		980	
VOLUME/CAPACITY (V/C) RATIO:				0.251			0.475			0.303				0.527				0.653	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.151			0.375			0.203				0.427				0.553	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.224 Δv/c after mitigation: 0.350

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	168	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	23	1	23	0	23	23	0	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	281	1	148	0	281	148	135	419	1	217	0	419	1	217	0	419	1	217
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	335	1	178	1	336	180	132	471	0	495	1	472	0	500	0	472	0	500
	Through-Right		1							1				1				1	
	Right	20	0	20	4	24	24	4	24	0	0	4	28	0	0	0	28	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	59	0	59	3	62	62	0	60	0	60	3	63	0	63	0	63	0	63
	Left-Through		1							1				1				1	
	Through	157	1	128	474	631	367	6	165	0	133	474	639	0	371	380	1019	0	561
	Through-Right		1							1				1				1	
	Right	40	0	128	0	40	367	0	40	0	133	0	40	0	371	0	40	0	561
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through		1							1				1				1	
	Through	152	0	95	3	155	133	8	162	0	100	3	165	0	138	0	165	0	162
	Through-Right		1							1				1				1	
	Right	14	0	95	0	14	133	0	14	0	100	0	14	0	138	0	14	0	162
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		201	North-South:		203	North-South:		518		North-South:		523		North-South:		523	
		East-West:		154	East-West:		391	East-West:		160		East-West:		395		East-West:		585	
		SUM:		355	SUM:		594	SUM:		678		SUM:		918		SUM:		1108	
VOLUME/CAPACITY (V/C) RATIO:				0.237			0.396			0.452				0.612				0.739	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.137			0.296			0.352				0.512				0.639	
LEVEL OF SERVICE (LOS):				A			A			A				A				B	

PROJECT IMPACT

Change in v/c due to project: 0.160 Δv/c after mitigation: 0.287

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
169	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	12	0	**12**	0	12	**12**	0	12	0	**12**	0	12	0	**12**	0	12	0	**12**
	Left-Through		1							1				1				1	
	Through	137	0	85	0	137	85	32	171	0	102	0	171	0	102	0	171	0	102
	Through-Right		1							1				1				1	
	Right	9	0	85	0	9	85	0	9	0	102	0	9	0	102	0	9	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
	Left-Through		1							1				1				1	
	Through	376	0	**208**	1	377	**209**	24	405	0	**223**	1	406	0	**223**	0	406	0	**223**
	Through-Right		1							1				1				1	
	Right	23	0	208	0	23	209	0	23	0	223	0	23	0	223	0	23	0	223
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	38	0	**38**	0	38	38	0	38	0	**38**	0	38	0	38	0	38	0	38
	Left-Through		1							1				1				1	
	Through	125	0	106	446	571	**329**	0	127	0	107	446	573	0	**330**	380	953	0	**520**
	Through-Right		1							1				1				1	
	Right	48	0	106	0	48	329	0	49	0	107	0	49	0	330	0	49	0	520
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Left-Through		1							1				1				1	
	Through	167	0	**98**	3	170	100	8	177	0	**103**	3	180	0	105	0	180	0	105
	Through-Right		1							1				1				1	
	Right	29	0	98	0	29	100	0	29	0	103	0	29	0	105	0	29	0	105
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		220	North-South:		221	North-South:			235	North-South:			235	North-South:			235
		East-West:		136	East-West:		329	East-West:			141	East-West:			330	East-West:			520
		SUM:		356	SUM:		550	SUM:			376	SUM:			565	SUM:			755
VOLUME/CAPACITY (V/C) RATIO:				0.237			0.367				0.251				0.377				0.503
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.137			0.267				0.151				0.277				0.403
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.126 Δv/c after mitigation: 0.252

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
170	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	79	1	**79**	0	79	**79**	0	80	1	**80**	0	80	1	**80**	0	80	1	**80**
	Left-Through		0							0				0				0	
	Through	195	2	98	0	195	98	0	197	2	99	0	197	2	99	0	197	2	99
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	521	1	**330**	0	521	**332**	0	527	1	**334**	0	527	1	**336**	0	527	1	**336**
	Through-Right		1							1				1				1	
	Right	138	0	138	5	143	143	0	140	0	140	5	145	0	145	0	145	0	145
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	116	1	**77**	446	562	**523**	0	117	1	**77**	446	563	1	**523**	380	943	1	**903**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	290	1	**290**	0	290	**290**	0	293	1	**293**	0	293	1	**293**	0	293	1	**293**
	Left-Through		0							0				0				0	
	Through	163	1	159	3	166	161	8	173	1	165	3	176	1	167	0	176	1	167
	Through-Right		1							1				1				1	
	Right	155	0	155	0	155	155	0	157	0	157	0	157	0	157	0	157	0	157
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		409	North-South:		411	North-South:			414	North-South:			416	North-South:			416
		East-West:		367	East-West:		813	East-West:			370	East-West:			816	East-West:			1196
		SUM:		776	SUM:		1224	SUM:			784	SUM:			1232	SUM:			1612
VOLUME/CAPACITY (V/C) RATIO:				0.517			0.816				0.523				0.821				1.075
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.417			0.716				0.423				0.721				0.975
LEVEL OF SERVICE (LOS):				A			C				A				C				E

PROJECT IMPACT

Change in v/c due to project: 0.298 Δv/c after mitigation: 0.552

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
171	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	154	1	**154**	3	157	**157**	0	156	1	**156**	3	159	1	**159**	0	159	1	**159**
	Left-Through		0							0				0				0	
	Through	233	2	117	11	244	122	58	294	2	147	11	305	2	153	0	305	2	153
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	401	1	**281**	103	504	**333**	55	461	1	**312**	103	564	1	**364**	0	564	1	**364**
	Through-Right		1							1				1				1	
	Right	161	0	161	0	161	161	0	163	0	163	0	163	0	163	0	163	0	163
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	257	0	**257**	0	257	**257**	0	260	0	**260**	0	260	0	**260**	0	260	0	**260**
	Left-Through		1							1				1				1	
	Through	160	2	80	0	160	80	8	170	2	85	0	170	2	85	0	170	2	85
	Through-Right		0							0				0				0	
	Right	98	1	98	0	98	98	0	99	1	99	0	99	1	99	0	99	1	99
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		435	North-South:		490	North-South:			468	North-South:			523	North-South:			523
		East-West:		257	East-West:		257	East-West:			260	East-West:			260	East-West:			260
		SUM:		692	SUM:		747	SUM:			728	SUM:			783	SUM:			783
VOLUME/CAPACITY (V/C) RATIO:				0.486			0.524				0.511				0.549				0.549
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.386			0.424				0.411				0.449				0.449
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.038 Δv/c after mitigation: 0.038

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
172	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	60	1	**60**	3	63	**63**	0	61	1	**61**	3	64	1	**64**	0	64	1	**64**
	Left-Through		0							0				0				0	
	Through	300	1	169	1	301	169	118	422	1	230	1	423	1	230	0	423	1	230
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	101	1	101	18	119	119	16	118	1	118	18	136	1	136	0	136	1	136
	Left-Through		0							0				0				0	
	Through	363	1	**224**	86	449	**267**	161	528	1	**309**	86	614	1	**352**	0	614	1	**352**
	Through-Right		1							1				1				1	
	Right	84	0	84	0	84	84	4	89	0	89	0	89	0	89	0	89	0	89
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	43	1	43	13	56	56	7	51	1	**51**	13	64	1	64	0	64	1	64
	Left-Through		0							0				0				0	
	Through	553	1	**302**	340	893	**482**	73	633	1	342	340	973	1	**523**	345	1318	1	**695**
	Through-Right		1							1				1				1	
	Right	50	0	50	21	71	71	0	51	0	51	21	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	21	1	**21**	0	21	**21**	0	21	1	21	0	21	1	**21**	0	21	1	**21**
	Left-Through		0							0				0				0	
	Through	493	1	267	0	493	267	85	584	1	**325**	0	584	1	325	0	584	1	325
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	25	65	0	65	0	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		284	North-South:		330	North-South:			370	North-South:			416	North-South:			416
		East-West:		323	East-West:		503	East-West:			376	East-West:			544	East-West:			716
		SUM:		607	SUM:		833	SUM:			746	SUM:			960	SUM:			1132
VOLUME/CAPACITY (V/C) RATIO:				0.441			0.606				0.543				0.698				0.823
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.341			0.506				0.443				0.598				0.723
LEVEL OF SERVICE (LOS):				A			A				A				A				C

PROJECT IMPACT

Change in v/c due to project: 0.155 Δv/c after mitigation: 0.280

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	173	North-South Street:	Wilton Place (ext. of Arlington)	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB	WB	NB	SB
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1	1	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	60	1	**60**	0	60	**60**	0	61	1	**61**	0	61	1	**61**	0	61	1	**61**
	Left-Through		0							0				0				0	
	Through	773	1	420	0	773	420	0	782	1	425	0	782	1	425	0	782	1	425
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	45	1	45	0	45	45	0	46	1	46	0	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	884	1	**498**	0	884	**498**	0	895	1	**504**	0	895	1	**504**	0	895	1	**504**
	Through-Right		1							1				1				1	
	Right	112	0	112	0	112	112	0	113	0	113	0	113	0	113	0	113	0	113
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	168	1	**168**	0	168	**168**	0	170	1	**170**	0	170	1	**170**	0	170	1	**170**
	Left-Through		0							0				0				0	
	Through	932	2	330	0	932	330	89	1032	2	364	0	1032	2	364	0	1032	2	364
	Through-Right		1							1				1				1	
	Right	58	0	58	0	58	58	0	59	0	59	0	59	0	59	0	59	0	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	110	1	110	0	110	110	0	111	1	111	0	111	1	111	0	111	1	111
	Left-Through		0							0				0				0	
	Through	791	2	**279**	49	840	**295**	96	897	2	**315**	49	946	2	**331**	0	946	2	**331**
	Through-Right		1							1				1				1	
	Right	46	0	46	0	46	46	0	47	0	47	0	47	0	47	0	47	0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		558	*North-South:*		558	*North-South:*			565	*North-South:*			565	*North-South:*			565
		East-West:		447	*East-West:*		463	*East-West:*			485	*East-West:*			501	*East-West:*			501
		SUM:		1005	*SUM:*		1021	*SUM:*			1050	*SUM:*			1066	*SUM:*			1066
VOLUME/CAPACITY (*V/C*) RATIO:				0.670			0.681				0.700				0.711				0.711
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.600**			**0.611**				**0.600**				**0.611**				**0.611**
LEVEL OF SERVICE (LOS):				**B**			**B**				**A**				**B**				**B**

PROJECT IMPACT

Change in *v/c* due to project: **0.011** | Δ*v/c* after mitigation: **0.011**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	174	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB	WB	NB	SB
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	68	1	68	0	68	68	0	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	702	2	**351**	0	702	**351**	0	710	2	**355**	0	710	2	**355**	0	710	2	**355**
	Through-Right		1							1				1				1	
	Right	68	1	35	0	68	35	0	69	1	36	0	69	1	36	0	69	1	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	105	1	**105**	0	105	**105**	0	106	1	**106**	0	106	1	**106**	0	106	1	**106**
	Left-Through		0							0				0				0	
	Through	714	2	357	0	714	357	0	723	2	362	0	723	2	362	0	723	2	362
	Through-Right		0							1				0				1	
	Right	129	1	77	0	129	77	0	131	1	78	0	131	1	78	0	131	1	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	105	1	105	0	105	**105**	0	106	1	106	0	106	1	**106**	0	106	1	**106**
	Left-Through		0							0				0				0	
	Through	1001	3	**334**	0	1001	334	187	1200	3	**400**	0	1200	3	400	0	1200	3	400
	Through-Right		0							0				0				0	
	Right	69	1	35	0	69	35	0	70	1	36	0	70	1	36	0	70	1	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	66	1	**66**	0	66	66	0	67	1	**67**	0	67	1	67	0	67	1	67
	Left-Through		0							0				0				0	
	Through	799	3	266	232	1031	**344**	186	995	3	332	232	1227	3	**409**	0	1227	3	**409**
	Through-Right		0							0				0				0	
	Right	64	1	12	0	64	12	0	65	1	12	0	65	1	12	0	65	1	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		456	*North-South:*		456	*North-South:*			461	*North-South:*			461	*North-South:*			461
		East-West:		400	*East-West:*		449	*East-West:*			467	*East-West:*			515	*East-West:*			515
		SUM:		856	*SUM:*		905	*SUM:*			928	*SUM:*			976	*SUM:*			976
VOLUME/CAPACITY (*V/C*) RATIO:				0.571			0.603				0.619				0.651				0.651
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.471**			**0.503**				**0.519**				**0.551**				**0.551**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.032** | Δ*v/c* after mitigation: **0.032**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	175	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB	WB	NB	SB
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	88	1	88	0	88	88	0	89	1	89	0	89	1	89	0	89	1	89
	Left-Through		0							0				0				0	
	Through	682	2	**341**	0	682	**341**	0	690	2	**345**	0	690	2	**345**	0	690	2	**345**
	Through-Right		0							0				0				0	
	Right	50	1	25	0	50	25	0	51	1	26	0	51	1	26	0	51	1	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	91	1	**91**	0	91	**91**	0	92	1	**92**	0	92	1	**92**	0	92	1	**92**
	Left-Through		0							0				0				0	
	Through	671	2	336	0	671	336	0	679	2	340	0	679	2	340	0	679	2	340
	Through-Right		0							0				0				0	
	Right	90	1	35	0	90	35	0	91	1	36	0	91	1	36	0	91	1	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	110	1	**110**	0	110	**110**	0	111	1	**111**	0	111	1	**111**	0	111	1	**111**
	Left-Through		0							0				0				0	
	Through	594	1	337	0	594	337	112	713	1	397	0	713	1	397	0	713	1	397
	Through-Right		1							1				1				1	
	Right	80	0	80	0	80	80	0	81	0	81	0	81	0	81	0	81	0	81
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	50	1	50	0	50	50	0	51	1	51	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	493	1	**286**	44	537	**308**	113	612	1	**346**	44	656	1	**368**	0	656	1	**368**
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	0	80	0	80	0	80	0	80	0	80	0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		432	*North-South:*		432	*North-South:*			437	*North-South:*			437	*North-South:*			437
		East-West:		396	*East-West:*		418	*East-West:*			457	*East-West:*			479	*East-West:*			479
		SUM:		828	*SUM:*		850	*SUM:*			894	*SUM:*			916	*SUM:*			916
VOLUME/CAPACITY (*V/C*) RATIO:				0.552			0.567				0.596				0.611				0.611
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.452**			**0.467**				**0.496**				**0.511**				**0.511**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.015** | Δ*v/c* after mitigation: **0.015**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	176	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB	WB	NB	SB
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	0	**55**	0	55	**55**	0	56	0	**56**	0	56	0	**56**	0	56	0	**56**
	Left-Through		1							1				1				1	
	Through	731	0	493	0	731	493	0	740	0	499	0	740	0	499	0	740	0	499
	Through-Right		1							1				1				1	
	Right	34	0	493	0	34	493	0	34	0	499	0	34	0	499	0	34	0	499
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	30	0	30	0	30	30	0	30	0	30	0	30	0	30	0	30	0	30
	Left-Through		1							1				1				1	
	Through	755	0	**473**	0	755	**473**	0	764	0	**478**	0	764	0	**478**	0	764	0	**478**
	Through-Right		1							1				1				1	
	Right	70	1	473	0	70	473	0	71	0	478	0	71	0	478	0	71	0	478
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	63	1	63	0	63	63	0	64	1	64	0	64	1	64	0	64	1	64
	Left-Through		0							0				0				0	
	Through	793	2	**397**	0	793	**397**	45	848	2	**424**	0	848	2	**424**	0	848	2	**424**
	Through-Right		0							0				0				0	
	Right	123	1	123	0	123	123	0	124	1	124	0	124	1	124	0	124	1	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	60	1	60	0	60	60	0	61	1	61	0	61	1	61	0	61	1	61
	Left-Through		0							0				0				0	
	Through	504	1	**275**	163	667	**356**	34	544	1	**295**	163	707	1	**377**	0	707	1	**377**
	Through-Right		1							1				1				1	
	Right	45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		528	*North-South:*		528	*North-South:*			534	*North-South:*			534	*North-South:*			534
		East-West:		672	*East-West:*		753	*East-West:*			719	*East-West:*			801	*East-West:*			801
		SUM:		1200	*SUM:*		1281	*SUM:*			1253	*SUM:*			1335	*SUM:*			1335
VOLUME/CAPACITY (*V/C*) RATIO:				0.800			0.854				0.835				0.890				0.890
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.700**			**0.754**				**0.735**				**0.790**				**0.790**
LEVEL OF SERVICE (LOS):				**C**			**C**				**C**				**C**				**C**

PROJECT IMPACT

Change in *v/c* due to project: **0.055** | Δ*v/c* after mitigation: **0.055**

Significant impacted? **YES** | Fully mitigated? **NO**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
177	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
	No. of Phases		2	2			2			2	2			2	2			2	2
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0			0			0	0			0	0			0	0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB-- EB-- 0 WB--	0	0	NB-- 0 SB-- EB-- 0 WB--		0	NB-- 0 SB-- EB-- 0 WB--		0	0	NB-- 0 SB-- EB-- 0 WB--		0	0	NB-- 0 SB-- EB-- 0 WB--		0	0
	ATSAC-1 or ATSAC+ATCS-2?		2	2			2			2	2			2	2			2	2
	Override Capacity		0	0			0			0	0			0	0			0	0
NORTHBOUND	Left	66	0	**66**	0	66	**66**	0	67	0	**67**	0	67	0	**67**	0	67	0	**67**
	Left-Through		1							1				1				1	
	Through	672	0	518	0	672	518	0	680	0	524	0	680	0	524	0	680	0	524
	Through-Right		1							1				1				1	
	Right	99	0	518	0	99	518	0	100	0	524	0	100	0	524	0	100	0	524
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through		1							1				1				1	
	Through	911	0	**521**	0	911	**521**	0	922	0	**527**	0	922	0	**527**	0	922	0	**527**
	Through-Right		1							1				1				1	
	Right	35	0	521	0	35	521	0	35	0	527	0	35	0	527	0	35	0	527
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	98	1	98	0	98	98	0	99	1	99	0	99	1	99	0	99	1	99
	Left-Through		0							0				0				0	
	Through	523	1	**315**	9	532	**320**	111	640	1	**374**	9	649	1	**379**	0	649	1	**379**
	Through-Right		1							1				1				1	
	Right	107	0	107	0	107	107	0	108	0	108	0	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	89	1	**89**	0	89	**89**	0	90	1	**90**	0	90	1	**90**	0	90	1	**90**
	Left-Through		0							0				0				0	
	Through	392	2	148	174	566	206	96	493	2	182	174	667	2	240	0	667	2	240
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		587	*North-South:*		587	*North-South:*			594	*North-South:*			594	*North-South:*			594
		East-West:		404	*East-West:*		409	*East-West:*			464	*East-West:*			469	*East-West:*			469
		SUM:		991	*SUM:*		996	*SUM:*			1058	*SUM:*			1063	*SUM:*			1063
	VOLUME/CAPACITY *(V/C)* RATIO:			0.661			0.664				0.705				0.709				0.709
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.561			0.564				0.605				0.609				0.609
	LEVEL OF SERVICE (LOS):			A			A				B				B				B

PROJECT IMPACT

Change in *v/c* due to project:	0.004	Δ*v/c* after mitigation:	0.004
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
1	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	0	**17**	0	17	**17**	92	109	0	**109**	0	109	0	**109**	0	109	0	**109**
	Left-Through		1							1				1				1	
	Through	58	1	38	-39	19	18	40	99	1	99	-39	60	1	60	0	60	1	60
	Through-Right		0							0				0				0	
	Right	41	1	0	71	112	36	24	65	1	1	101	166	1	77	0	166	1	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	Left-Through		0							0				0				0	
	Through	4	0	**53**	0	4	**53**	0	4	0	**210**	0	4	0	**210**	0	4	0	**210**
	Through-Right		0							0				0				0	
	Right	21	0	0	0	21	0	157	178	0	0	0	178	0	0	0	178	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	153	1	**153**	109	262	**262**	109	264	1	**264**	110	374	1	**374**	0	374	1	**374**
	Left-Through		0							0				0				0	
	Through	779	3	260	224	1003	334	264	1052	3	351	224	1276	3	425	0	1276	3	425
	Through-Right		0							0				0				0	
	Right	19	1	19	83	102	102	10	29	1	0	83	112	1	58	0	112	1	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	51	1	51	25	76	76	12	64	1	64	25	89	1	89	0	89	1	89
	Left-Through		0							0				0				0	
	Through	1144	2	**417**	39	1183	**443**	180	1338	2	**503**	37	1375	2	**528**	0	1375	2	**528**
	Through-Right		1							1				1				1	
	Right	107	0	107	39	146	146	63	171	0	171	39	210	0	210	0	210	0	210
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		70	North-South:		70	North-South:			319	North-South:			319	North-South:			319
		East-West:		570	East-West:		705	East-West:			767	East-West:			902	East-West:			902
		SUM:		640	SUM:		775	SUM:			1086	SUM:			1221	SUM:			1221
VOLUME/CAPACITY (V/C) RATIO:				0.449			0.544				0.762				0.857				0.857
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.349			0.444				0.662				0.757				0.757
LEVEL OF SERVICE (LOS):				A			A				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.095 Δv/c after mitigation: 0.095

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
2	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			1			1			1			1			1			1	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	Left-Through		1							1				1				1	
	Through	2	0	**28**	0	2	**28**	0	2	0	**28**	0	2	0	**28**	0	2	0	**28**
	Through-Right		0							0				0				0	
	Right	15	1	0	0	15	0	0	15	1	0	0	15	1	0	0	15	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	1	11	0	11	11	211	222	1	**222**	0	222	1	**222**	0	222	1	**222**
	Left-Through		0							0				0				0	
	Through	6	0	**41**	0	6	**41**	0	6	0	41	0	6	0	41	0	6	0	41
	Through-Right		1							1				1				1	
	Right	35	0	0	0	35	0	0	35	0	0	0	35	0	0	0	35	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	19	1	**19**	40	59	**59**	0	19	1	**19**	40	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	841	2	287	255	1096	**372**	288	1139	2	386	285	1424	2	**481**	0	1424	2	**481**
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	0	20	0	20	0	20	0	20	0	20	0	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	21	1	21	216	237	**237**	0	21	1	21	249	270	1	**270**	0	270	1	**270**
	Left-Through		0							0				0				0	
	Through	1285	2	**436**	103	1388	520	255	1555	2	**554**	101	1656	2	637	0	1656	2	637
	Through-Right		1							1				1				1	
	Right	23	0	23	149	172	172	83	106	0	106	149	255	0	255	0	255	0	255
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		69	North-South:		69	North-South:			250	North-South:			250	North-South:			250
		East-West:		455	East-West:		609	East-West:			573	East-West:			751	East-West:			751
		SUM:		524	SUM:		678	SUM:			823	SUM:			1001	SUM:			1001
VOLUME/CAPACITY (V/C) RATIO:				0.381			0.493				0.599				0.728				0.728
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.281			0.393				0.499				0.628				0.628
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.129 Δv/c after mitigation: 0.129

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
3	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	
	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	234	1	234	33	267	267	107	344	1	344	40	384	1	384	0	384	1	384
	Left-Through		0							0				0				0	
	Through	1439	4	**360**	14	1453	**363**	515	1971	4	**493**	61	2032	4	**508**	0	2032	4	**508**
	Through-Right		0							0				0				0	
	Right	113	1	90	0	113	70	49	163	1	121	0	163	1	101	0	163	1	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	113	1	**113**	125	238	**238**	28	142	1	**142**	125	267	1	**267**	0	267	1	**267**
	Left-Through		0							0				0				0	
	Through	713	3	238	75	788	263	408	1130	3	377	59	1189	3	396	0	1189	3	396
	Through-Right		0							0				0				0	
	Right	130	1	0	55	185	0	62	194	1	0	101	295	1	0	0	295	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	46	1	46	40	86	86	38	85	1	85	40	125	1	125	0	125	1	125
	Left-Through		0							0				0				0	
	Through	1062	3	**354**	429	1491	**497**	230	1305	3	**435**	459	1764	3	**588**	0	1764	3	**588**
	Through-Right		0							0				0				0	
	Right	154	1	154	150	304	304	82	238	1	238	150	388	1	388	0	388	1	388
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		360	North-South:		363	North-South:			493	North-South:			508	North-South:			508
		East-West:		467	East-West:		735	East-West:			577	East-West:			855	East-West:			855
		SUM:		827	SUM:		1098	SUM:			1070	SUM:			1363	SUM:			1363
VOLUME/CAPACITY (V/C) RATIO:				0.580			0.771				0.751				0.956				0.956
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.480			0.671				0.651				0.856				0.856
LEVEL OF SERVICE (LOS):				A			B				B				D				D

PROJECT IMPACT

Change in v/c due to project: 0.205 Δv/c after mitigation: 0.205

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
4	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	56	0	56	0	56	56	18	75	0	75	0	75	0	75	0	75	0	75
	Left-Through		1							1				1				1	
	Through	1187	3	311	61	1248	326	676	1877	3	**488**	61	1938	3	503	0	1938	3	503
	Through-Right		0							0				0				0	
	Right	347	1	**347**	259	606	**606**	62	413	1	413	259	672	1	**672**	0	672	1	**672**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	742	2	371	34	776	388	404	1155	2	578	34	1189	2	595	0	1189	2	595
	Through-Right		0							0				0				0	
	Right	55	1	55	42	97	97	54	110	1	110	26	136	1	136	0	136	1	136
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	28	1	28	51	79	79	10	38	1	38	51	89	1	89	0	89	1	89
	Left-Through		0							0				0				0	
	Through	940	2	**470**	304	1244	**622**	288	1239	2	**620**	334	1573	2	**787**	0	1573	2	**787**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		347	North-South:		606	North-South:			488	North-South:			672	North-South:			672
		East-West:		470	East-West:		622	East-West:			620	East-West:			787	East-West:			787
		SUM:		817	SUM:		1228	SUM:			1108	SUM:			1459	SUM:			1459
VOLUME/CAPACITY (V/C) RATIO:				0.545			0.819				0.739				0.973				0.973
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.445			0.719				0.639				0.873				0.873
LEVEL OF SERVICE (LOS):				A			C				B				D				D

PROJECT IMPACT

Change in v/c due to project: 0.234 Δv/c after mitigation: 0.234

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	5	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	99	1	99	0	99	99	58	158	1	158	0	158	1	158	0	158	1	158
	Left-Through		0							0				0				0	
	Through	1234	4	**309**	44	1278	**320**	464	1713	4	**428**	44	1757	4	**439**	0	1757	4	**439**
	Through-Right		0							0				0				0	
	Right	224	1	224	52	276	276	47	274	1	274	52	326	1	326	0	326	1	326
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	748	1	**418**	-16	732	416	288	1045	1	**630**	-16	1029	1	**628**	0	1029	1	**628**
	Through-Right		1							1				1				1	
	Right	87	0	87	12	99	99	127	215	0	215	12	227	0	227	0	227	0	227
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	93	1	**93**	0	93	93	9	103	1	**103**	0	103	1	**103**	0	103	1	**103**
	Left-Through		0							0				0				0	
	Through	936	2	468	103	1039	**520**	243	1190	2	595	103	1293	2	647	0	1293	2	647
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		309	*North-South:*		320	*North-South:*			428	*North-South:*			439	*North-South:*			439
		East-West:		511	*East-West:*		520	*East-West:*			733	*East-West:*			731	*East-West:*			731
		SUM:		820	*SUM:*		840	*SUM:*			1161	*SUM:*			1170	*SUM:*			1170
VOLUME/CAPACITY (*V/C*) RATIO:				0.547			0.560				0.774				0.780				0.780
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.447			0.460				0.674				0.680				0.680
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in *v/c* due to project: 0.006 — *Δv/c* after mitigation: 0.006

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	6	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	116	0	116	79	195	195	44	161	0	161	45	206	0	206	0	206	0	206
	Left-Through		1							1				1				1	
	Through	831	2	**246**	114	945	**295**	329	1170	2	**346**	150	1320	2	**394**	0	1320	2	**394**
	Through-Right		1							1				1				1	
	Right	38	0	246	0	38	295	13	51	0	346	0	51	0	394	0	51	0	394
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	129	1	**129**	0	129	**129**	73	204	1	**204**	0	204	1	**204**	0	204	1	**204**
	Left-Through		0							0				0				0	
	Through	721	2	361	-16	705	353	273	1003	2	502	-16	987	2	494	0	987	2	494
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	890	1	**486**	59	949	**515**	208	1109	1	**623**	59	1168	1	**652**	0	1168	1	**652**
	Through-Right		1							1				1				1	
	Right	81	0	81	0	81	81	54	136	0	136	0	136	0	136	0	136	0	136
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		246	*North-South:*		295	*North-South:*			346	*North-South:*			394	*North-South:*			394
		East-West:		615	*East-West:*		644	*East-West:*			827	*East-West:*			856	*East-West:*			856
		SUM:		861	*SUM:*		939	*SUM:*			1173	*SUM:*			1250	*SUM:*			1250
VOLUME/CAPACITY (*V/C*) RATIO:				0.574			0.626				0.782				0.833				0.833
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.474			0.526				0.682				0.733				0.733
LEVEL OF SERVICE (LOS):				A			A				B				C				C

PROJECT IMPACT

Change in *v/c* due to project: 0.051 — *Δv/c* after mitigation: 0.051

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	7	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	50	1	**50**	5	55	**55**	36	87	1	**87**	5	92	1	**92**	0	92	1	**92**
	Left-Through		0							0				0				0	
	Through	445	1	250	222	667	361	124	574	1	360	222	796	1	471	0	796	1	471
	Through-Right		1							1				1				1	
	Right	54	0	54	0	54	54	90	145	0	145	0	145	0	145	0	145	0	145
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	30	1	30	0	30	30	7	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	683	2	**342**	0	683	**342**	293	984	2	**492**	0	984	2	**492**	0	984	2	**492**
	Through-Right		0							0				0				0	
	Right	172	1	146	24	196	170	37	211	1	177	24	235	1	201	0	235	1	201
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	52	1	**52**	0	52	**52**	16	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	629	1	347	-16	613	339	193	830	1	**486**	-16	814	1	**478**	0	814	1	**478**
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	77	142	0	142	0	142	0	142	0	142	0	142
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	50	1	50	10	60	60	151	202	1	**202**	10	212	1	**212**	0	212	1	**212**
	Left-Through		0							0				0				0	
	Through	756	1	**399**	29	785	**421**	189	954	1	507	29	983	1	528	0	983	1	528
	Through-Right		1							1				1				1	
	Right	42	0	42	14	56	56	16	59	0	59	14	73	0	73	0	73	0	73
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		392	*North-South:*		397	*North-South:*			579	*North-South:*			584	*North-South:*			584
		East-West:		451	*East-West:*		473	*East-West:*			688	*East-West:*			690	*East-West:*			690
		SUM:		843	*SUM:*		870	*SUM:*			1267	*SUM:*			1274	*SUM:*			1274
VOLUME/CAPACITY (*V/C*) RATIO:				0.562			0.580				0.845				0.849				0.849
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.462			0.480				0.745				0.749				0.749
LEVEL OF SERVICE (LOS):				A			A				C				C				C

PROJECT IMPACT

Change in *v/c* due to project: 0.004 — *Δv/c* after mitigation: 0.004

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	8	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	44	1	**44**	16	60	**60**	60	105	1	**105**	16	121	1	**121**	0	121	1	**121**
	Left-Through		0							0				0				0	
	Through	553	2	207	1	554	207	73	633	1	351	1	634	1	352	0	634	1	352
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	0	69	0	69	0	69	0	69	0	69	0	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	21	1	21	0	21	21	34	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	446	1	**268**	0	446	**268**	131	582	0	**715**	0	582	0	**715**	0	582	0	**715**
	Through-Right		1							1				1				1	
	Right	90	0	90	0	90	90	42	133	0	0	0	133	0	0	0	133	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	57	1	**57**	0	57	**57**	50	108	1	**108**	0	108	1	**108**	0	108	1	**108**
	Left-Through		0							0				0				0	
	Through	621	1	341	-16	605	333	207	835	1	465	-16	819	1	457	0	819	1	457
	Through-Right		1							1				1				1	
	Right	60	0	60	0	60	60	33	94	0	94	0	94	0	94	0	94	0	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	712	1	**390**	42	754	**411**	256	977	1	**526**	42	1019	1	**547**	0	1019	1	**547**
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	5	74	0	74	0	74	0	74	0	74	0	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		312	*North-South:*		328	*North-South:*			820	*North-South:*			836	*North-South:*			836
		East-West:		447	*East-West:*		468	*East-West:*			634	*East-West:*			655	*East-West:*			655
		SUM:		759	*SUM:*		796	*SUM:*			1454	*SUM:*			1491	*SUM:*			1491
VOLUME/CAPACITY (*V/C*) RATIO:				0.506			0.531				0.969				0.994				0.994
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.406			0.431				0.869				0.894				0.894
LEVEL OF SERVICE (LOS):				A			A				D				D				D

PROJECT IMPACT

Change in *v/c* due to project: 0.025 — *Δv/c* after mitigation: 0.025

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	9	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/1/2012
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	60	1	60	0	60	60	3	64	1	64	0	64	1	64	0	64	1	64
	Left-Through		0							0				0				0	
	Through	917	2	459	28	945	473	220	1148	2	574	28	1176	2	588	0	1176	2	588
	Through-Right		0							0				0				0	
	Right	80	1	44	0	80	44	9	90	1	49	0	90	1	49	0	90	1	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	1	36	0	36	36	22	58	1	58	0	58	1	58	0	58	1	58
	Left-Through		0							0				0				0	
	Through	686	2	343	29	715	358	226	920	1	920	29	949	1	949	0	949	1	949
	Through-Right		0							0				0				0	
	Right	198	1	104	17	215	129	79	279	1	163	17	296	1	188	0	296	1	188
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	188	1	188	-16	172	172	42	232	1	232	-16	216	1	216	0	216	1	216
	Left-Through		0							0				0				0	
	Through	447	1	257	0	447	257	199	651	1	360	0	651	1	360	0	651	1	360
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	72	1	72	0	72	72	9	82	1	82	0	82	1	82	0	82	1	82
	Left-Through		0							0				0				0	
	Through	581	1	357	25	606	370	178	766	1	468	25	791	1	481	0	791	1	481
	Through-Right		1							1				1				1	
	Right	133	0	133	0	133	133	35	170	0	170	0	170	0	170	0	170	0	170
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		495	North-South:		509	North-South:			984	North-South:			1013	North-South:			1013
		East-West:		545	East-West:		542	East-West:			700	East-West:			697	East-West:			697
		SUM:		1040	SUM:		1051	SUM:			1684	SUM:			1710	SUM:			1710
VOLUME/CAPACITY (V/C) RATIO:				0.730			0.738				1.182				1.200				1.200
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.630			0.638				1.082				1.100				1.100
LEVEL OF SERVICE (LOS):				B			B				F				F				F

PROJECT IMPACT

Change in v/c due to project: 0.018 | Δv/c after mitigation: 0.018
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	10	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/28/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	53	1	53	0	53	53	14	68	1	68	0	68	1	68	0	68	1	68
	Left-Through		0							0				0				0	
	Through	275	1	172	0	275	172	30	308	1	189	0	308	1	189	0	308	1	189
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	0	70	0	70	0	70	0	70	0	70	0	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	391	1	267	0	391	267	17	413	1	279	0	413	1	279	0	413	1	279
	Through-Right		1							1				1				1	
	Right	143	0	143	0	143	143	0	145	0	145	0	145	0	145	0	145	0	145
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	109	1	109	0	109	109	0	110	1	110	0	110	1	110	0	110	1	110
	Left-Through		0							0				0				0	
	Through	406	1	254	0	406	254	199	610	1	364	0	610	1	364	0	610	1	364
	Through-Right		1							1				1				1	
	Right	102	0	102	0	102	102	14	117	0	117	0	117	0	117	0	117	0	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	49	1	49	0	49	49	0	50	1	50	0	50	1	50	0	50	1	50
	Left-Through		0							0				0				0	
	Through	477	1	272	25	502	285	167	650	1	359	25	675	1	372	0	675	1	372
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		320	North-South:		320	North-South:			347	North-South:			347	North-South:			347
		East-West:		381	East-West:		394	East-West:			469	East-West:			482	East-West:			482
		SUM:		701	SUM:		714	SUM:			816	SUM:			829	SUM:			829
VOLUME/CAPACITY (V/C) RATIO:				0.467			0.476				0.544				0.553				0.553
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.367			0.376				0.444				0.453				0.453
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.009 | Δv/c after mitigation: 0.009
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	11	North-South Street:	Santee	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
	Left-Through		0							0				0				0	
	Through	54	0	169	0	54	169	0	55	0	172	0	55	0	172	0	55	0	172
	Through-Right		0							0				0				0	
	Right	70	0	0	0	70	0	0	71	0	0	0	71	0	0	0	71	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	19	0	19	0	19	19	1	20	0	20	0	20	0	20	0	20	0	20
	Left-Through		0							0				0				0	
	Through	69	0	280	0	69	280	0	70	0	284	0	70	0	284	0	70	0	284
	Through-Right		0							0				0				0	
	Right	192	0	0	0	192	0	0	194	0	0	0	194	0	0	0	194	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	72	1	72	0	72	72	0	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	381	1	218	0	381	218	199	585	1	321	0	585	1	321	0	585	1	321
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	21	1	21	0	21	21	0	21	1	21	0	21	1	21	0	21	1	21
	Left-Through		0							0				0				0	
	Through	343	1	187	25	368	200	167	514	1	274	25	539	1	286	0	539	1	286
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	2	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		325	North-South:		325	North-South:			330	North-South:			330	North-South:			330
		East-West:		259	East-West:		272	East-West:			347	East-West:			359	East-West:			359
		SUM:		584	SUM:		597	SUM:			677	SUM:			689	SUM:			689
VOLUME/CAPACITY (V/C) RATIO:				0.389			0.398				0.451				0.459				0.459
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.289			0.298				0.351				0.359				0.359
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.008 | Δv/c after mitigation: 0.008
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	12	North-South Street:	Maple	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	66	1	66	0	66	66	2	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	157	0	214	0	157	214	11	170	0	228	0	170	0	228	0	170	0	228
	Through-Right		1							1				1				1	
	Right	57	0	0	0	57	0	0	58	0	0	0	58	0	0	0	58	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	173	0	274	0	173	274	0	175	0	277	0	175	0	277	0	175	0	277
	Through-Right		1							1				1				1	
	Right	101	0	0	0	101	0	0	102	0	0	0	102	0	0	0	102	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	60	1	60	0	60	60	0	61	1	61	0	61	1	61	0	61	1	61
	Left-Through		0							0				0				0	
	Through	298	0	298	0	298	298	197	499	1	499	0	499	1	499	0	499	1	499
	Through-Right		0							0				0				0	
	Right	118	1	85	0	118	85	4	123	1	89	0	123	1	89	0	123	1	89
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	13	1	13	0	13	13	0	13	1	13	0	13	1	13	0	13	1	13
	Left-Through		0							0				0				0	
	Through	222	0	249	25	247	274	167	392	0	419	25	417	0	444	0	417	0	444
	Through-Right		1							1				1				1	
	Right	27	0	0	0	27	0	0	27	0	0	0	27	0	0	0	27	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		340	North-South:		340	North-South:			346	North-South:			346	North-South:			346
		East-West:		311	East-West:		334	East-West:			512	East-West:			512	East-West:			512
		SUM:		651	SUM:		674	SUM:			858	SUM:			858	SUM:			858
VOLUME/CAPACITY (V/C) RATIO:				0.434			0.449				0.572				0.572				0.572
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.334			0.349				0.472				0.472				0.472
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Maple	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
13	East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	25	0	25	0	25	25	0	25	0	25	0	25	0	25	0	25	0	25
	Left-Through		0							0				0				0	
	Through	154	0	266	0	154	266	11	167	0	280	0	167	0	280	0	167	0	280
	Through-Right		0							0				0				0	
	Right	87	0	0	0	87	0	0	88	0	0	0	88	0	0	0	88	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	Left-Through		0							0				0				0	
	Through	154	0	221	0	154	221	0	156	0	223	0	156	0	223	0	156	0	223
	Through-Right		0							0				0				0	
	Right	39	0	0	0	39	0	0	39	0	0	0	39	0	0	0	39	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through		1							1				1				1	
	Through	693	0	393	12	705	399	219	920	0	507	12	932	0	513	0	932	0	513
	Through-Right		1							1				1				1	
	Right	54	0	393	0	54	399	0	55	0	507	0	55	0	513	0	55	0	513
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	73	0	73	0	73	73	0	74	0	74	0	74	0	74	0	74	0	74
	Left-Through		1							1				1				1	
	Through	296	0	322	0	296	322	0	300	0	326	0	300	0	326	0	300	0	326
	Through-Right		1							1				1				1	
	Right	55	0	322	0	55	322	0	56	0	326	0	56	0	326	0	56	0	326
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		294	North-South:		294	North-South:			308	North-South:			308	North-South:			308
		East-West:		466	East-West:		472	East-West:			581	East-West:			587	East-West:			587
		SUM:		760	SUM:		766	SUM:			889	SUM:			895	SUM:			895
VOLUME/CAPACITY (V/C) RATIO:				0.507			0.511				0.593				0.597				0.597
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.407			0.411				0.493				0.497				0.497
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.004 Δv/c after mitigation: 0.004

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
14	East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	96	1	96	0	96	96	0	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	594	1	366	0	594	366	19	620	1	380	0	620	1	380	0	620	1	380
	Through-Right		1							1				1				1	
	Right	137	0	137	0	137	137	0	139	0	139	0	139	0	139	0	139	0	139
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	1	44	0	44	44	0	45	1	45	0	45	1	45	0	45	1	45
	Left-Through		0							0				0				0	
	Through	496	1	279	0	496	279	0	502	1	283	0	502	1	283	0	502	1	283
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	0	37	0	37	37	1	38	0	38	0	38	0	38	0	38	0	38
	Left-Through		1							1				1				1	
	Through	765	0	459	12	777	465	196	970	0	573	12	982	0	579	0	982	0	579
	Through-Right		1							1				1				1	
	Right	78	0	459	0	78	465	21	100	0	573	0	100	0	579	0	100	0	579
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	76	0	76	27	103	103	0	77	0	77	27	104	0	104	0	104	0	104
	Left-Through		1							1				1				1	
	Through	414	0	424	0	414	478	0	419	0	508	0	419	0	553	0	419	0	553
	Through-Right		1							1				1				1	
	Right	129	0	424	0	129	478	3	134	0	508	0	134	0	0	0	134	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		410	North-South:		410	North-South:			425	North-South:			425	North-South:			425
		East-West:		535	East-West:		568	East-West:			650	East-West:			683	East-West:			683
		SUM:		945	SUM:		978	SUM:			1075	SUM:			1108	SUM:			1108
VOLUME/CAPACITY (V/C) RATIO:				0.630			0.652				0.717				0.739				0.739
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.530			0.552				0.617				0.639				0.639
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.022 Δv/c after mitigation: 0.022

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
15	East-West Street:	Chick Hearn Ct	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	298	1	298	-298	0	0	0	302	1	302	-302	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	966	2	340	-710	256	85	12	990	2	356	-733	257	2	86	0	257	2	86
	Through-Right		1							1				1				1	
	Right	53	0	53	-53	0	0	24	78	0	78	-78	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	54	0	54	0	54	54	0	55	0	55	0	55	0	55	0	55	0	55
	Left-Through		1							1				1				1	
	Through	31	0	59	152	183	216	71	102	1	122	81	183	0	233	0	183	1	233
	Through-Right		1							1				1				1	
	Right	32	0	59	163	195	216	0	32	0	122	195	227	0	233	0	227	0	233
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	15	1	15	-15	0	0	0	15	1	15	-15	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	210	2	105	-156	54	27	81	294	2	147	-230	64	2	32	0	64	2	32
	Through-Right		0							0				0				0	
	Right	24	1	24	0	24	24	15	39	1	39	-35	4	1	4	0	4	1	4
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		340	North-South:		85	North-South:			356	North-South:			86	North-South:			86
		East-West:		159	East-West:		216	East-West:			202	East-West:			233	East-West:			233
		SUM:		499	SUM:		301	SUM:			558	SUM:			319	SUM:			319
VOLUME/CAPACITY (V/C) RATIO:				0.333			0.201				0.372				0.213				0.213
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.233			0.101				0.272				0.113				0.113
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: -0.159 Δv/c after mitigation: -0.159

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
16	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 3 WB--		3	EB-- 3 WB--		3	EB-- 3 WB--		3	EB-- 3 WB--		3	EB-- 3 WB--		3	EB-- 3 WB--		3	EB-- 3 WB--		3
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	33	1	33	-33	0	0	46	79	1	79	-79	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	1633	3	412	84	1717	433	634	2287	3	575	131	2418	3	608	0	2418	3	608
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	0	13	0	13	0	13	0	13	0	13	0	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	2	1	2	0	2	2	0	2	1	2	0	2	1	2	0	2	1	2
	Left-Through		0							0				0				0	
	Through	159	1	88	111	270	135	100	261	1	139	157	418	1	209	0	418	1	209
	Through-Right		1							1				1				1	
	Right	16	0	16	-16	0	0	0	16	0	16	-16	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	33	2	18	-33	0	0	0	33	2	18	-33	0	2	0	0	0	2	0
	Left-Through		0							0				0				0	
	Through	16	1	16	-16	0	0	0	16	1	16	-16	0	1	0	0	0	1	0
	Through-Right		0							0				0				0	
	Right	55	1	22	-55	0	0	96	152	1	73	-152	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	140	1	140	0	140	140	0	142	1	142	0	142	1	142	0	142	1	142
	Left-Through		0							0				0				0	
	Through	205	2	103	-205	0	0	60	267	2	134	-267	0	2	0	0	0	2	0
	Through-Right		0							0				0				0	
	Right	160	1	158	3	163	161	37	199	1	197	3	202	1	200	0	202	1	200
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		414	North-South:		435	North-South:			577	North-South:			610	North-South:			610
		East-West:		176	East-West:		161	East-West:			215	East-West:			200	East-West:			200
		SUM:		590	SUM:		596	SUM:			792	SUM:			810	SUM:			810
VOLUME/CAPACITY (V/C) RATIO:				0.429			0.433				0.576				0.589				0.589
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.329			0.333				0.476				0.489				0.489
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.013 Δv/c after mitigation: 0.013

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
17	Flower	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	11th	2017			LAEC

No. of Phases			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1203	3	401	68	1271	424	726	1944	3	648	52	1996	3	665	0	1996	3	665
	Through-Right		0							0				0				0	
	Right	207	1	207	3	210	210	13	222	1	222	3	225	1	225	0	225	1	225
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	24	1	24	-16	8	8	0	24	1	24	-16	8	1	8	0	8	1	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	62	1	62	0	62	62	229	292	1	292	0	292	1	292	0	292	1	292
	Left-Through		0							0				0				0	
	Through	313	2	157	-190	123	62	84	401	2	201	-267	134	2	67	0	134	2	67
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		401	North-South:		424	North-South:			648	North-South:			665	North-South:			665
		East-West:		157	East-West:		70	East-West:			316	East-West:			300	East-West:			300
		SUM:		558	SUM:		494	SUM:			964	SUM:			965	SUM:			965
VOLUME/CAPACITY (V/C) RATIO:				0.392			0.347				0.676				0.677				0.677
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.292			0.247				0.576				0.577				0.577
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 Δv/c after mitigation: 0.001

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
18	Grand	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	11th	2017			LAEC

No. of Phases			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1388	3	376	56	1444	390	570	1975	3	531	56	2031	3	545	0	2031	3	545
	Through-Right		1							1				1				1	
	Right	116	0	116	0	116	116	30	147	0	147	0	147	0	147	0	147	0	147
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	138	1	138	415	553	553	157	297	1	297	451	748	1	748	0	748	1	748
	Left-Through		0							0				0				0	
	Through	303	2	152	-120	183	92	327	634	2	317	-139	495	2	248	0	495	2	248
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		376	North-South:		390	North-South:			531	North-South:			545	North-South:			545
		East-West:		152	East-West:		553	East-West:			317	East-West:			748	East-West:			748
		SUM:		528	SUM:		943	SUM:			848	SUM:			1293	SUM:			1293
VOLUME/CAPACITY (V/C) RATIO:				0.352			0.629				0.565				0.862				0.862
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.252			0.529				0.465				0.762				0.762
LEVEL OF SERVICE (LOS):				A			A				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.297 Δv/c after mitigation: 0.297

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
19	Olive	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	11th	2017			LAEC

No. of Phases			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	105	0	105	288	393	393	321	427	0	427	288	715	0	715	0	715	0	715
	Left-Through		1							1				1				1	
	Through	829	3	234	169	998	333	386	1225	3	408	79	1304	3	435	0	1304	3	435
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	529	2	265	7	536	268	240	775	2	388	6	781	2	391	0	781	2	391
	Through-Right		0							0				0				0	
	Right	98	1	98	35	133	133	0	99	1	99	36	135	1	135	0	135	1	135
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		234	North-South:		393	North-South:			427	North-South:			715	North-South:			715
		East-West:		265	East-West:		268	East-West:			388	East-West:			391	East-West:			391
		SUM:		499	SUM:		661	SUM:			815	SUM:			1106	SUM:			1106
VOLUME/CAPACITY (V/C) RATIO:				0.333			0.441				0.543				0.737				0.737
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.233			0.341				0.443				0.637				0.637
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.194 Δv/c after mitigation: 0.194

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
20	Figueroa	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	12th	2017			LAEC

No. of Phases			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	1479	3	376	153	1632	414	521	2018	3	520	153	2171	3	558	0	2171	3	558
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	35	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	13	1	13	0	13	13	12	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	353	2	177	44	397	199	106	463	2	232	-7	456	2	228	0	456	2	228
	Through-Right		0							0				0				0	
	Right	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	102	1	102	-102	0	0	0	103	1	103	-102	1	1	1	0	1	1	1
	Left-Through		0							0				0				0	
	Through	13	1	13	-10	3	3	0	13	1	13	-10	3	1	3	0	3	1	3
	Through-Right		0							0				0				0	
	Right	18	1	18	-15	3	3	0	18	1	18	-15	3	1	3	0	3	1	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	42	1	42	0	42	42	0	43	1	43	0	43	1	43	0	43	1	43
	Left-Through		0							0				0				0	
	Through	0	0	11	0	0	11	0	0	0	11	0	0	0	11	0	0	0	11
	Through-Right		1							1				1				1	
	Right	11	0	0	0	11	0	0	11	0	0	0	11	0	0	0	11	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		389	North-South:		427	North-South:			545	North-South:			583	North-South:			583
		East-West:		113	East-West:		45	East-West:			114	East-West:			46	East-West:			46
		SUM:		502	SUM:		472	SUM:			659	SUM:			629	SUM:			629
VOLUME/CAPACITY (V/C) RATIO:				0.352			0.331				0.462				0.441				0.441
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.252			0.231				0.362				0.341				0.341
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: -0.021 Δv/c after mitigation: -0.021

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	21	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	58	1	58	0	58	58	123	182	1	182	0	182	1	182	0	182	1	182
	Left-Through		0							0				0				0	
	Through	1163	2	**404**	52	1215	**421**	649	1826	2	**625**	36	1862	2	**637**	0	1862	2	**637**
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	46	1	**26**	-10	36	**21**	47	94	1	**50**	-10	84	1	**45**	0	84	1	**45**
	Through-Right		1							1				1				1	
	Right	5	0	5	0	5	5	0	5	0	5	0	5	0	5	0	5	0	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		404	*North-South:*		421	*North-South:*			625	*North-South:*			637	*North-South:*			637
		East-West:		26	*East-West:*		21	*East-West:*			50	*East-West:*			45	*East-West:*			45
		SUM:		430	*SUM:*		442	*SUM:*			675	*SUM:*			682	*SUM:*			682
VOLUME/CAPACITY (*V/C*) RATIO:				0.287			0.295				0.450				0.455				0.455
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.187			0.195				0.350				0.355				0.355
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.005 | *Δv/c* after mitigation: 0.005

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	22	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	95	0	95	0	95	95	27	123	0	123	0	123	0	123	0	123	0	123
	Left-Through		1							1				1				1	
	Through	1431	3	**382**	165	1596	**423**	632	2080	3	**551**	201	2281	3	**601**	0	2281	3	**601**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	124	1	**101**	-10	114	**96**	164	289	1	**200**	-10	279	1	**195**	0	279	1	**195**
	Through-Right		1							1				1				1	
	Right	77	0	77	0	77	77	33	111	0	111	0	111	0	111	0	111	0	111
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		382	*North-South:*		423	*North-South:*			551	*North-South:*			601	*North-South:*			601
		East-West:		101	*East-West:*		96	*East-West:*			200	*East-West:*			195	*East-West:*			195
		SUM:		483	*SUM:*		519	*SUM:*			751	*SUM:*			796	*SUM:*			796
VOLUME/CAPACITY (*V/C*) RATIO:				0.322			0.346				0.501				0.531				0.531
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.222			0.246				0.401				0.431				0.431
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.030 | *Δv/c* after mitigation: 0.030

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	23	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	843	3	**281**	538	1381	**460**	631	1484	3	**495**	539	2023	3	**674**	0	2023	3	**674**
	Through-Right		0							0				0				0	
	Right	59	1	59	1	60	60	0	60	1	60	1	61	1	61	0	61	1	61
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	83	0	83	0	83	83	102	186	0	186	0	186	0	186	0	186	0	186
	Left-Through		1							1				1				1	
	Through	178	1	**131**	-10	168	**126**	89	269	1	**228**	-10	259	1	**223**	0	259	1	**223**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		281	*North-South:*		460	*North-South:*			495	*North-South:*			674	*North-South:*			674
		East-West:		131	*East-West:*		126	*East-West:*			228	*East-West:*			223	*East-West:*			223
		SUM:		412	*SUM:*		586	*SUM:*			723	*SUM:*			897	*SUM:*			897
VOLUME/CAPACITY (*V/C*) RATIO:				0.275			0.391				0.482				0.598				0.598
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.175			0.291				0.382				0.498				0.498
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.116 | *Δv/c* after mitigation: 0.116

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	24	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				1			1			1			1			1			1			1	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	687	2	378	322	1009	**555**	1	696	2	383	322	1018	2	**560**	0	1018	2	**560**
	Left-Through		0							0				0				0	
	Through	815	2	**408**	14	829	415	36	861	2	**431**	-32	829	2	415	0	829	2	415
	Through-Right		0							0				0				0	
	Right	125	1	125	127	252	252	56	183	1	183	166	349	1	349	0	349	1	349
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	136	2	**75**	-136	0	0	0	138	2	**76**	-138	0	2	0	0	0	2	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	27	2	0	123	150	**83**	0	27	2	0	135	162	2	**89**	0	162	2	**89**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	108	1	**108**	-108	0	**0**	0	109	1	**109**	-109	0	1	**0**	0	0	1	**0**
	Left-Through		0							0				0				0	
	Through	534	3	178	109	643	214	135	675	3	225	213	888	3	296	0	888	3	296
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	489	2	**245**	50	539	**270**	94	589	2	**295**	65	654	2	**327**	0	654	2	**327**
	Through-Right		0							0				0				0	
	Right	90	1	53	-4	86	86	0	91	1	53	-5	86	1	86	0	86	1	86
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		483	*North-South:*		638	*North-South:*			507	*North-South:*			649	*North-South:*			649
		East-West:		353	*East-West:*		270	*East-West:*			404	*East-West:*			327	*East-West:*			327
		SUM:		836	*SUM:*		908	*SUM:*			911	*SUM:*			976	*SUM:*			976
VOLUME/CAPACITY (*V/C*) RATIO:				0.587			0.637				0.639				0.685				0.685
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.487			0.537				0.539				0.585				0.585
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.046 | *Δv/c* after mitigation: 0.046

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/1/2012
25	East-West Street:	Bond	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3				3				3				3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			2			2			2				2				2				2		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	74	74	0	0	0	0	0	74	74	0	0	0	74	0	0
	Left-Through		0							0				0				0	
	Through	1563	3	**521**	282	1845	**615**	93	1675	3	**558**	236	1911	3	**637**	0	1911	3	**637**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		1							1				1				1	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**81**	0	0	**23**	0	0	0	**82**	0	0	0	**24**	0	0	0	**24**
	Through-Right		1							1				1				1	
	Right	161	1	0	-116	45	0	0	163	1	0	-116	47	1	0	0	47	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		521	North-South:		615	North-South:			558	North-South:			637	North-South:			637
		East-West:		81	East-West:		23	East-West:			82	East-West:			24	East-West:			24
		SUM:		602	SUM:		638	SUM:			640	SUM:			661	SUM:			661
VOLUME/CAPACITY (V/C) RATIO:				0.422			0.448				0.449				0.464				0.464
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.322			0.348				0.349				0.364				0.364
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.015 Δv/c after mitigation: 0.015

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
26	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4				4				4				4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3
	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	98	1	98	29	127	127	3	102	1	102	29	131	1	131	0	131	1	131
	Left-Through		0							0				0				0	
	Through	1268	3	**333**	93	1361	**381**	490	1773	3	**462**	93	1866	3	**510**	0	1866	3	**510**
	Through-Right		1							1				1				1	
	Right	65	0	65	98	163	163	9	75	0	75	98	173	0	173	0	173	0	173
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	15	1	**15**	0	15	**15**	4	19	1	**19**	0	19	1	**19**	0	19	1	**19**
	Left-Through		0							0				0				0	
	Through	358	2	179	-15	343	172	40	402	2	201	-66	336	2	168	0	336	2	168
	Through-Right		0							0				0				0	
	Right	20	1	0	0	20	0	20	40	1	0	0	40	1	0	0	40	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	211	1	211	60	271	271	80	294	1	294	60	354	1	354	0	354	1	354
	Left-Through		0							0				0				0	
	Through	837	2	**419**	149	986	**493**	98	945	2	**473**	188	1133	2	**567**	0	1133	2	**567**
	Through-Right		0							0				0				0	
	Right	262	1	164	-21	241	114	13	278	1	176	-21	257	1	126	0	257	1	126
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	205	1	**205**	57	262	**262**	28	235	1	**235**	57	292	1	**292**	0	292	1	**292**
	Left-Through		0							0				0				0	
	Through	550	2	275	-66	484	242	70	627	2	314	-52	575	2	288	0	575	2	288
	Through-Right		0							0				0				0	
	Right	70	1	63	0	70	63	6	77	1	68	0	77	1	68	0	77	1	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		348	North-South:		396	North-South:			481	North-South:			529	North-South:			529
		East-West:		624	East-West:		755	East-West:			708	East-West:			859	East-West:			859
		SUM:		972	SUM:		1151	SUM:			1189	SUM:			1388	SUM:			1388
VOLUME/CAPACITY (V/C) RATIO:				0.707			0.837				0.865				1.009				1.009
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.607			0.737				0.765				0.909				0.909
LEVEL OF SERVICE (LOS):				B			C				C				E				E

PROJECT IMPACT

Change in v/c due to project: 0.144 Δv/c after mitigation: 0.144

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
27	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	9	9	0	0	0	9	0	0	0	9	0	0
	Left-Through		0							0				0				0	
	Through	942	2	**399**	51	993	**416**	600	1553	2	**618**	35	1588	2	**630**	0	1588	2	**630**
	Through-Right		1							1				1				1	
	Right	254	0	254	1	255	255	43	300	0	300	1	301	0	301	0	301	0	301
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	672	1	**466**	247	919	**582**	122	802	1	**534**	286	1088	1	**670**	0	1088	1	**670**
	Through-Right		1							1				1				1	
	Right	259	0	259	-14	245	245	4	266	0	266	-14	252	0	252	0	252	0	252
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	45	0	**45**	0	45	**45**	-46	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		1							0				0				0	
	Through	602	1	391	85	687	479	159	768	2	384	9	777	2	389	0	777	2	389
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		399	North-South:		416	North-South:			618	North-South:			630	North-South:			630
		East-West:		511	East-West:		627	East-West:			534	East-West:			670	East-West:			670
		SUM:		910	SUM:		1043	SUM:			1152	SUM:			1300	SUM:			1300
VOLUME/CAPACITY (V/C) RATIO:				0.607			0.695				0.768				0.867				0.867
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.507			0.595				0.668				0.767				0.767
LEVEL OF SERVICE (LOS):				A			A				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.099 Δv/c after mitigation: 0.099

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
28	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	45	0	45	0	45	45	8	54	0	54	0	54	0	54	0	54	0	54
	Left-Through		1							1				1				1	
	Through	1437	2	**399**	130	1567	**439**	618	2072	2	**570**	166	2238	2	**619**	0	2238	2	**619**
	Through-Right		1							1				1				1	
	Right	114	0	399	31	145	439	39	154	0	570	31	185	0	619	0	185	0	619
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	520	1	310	32	552	311	116	642	1	376	32	674	1	377	0	674	1	377
	Through-Right		1							1				1				1	
	Right	100	0	100	-31	69	69	9	110	0	110	-31	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	61	0	61	0	61	61	64	126	0	126	0	126	0	126	0	126	0	126
	Left-Through		1							1				1				1	
	Through	523	1	**384**	20	543	**394**	75	604	1	**554**	19	623	1	**564**	0	623	1	**564**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		399	North-South:		439	North-South:			570	North-South:			619	North-South:			619
		East-West:		384	East-West:		394	East-West:			554	East-West:			564	East-West:			564
		SUM:		783	SUM:		833	SUM:			1124	SUM:			1183	SUM:			1183
VOLUME/CAPACITY (V/C) RATIO:				0.522			0.555				0.749				0.789				0.789
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.422			0.455				0.649				0.689				0.689
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.040 Δv/c after mitigation: 0.040

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	29	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 1 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	85	0	85	46	131	131	7	93	0	93	46	139	0	139	0	139	0	139
	Left-Through		1							1				1				1	
	Through	733	3	205	568	1301	358	578	1320	3	353	568	1888	3	507	0	1888	3	507
	Through-Right		0							0				0				0	
	Right	70	1	70	64	134	134	26	97	1	97	64	161	1	161	0	161	1	161
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	62	0	62	16	78	78	47	110	0	110	16	126	0	126	0	126	0	126
	Left-Through		1							1				1				1	
	Through	482	1	303	16	498	405	77	565	1	503	16	581	1	543	0	581	1	543
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	465	1	267	-26	439	309	132	603	1	339	-27	576	1	381	0	576	1	381
	Through-Right		1							1				1				1	
	Right	68	0	68	110	178	178	6	75	0	75	111	186	0	186	0	186	0	186
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		205	North-South:		358	North-South:			353	North-South:			507	North-South:			507
		East-West:		329	East-West:		405	East-West:			503	East-West:			543	East-West:			543
		SUM:		534	SUM:		763	SUM:			856	SUM:			1050	SUM:			1050
VOLUME/CAPACITY (v/c) RATIO:				0.356			0.509				0.571				0.700				0.700
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.256			0.409				0.471				0.600				0.600
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.129 | Δv/c after mitigation: 0.129 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	30	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	34	1	34	30	64	64	7	41	1	41	30	71	1	71	0	71	1	71
	Left-Through		0							0				0				0	
	Through	363	1	197	885	1248	640	162	529	1	292	885	1414	1	734	0	1414	1	734
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	23	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	1	29	0	29	29	5	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	718	1	403	2	720	404	227	954	1	526	2	956	1	527	0	956	1	527
	Through-Right		1							1				1				1	
	Right	88	0	88	0	88	88	9	98	0	98	0	98	0	98	0	98	0	98
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	0	34	30	64	64	10	44	0	44	30	74	0	74	0	74	0	74
	Left-Through		1							1				1				1	
	Through	470	0	289	-18	452	310	77	553	0	349	-18	535	0	444	0	535	0	444
	Through-Right		1							1				1				1	
	Right	39	0	289	0	39	310	17	56	0	349	0	56	0	444	0	56	0	444
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	61	0	61	9	70	70	4	66	0	66	9	75	0	75	0	75	0	75
	Left-Through		1							1				1				1	
	Through	373	0	261	86	459	342	122	499	0	402	86	585	0	418	0	585	0	418
	Through-Right		1							1				1				1	
	Right	26	0	261	59	85	342	15	41	0	402	59	100	0	418	0	100	0	418
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		437	North-South:		669	North-South:			567	North-South:			768	North-South:			768
		East-West:		350	East-West:		406	East-West:			446	East-West:			519	East-West:			519
		SUM:		787	SUM:		1075	SUM:			1013	SUM:			1287	SUM:			1287
VOLUME/CAPACITY (v/c) RATIO:				0.525			0.717				0.675				0.858				0.858
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.425			0.617				0.575				0.758				0.758
LEVEL OF SERVICE (LOS):				A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.183 | Δv/c after mitigation: 0.183 | Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	31	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	49	1	49	82	131	131	0	50	1	50	82	132	1	132	0	132	1	132
	Left-Through		0							0				0				0	
	Through	530	1	281	49	579	306	120	656	1	344	49	705	1	369	0	705	1	369
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	13	1	13	0	13	13	0	13	1	13	0	13	1	13	0	13	1	13
	Left-Through		0							0				0				0	
	Through	579	1	317	0	579	317	126	712	1	392	0	712	1	392	0	712	1	392
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	16	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	63	1	63	0	63	63	9	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	406	1	406	-10	396	396	96	507	1	507	-10	497	1	497	0	497	1	497
	Through-Right		0							0				0				0	
	Right	89	1	65	-8	81	16	0	90	1	65	-8	82	1	16	0	82	1	16
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	57	1	57	0	57	57	0	58	1	58	0	58	1	58	0	58	1	58
	Left-Through		0							0				0				0	
	Through	345	0	374	72	417	446	124	473	0	502	72	545	0	574	0	545	0	574
	Through-Right		1							1				1				1	
	Right	29	0	0	0	29	0	0	29	0	0	0	29	0	0	0	29	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		366	North-South:		448	North-South:			442	North-South:			524	North-South:			524
		East-West:		463	East-West:		509	East-West:			575	East-West:			647	East-West:			647
		SUM:		829	SUM:		957	SUM:			1017	SUM:			1171	SUM:			1171
VOLUME/CAPACITY (v/c) RATIO:				0.553			0.638				0.678				0.781				0.781
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.453			0.538				0.578				0.681				0.681
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.103 | Δv/c after mitigation: 0.103 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	32	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/1/2012
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	45	1	45	0	45	45	0	46	1	46	0	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	676	1	361	9	685	366	169	853	2	427	9	862	2	431	0	862	2	431
	Through-Right		1							1				0				0	
	Right	46	0	46	0	46	46	0	47	1	47	0	47	1	47	0	47	1	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	776	1	420	9	785	435	157	942	0	1017	9	951	0	1047	0	951	0	1047
	Through-Right		1							1				1				1	
	Right	63	0	63	21	84	84	11	75	0	0	21	96	0	0	0	96	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	113	1	113	19	132	132	20	134	1	134	19	153	1	153	0	153	1	153
	Left-Through		0							0				0				0	
	Through	311	0	351	-29	282	322	76	391	0	431	-29	362	0	402	0	362	0	402
	Through-Right		1							1				1				1	
	Right	40	0	0	0	40	0	0	40	0	0	0	40	0	0	0	40	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	329	0	403	51	380	454	113	446	0	527	51	497	0	578	0	497	0	578
	Through-Right		1							1				1				1	
	Right	74	0	0	0	74	0	6	81	0	0	0	81	0	0	0	81	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		465	North-South:		480	North-South:			1063	North-South:			1093	North-South:			1093
		East-West:		516	East-West:		586	East-West:			661	East-West:			731	East-West:			731
		SUM:		981	SUM:		1066	SUM:			1724	SUM:			1824	SUM:			1824
VOLUME/CAPACITY (v/c) RATIO:				0.654			0.711				1.149				1.216				1.216
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.554			0.611				1.049				1.116				1.116
LEVEL OF SERVICE (LOS):				A			B				F				F				F

PROJECT IMPACT

Change in v/c due to project: 0.067 | Δv/c after mitigation: 0.067 | Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
33	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	61	0	61	0	61	61	28	90	0	90	0	90	0	90	0	90	0	90
	Left-Through		0							0				0				0	
	Through	1	0	62	0	1	62	0	1	0	91	0	1	0	91	0	1	0	91
	Through-Right		0							0				0				0	
	Right	32	1	0	0	32	0	99	131	1	0	0	131	1	0	0	131	1	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	20	0	20	0	20	20	0	20	0	20	0	20	0	20	0	20	0	20
	Left-Through		0							0				0				0	
	Through	165	0	212	0	165	212	0	167	0	214	0	167	0	214	0	167	0	214
	Through-Right		0							0				0				0	
	Right	27	0	0	0	27	0	0	27	0	0	0	27	0	0	0	27	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	36	1	36	0	36	36	0	36	1	36	0	36	1	36	0	36	1	36
	Left-Through		0							0				0				0	
	Through	927	2	378	433	1360	522	260	1198	2	470	434	1632	2	614	0	1632	2	614
	Through-Right		1							1				1				1	
	Right	206	0	206	0	206	206	3	211	0	211	0	211	0	211	0	211	0	211
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	236	1	236	0	236	236	111	350	1	350	0	350	1	350	0	350	1	350
	Left-Through		0							0				0				0	
	Through	960	2	334	39	999	347	322	1294	2	445	37	1331	2	457	0	1331	2	457
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		274	North-South:		274	North-South:			305	North-South:			305	North-South:			305
		East-West:		614	East-West:		758	East-West:			820	East-West:			964	East-West:			964
		SUM:		888	SUM:		1032	SUM:			1125	SUM:			1269	SUM:			1269
	VOLUME/CAPACITY (V/C) RATIO:			0.646			0.751				0.818				0.923				0.923
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.546			0.651				0.718				0.823				0.823
	LEVEL OF SERVICE (LOS):			A			B				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.105 | Δv/c after mitigation: 0.105

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/1/2012
34	East-West Street:	SR 110 SB Off-Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	606	2	303	0	606	303	115	728	2	364	0	728	2	364	0	728	2	364
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	76	1	76	916	992	992	64	141	1	141	916	1057	1	1057	0	1057	1	529
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	529
	Through-Right		0							0				0				0	
	Right	84	2	46	0	84	46	128	213	2	117	0	213	2	117	0	213	1	213
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		303	North-South:		303	North-South:			364	North-South:			364	North-South:			364
		East-West:		76	East-West:		992	East-West:			141	East-West:			1057	East-West:			529
		SUM:		379	SUM:		1295	SUM:			505	SUM:			1421	SUM:			893
	VOLUME/CAPACITY (V/C) RATIO:			0.253			0.863				0.337				0.947				0.595
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.153			0.763				0.237				0.847				0.495
	LEVEL OF SERVICE (LOS):			A			C				A				D				A

PROJECT IMPACT

Change in v/c due to project: 0.610 | Δv/c after mitigation: 0.258

Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/20/2012
35	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	53	1	29	378	431	237	64	118	1	65	378	496	1	273	0	496	1	496
	Left-Through		1							1				1				1	
	Through	661	0	685	538	1199	1223	115	784	0	808	538	1322	0	1346	0	1322	1	661
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	55	1	55	-31	24	24	8	64	1	64	-54	10	1	10	0	10	1	10
	Through-Right		0							0				0				0	
	Right	191	1	191	0	191	191	0	193	1	193	0	193	1	193	0	193	1	193
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	316	0	316	-246	70	70	76	396	0	396	-322	74	0	74	0	74	1	42
	Left-Through		1							1				1				1	
	Through	209	1	209	-209	0	0	5	217	1	217	-207	10	1	10	0	10	0	42
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		685	North-South:		1223	North-South:			808	North-South:			1346	North-South:			661
		East-West:		507	East-West:		261	East-West:			589	East-West:			267	East-West:			235
		SUM:		1192	SUM:		1484	SUM:			1397	SUM:			1613	SUM:			896
	VOLUME/CAPACITY (V/C) RATIO:			0.836			1.041				0.980				1.132				0.629
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.736			0.941				0.880				1.032				0.529
	LEVEL OF SERVICE (LOS):			C			E				D				F				A

PROJECT IMPACT

Change in v/c due to project: 0.152 | Δv/c after mitigation: -0.351

Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Convention Center Drive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
36	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	64	1	32	299	363	200	0	65	1	36	299	364	1	200	0	364	1	200
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	32	1	31	59	91	90	0	32	1	31	59	91	1	90	0	91	1	90
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	686	2	343	163	849	425	55	749	2	375	230	979	2	490	0	979	2	490
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	626	2	313	2	628	314	36	670	2	335	2	672	2	336	0	672	2	336
	Through-Right		0							0				0				0	
	Right	54	1	22	68	122	0	0	55	1	19	68	123	1	0	0	123	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		32	North-South:		200	North-South:			36	North-South:			200	North-South:			200
		East-West:		343	East-West:		425	East-West:			375	East-West:			490	East-West:			490
		SUM:		375	SUM:		625	SUM:			411	SUM:			690	SUM:			690
	VOLUME/CAPACITY (V/C) RATIO:			0.250			0.417				0.274				0.460				0.460
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.150			0.317				0.174				0.360				0.360
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.186 | Δv/c after mitigation: 0.186

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	37	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	3	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	3	3	0
ATSAC-1 or ATSAC+ATCS-2?				2
Override Capacity				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	156	1	**156**	0	156	**156**	0	158	1	**158**	0	158	1	**158**	0	158	1	**158**
	Left-Through		0							0				0				0	
	Through	1166	3	307	167	1333	349	462	1642	3	427	167	1809	3	469	0	1809	3	469
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	3	67	0	67	0	67	0	67	0	67	0	67
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	18	1	18	29	47	47	2	20	1	20	29	49	1	49	0	49	1	49
	Left-Through		0							0				0				0	
	Through	646	2	**323**	311	957	**479**	23	677	2	**339**	260	937	2	**469**	0	937	2	**469**
	Through-Right		0							0				0				0	
	Right	92	1	4	2	94	0	12	105	1	0	2	107	1	0	0	107	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	88	1	**88**	28	116	**116**	16	105	1	**105**	28	133	1	**133**	0	133	1	**133**
	Left-Through		0							0				0				0	
	Through	407	2	204	197	604	302	40	452	2	226	213	665	2	333	0	665	2	333
	Through-Right		0							0				0				0	
	Right	257	1	101	238	495	339	0	260	1	102	289	549	1	391	0	549	1	391
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	181	0	181	0	181	181	1	184	0	184	0	184	0	184	0	184	0	184
	Left-Through		1							1				1				1	
	Through	504	0	**556**	68	572	**639**	24	534	0	**630**	68	602	0	**713**	0	602	0	**713**
	Through-Right		1							1				1				1	
	Right	52	0	0	15	67	0	43	96	0	0	15	111	0	0	0	111	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		479	*North-South:*		635	*North-South:*			497	*North-South:*			627	*North-South:*			627
		East-West:		644	*East-West:*		755	*East-West:*			735	*East-West:*			846	*East-West:*			846
		SUM:		1123	*SUM:*		1390	*SUM:*			1232	*SUM:*			1473	*SUM:*			1473
VOLUME/CAPACITY (*V/C*) RATIO:				0.817			1.011				0.896				1.071				1.071
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.717**			**0.911**				**0.796**				**0.971**				**0.971**
LEVEL OF SERVICE (LOS):				**C**			**E**				**C**				**E**				**E**

PROJECT IMPACT

Change in *v/c* due to project: **0.175** $\Delta v/c$ after mitigation: **0.175**

Significant impacted? **YES** Fully mitigated? **NO**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	38	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?				2
Override Capacity				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	74	1	74	0	74	74	3	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	894	2	**447**	-14	880	**440**	589	1494	2	**585**	-30	1464	2	**590**	0	1464	2	**590**
	Through-Right		0							1				1				1	
	Right	246	1	246	47	293	293	11	260	0	260	47	307	0	307	0	307	0	307
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	428	1	**255**	226	654	**368**	45	478	1	**281**	226	704	1	**402**	0	704	1	**402**
	Through-Right		1							1				1				1	
	Right	82	0	82	0	82	82	0	83	0	83	16	99	0	99	0	99	0	99
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	20	0	**20**	0	20	**20**	5	25	0	**25**	0	25	0	**25**	0	25	0	**25**
	Left-Through		1							1				1				1	
	Through	484	1	262	36	520	300	57	547	1	299	36	583	1	342	0	583	1	342
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		447	*North-South:*		440	*North-South:*			585	*North-South:*			590	*North-South:*			590
		East-West:		275	*East-West:*		388	*East-West:*			306	*East-West:*			427	*East-West:*			427
		SUM:		722	*SUM:*		828	*SUM:*			891	*SUM:*			1017	*SUM:*			1017
VOLUME/CAPACITY (*V/C*) RATIO:				0.507			0.581				0.625				0.714				0.714
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.407**			**0.481**				**0.525**				**0.614**				**0.614**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**B**				**B**

PROJECT IMPACT

Change in *v/c* due to project: **0.089** $\Delta v/c$ after mitigation: **0.089**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	39	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?				2
Override Capacity				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	123	0	123	0	123	123	5	129	0	129	0	129	0	129	0	129	0	129
	Left-Through		1							1				1				1	
	Through	1460	3	**396**	86	1546	**417**	666	2144	3	**568**	122	2266	3	**599**	0	2266	3	**599**
	Through-Right		0							0				0				0	
	Right	67	1	67	13	80	80	19	87	1	87	13	100	1	100	0	100	1	100
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	379	1	**262**	190	569	**373**	40	424	1	**294**	190	614	1	**405**	0	614	1	**405**
	Through-Right		1							1				1				1	
	Right	145	0	145	32	177	177	16	163	0	163	32	195	0	195	0	195	0	195
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	57	0	**57**	26	83	**83**	0	58	0	**58**	26	84	0	**84**	0	84	0	**84**
	Left-Through		1							1				1				1	
	Through	389	1	252	23	412	372	40	434	1	275	23	457	1	397	0	457	1	397
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		396	*North-South:*		417	*North-South:*			568	*North-South:*			599	*North-South:*			599
		East-West:		319	*East-West:*		456	*East-West:*			352	*East-West:*			489	*East-West:*			489
		SUM:		715	*SUM:*		873	*SUM:*			920	*SUM:*			1088	*SUM:*			1088
VOLUME/CAPACITY (*V/C*) RATIO:				0.477			0.582				0.613				0.725				0.725
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.377**			**0.482**				**0.513**				**0.625**				**0.625**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**B**				**B**

PROJECT IMPACT

Change in *v/c* due to project: **0.112** $\Delta v/c$ after mitigation: **0.112**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	40	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?				2
Override Capacity				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	0	55	12	67	67	23	79	0	79	12	91	0	91	0	91	0	91
	Left-Through		1							1				1				1	
	Through	673	2	**200**	540	1213	**338**	579	1260	2	**353**	540	1800	2	**491**	0	1800	2	**491**
	Through-Right		1							1				1				1	
	Right	70	0	200	0	70	338	0	71	0	353	0	71	0	491	0	71	0	491
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	58	0	58	62	120	**120**	39	98	0	**98**	62	160	0	160	0	160	0	160
	Left-Through		1							1				1				1	
	Through	454	1	**285**	127	581	411	6	465	1	331	127	592	1	**592**	0	592	1	**592**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	0	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	387	1	224	38	425	**298**	18	410	1	**244**	38	448	1	318	0	448	1	318
	Through-Right		1							1				1				1	
	Right	60	0	60	110	170	170	16	77	0	77	110	187	0	187	0	187	0	187
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		200	*North-South:*		338	*North-South:*			353	*North-South:*			491	*North-South:*			491
		East-West:		285	*East-West:*		418	*East-West:*			342	*East-West:*			592	*East-West:*			592
		SUM:		485	*SUM:*		756	*SUM:*			695	*SUM:*			1083	*SUM:*			1083
VOLUME/CAPACITY (*V/C*) RATIO:				0.323			0.504				0.463				0.722				0.722
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.223**			**0.404**				**0.363**				**0.622**				**0.622**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**B**				**B**

PROJECT IMPACT

Change in *v/c* due to project: **0.259** $\Delta v/c$ after mitigation: **0.259**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	41	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	870	3	290	26	896	299	353	1233	3	411	26	1259	3	420	0	1259	3	420
	Through-Right		1							1				1				1	
	Right	811	1	446	2	813	447	328	1149	1	632	2	1151	1	633	0	1151	1	633
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	134	0	134	60	194	194	63	199	0	199	60	259	0	259	0	259	0	259
	Left-Through		1							1				1				1	
	Through	974	1	554	129	1103	649	167	1153	1	676	129	1282	1	771	0	1282	2	514
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		446	North-South:		447	North-South:			632	North-South:			633	North-South:			633
		East-West:		554	East-West:		649	East-West:			676	East-West:			771	East-West:			514
		SUM:		1000	SUM:		1096	SUM:			1308	SUM:			1404	SUM:			1147
VOLUME/CAPACITY (V/C) RATIO:				0.667			0.731				0.872				0.936				0.765
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.567			0.631				0.772				0.836				0.665
LEVEL OF SERVICE (LOS):				A			B				C				D				B

PROJECT IMPACT

Change in v/c due to project: 0.064 Δv/c after mitigation: -0.107

Significant impacted? YES Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	42	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/1/2012
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	187	0	187	114	301	301	54	243	0	243	114	357	0	357	0	357	0	357
	Left-Through		1							1				1				1	
	Through	614	3	200	588	1202	376	398	1019	3	316	588	1607	3	491	0	1607	3	491
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	835	1	489	75	910	910	177	1022	1	686	75	1097	1	1097	0	1097	2	549
	Through-Right		1							1				1				1	
	Right	143	0	143	805	948	948	204	349	0	349	805	1154	0	1154	0	1154	0	1154
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		200	North-South:		376	North-South:			316	North-South:			491	North-South:			491
		East-West:		489	East-West:		948	East-West:			686	East-West:			1154	East-West:			1154
		SUM:		689	SUM:		1324	SUM:			1002	SUM:			1645	SUM:			1645
VOLUME/CAPACITY (V/C) RATIO:				0.459			0.883				0.668				1.097				1.097
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.359			0.783				0.568				0.997				0.997
LEVEL OF SERVICE (LOS):				A			C				A				E				E

PROJECT IMPACT

Change in v/c due to project: 0.429 Δv/c after mitigation: 0.429

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	43	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	79	0	79	37	116	116	8	88	0	88	37	125	0	125	0	125	0	125
	Left-Through		1							1				1				1	
	Through	410	1	363	313	723	594	169	584	1	556	313	897	1	824	0	897	1	824
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	672	1	433	0	672	443	165	845	1	554	0	845	1	564	0	845	1	564
	Through-Right		1							1				1				1	
	Right	194	0	194	20	214	214	67	263	0	263	20	283	0	283	0	283	0	283
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	58	0	58	0	58	58	27	86	0	86	0	86	0	86	0	86	0	86
	Left-Through		1							1				1				1	
	Through	706	0	414	888	1594	1079	306	1021	0	594	888	1909	0	1259	0	1909	1	839
	Through-Right		1							1				1				1	
	Right	64	0	414	442	506	1079	16	81	0	594	442	523	0	1259	0	523	0	839
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		512	North-South:		594	North-South:			642	North-South:			824	North-South:			824
		East-West:		414	East-West:		1079	East-West:			594	East-West:			1259	East-West:			839
		SUM:		926	SUM:		1673	SUM:			1236	SUM:			2083	SUM:			1663
VOLUME/CAPACITY (V/C) RATIO:				0.617			1.115				0.824				1.389				1.109
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.517			1.015				0.724				1.289				1.009
LEVEL OF SERVICE (LOS):				A			F				C				F				F

PROJECT IMPACT

Change in v/c due to project: 0.565 Δv/c after mitigation: 0.285

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	44	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	82	1	82	40	122	122	0	83	1	83	40	123	1	123	0	123	1	123
	Left-Through		0							0				0				0	
	Through	584	2	292	67	651	326	122	713	2	357	67	780	2	390	0	780	2	390
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	717	1	422	55	772	449	118	844	1	490	55	899	1	517	0	899	1	517
	Through-Right		1							1				1				1	
	Right	126	0	126	0	126	126	7	135	0	135	0	135	0	135	0	135	0	135
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	89	0	89	128	217	217	11	101	0	101	128	229	0	229	0	229	0	229
	Left-Through		1							1				1				1	
	Through	604	0	375	1290	1894	1121	342	953	0	563	1290	2243	0	1309	0	2243	1	872
	Through-Right		1							1				1				1	
	Right	57	0	375	74	131	1121	13	71	0	563	74	145	0	1309	0	145	0	872
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		504	North-South:		571	North-South:			573	North-South:			640	North-South:			640
		East-West:		375	East-West:		1121	East-West:			563	East-West:			1309	East-West:			872
		SUM:		879	SUM:		1692	SUM:			1136	SUM:			1949	SUM:			1512
VOLUME/CAPACITY (V/C) RATIO:				0.586			1.128				0.757				1.299				1.008
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.486			1.028				0.657				1.199				0.908
LEVEL OF SERVICE (LOS):				A			F				B				F				E

PROJECT IMPACT

Change in v/c due to project: 0.542 Δv/c after mitigation: 0.251

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	45	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	58	1	58	0	58	58	4	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	666	2	333	0	666	333	146	820	2	410	0	820	2	410	0	820	2	410
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	733	1	446	0	733	446	140	882	1	528	0	882	1	529	0	882	1	529
	Through-Right		1							1				1				1	
	Right	158	0	158	1	159	159	14	174	0	174	1	175	0	175	0	175	0	175
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	149	0	149	0	149	149	74	225	0	225	0	225	0	225	0	225	0	225
	Left-Through		1							1				1				1	
	Through	511	0	352	1491	2002	1098	348	865	0	579	1491	2356	0	1325	0	2356	1	883
	Through-Right		1							1				1				1	
	Right	44	0	352	0	44	1098	23	68	0	579	0	68	0	1325	0	68	0	883
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		504	North-South:		504			591		North-South:		592		North-South:		592	
		East-West:		352	East-West:		1098			579		East-West:		1325		East-West:		883	
		SUM:		856	SUM:		1602			1170		SUM:		1917		SUM:		1475	
VOLUME/CAPACITY (V/C) RATIO:				0.571			1.068			0.780				1.278				0.983	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.471			0.968			0.680				1.178				0.883	
LEVEL OF SERVICE (LOS):				A			E			B				F				D	

PROJECT IMPACT

Change in v/c due to project: 0.498 | Δv/c after mitigation: 0.203
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	46	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	27	1	27	0	27	27	0	27	1	27	0	27	1	27	0	27	1	27
	Left-Through		0							0				0				0	
	Through	115	2	58	0	115	58	6	122	2	61	0	122	2	61	0	122	2	61
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	620	1	379	0	620	467	26	653	1	399	0	653	1	487	0	653	1	487
	Through-Right		1							1				1				1	
	Right	138	0	138	176	314	314	4	144	0	144	176	320	0	320	0	320	0	320
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	103	0	103	0	103	103	0	104	0	104	0	104	0	104	0	104	0	104
	Left-Through		1							1				1				1	
	Through	527	0	366	1315	1842	1023	440	973	0	608	1315	2288	0	1266	0	2288	1	844
	Through-Right		1							1				1				1	
	Right	101	0	366	0	101	1023	37	139	0	608	0	139	0	1266	0	139	0	844
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		406	North-South:		494			426		North-South:		514		North-South:		514	
		East-West:		366	East-West:		1023			608		East-West:		1266		East-West:		844	
		SUM:		772	SUM:		1517			1034		SUM:		1780		SUM:		1358	
VOLUME/CAPACITY (V/C) RATIO:				0.515			1.011			0.689				1.187				0.905	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.415			0.911			0.589				1.087				0.805	
LEVEL OF SERVICE (LOS):				A			E			A				F				D	

PROJECT IMPACT

Change in v/c due to project: 0.498 | Δv/c after mitigation: 0.216
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	47	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	45	1	45	0	45	45	0	46	1	46	0	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	765	3	255	0	765	255	511	1285	3	428	0	1285	3	428	0	1285	3	428
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	55	1	39	104	159	91	30	86	1	55	104	190	1	107	0	190	1	107
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		255	North-South:		255			428		North-South:		428		North-South:		428	
		East-West:		39	East-West:		91			55		East-West:		107		East-West:		107	
		SUM:		294	SUM:		346			483		SUM:		535		SUM:		535	
VOLUME/CAPACITY (V/C) RATIO:				0.206			0.243			0.339				0.375				0.375	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.106			0.143			0.239				0.275				0.275	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.036 | Δv/c after mitigation: 0.036
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	48	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 3 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	192	2	106	31	223	123	0	194	2	107	31	225	2	124	0	225	2	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	192	1	192	0	192	192	104	298	1	298	0	298	1	298	0	298	1	298
	Left-Through		0							0				0				0	
	Through	798	3	266	86	884	295	312	1120	3	373	86	1206	3	402	0	1206	3	402
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	703	2	234	215	918	306	331	1042	2	347	215	1257	2	419	0	1257	2	419
	Through-Right		1							1				1				1	
	Right	124	1	124	0	124	124	189	314	1	314	0	314	1	314	0	314	1	314
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		298	North-South:		315			405		North-South:		422		North-South:		422	
		East-West:		234	East-West:		306			347		East-West:		419		East-West:		419	
		SUM:		532	SUM:		621			752		SUM:		841		SUM:		841	
VOLUME/CAPACITY (V/C) RATIO:				0.373			0.436			0.528				0.590				0.590	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.273			0.336			0.428				0.490				0.490	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.062 | Δv/c after mitigation: 0.062
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
49	Olive	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	18th	2017			LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	548	3	153	535	1083	287	212	767	3	208	535	1302	3	342	0	1302	3	342
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	0	65	0	65	0	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	252	1	252	167	419	419	239	494	1	494	167	661	1	661	0	661	1	661
	Left-Through		0							0				0				0	
	Through	834	2	417	78	912	456	196	1040	2	520	78	1118	2	559	0	1118	2	559
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		153	North-South:		287	North-South:			208	North-South:			342	North-South:			342
		East-West:		417	East-West:		456	East-West:			520	East-West:			661	East-West:			661
		SUM:		570	SUM:		743	SUM:			728	SUM:			1003	SUM:			1003
VOLUME/CAPACITY (V/C) RATIO:				0.380			0.495				0.485				0.669				0.669
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.280			0.395				0.385				0.569				0.569
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.184 — Δv/c after mitigation: 0.184

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
50	Hill	2011	0.2	Eric Ji	11/21/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	18th	2017			LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	460	1	274	271	731	409	142	608	1	348	271	879	1	484	0	879	1	484
	Through-Right		1							1				1				1	
	Right	87	0	87	0	87	87	0	88	0	88	0	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	48	0	48	0	48	48	13	62	0	62	0	62	0	62	0	62	0	62
	Left-Through		1							1				1				1	
	Through	677	1	387	0	677	435	179	864	1	556	0	864	1	556	0	864	1	556
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	28	1	28	78	106	106	35	63	1	63	78	141	1	141	0	141	0	141
	Left-Through		0							0				0				1	
	Through	578	1	311	0	578	311	161	746	1	395	0	746	1	395	0	746	1	310
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	310
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		387	North-South:		457	North-South:			556	North-South:			556	North-South:			556
		East-West:		311	East-West:		311	East-West:			395	East-West:			395	East-West:			310
		SUM:		698	SUM:		768	SUM:			951	SUM:			951	SUM:			866
VOLUME/CAPACITY (V/C) RATIO:				0.465			0.512				0.634				0.634				0.577
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.365			0.412				0.534				0.534				0.477
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: -0.057

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
51	Broadway	2011	0.2	Eric Ji	11/21/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	18th	2017			LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	598	1	332	107	705	386	122	727	1	413	107	834	1	466	0	834	1	466
	Through-Right		1							1				1				1	
	Right	66	0	66	0	66	66	31	98	0	98	0	98	0	98	0	98	0	98
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	70	1	70	0	70	70	13	84	1	84	0	84	1	84	0	84	1	84
	Left-Through		0							0				0				0	
	Through	731	2	366	183	914	457	116	856	2	428	183	1039	2	520	0	1039	2	520
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	54	1	54	0	54	54	0	55	1	55	0	55	1	55	0	55	0	55
	Left-Through		0							0				0				1	
	Through	596	1	337	0	596	337	156	759	1	429	0	759	1	429	0	759	1	304
	Through-Right		1							1				1				1	
	Right	78	0	78	0	78	78	19	98	0	98	0	98	0	98	0	98	0	304
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		402	North-South:		457	North-South:			497	North-South:			550	North-South:			550
		East-West:		337	East-West:		337	East-West:			429	East-West:			429	East-West:			304
		SUM:		739	SUM:		794	SUM:			926	SUM:			979	SUM:			854
VOLUME/CAPACITY (V/C) RATIO:				0.493			0.529				0.617				0.653				0.569
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.393			0.429				0.517				0.553				0.469
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.036 — Δv/c after mitigation: -0.048

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
52	Main	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	18th	2017			LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	685	1	408	0	685	408	130	823	1	520	0	823	1	520	0	823	1	520
	Through-Right		1							1				1				1	
	Right	130	0	130	0	130	130	85	217	0	217	0	217	0	217	0	217	0	217
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	48	1	48	0	48	48	11	60	1	60	0	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	810	2	405	0	810	405	202	1022	2	511	0	1022	2	511	0	1022	2	511
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	62	0	62	0	62	62	20	83	0	83	0	83	0	83	0	83	0	83
	Left-Through		0							1				1				1	
	Through	753	1	408	0	753	408	171	933	1	508	0	933	1	508	0	933	1	508
	Through-Right		1							0				0				0	
	Right	144	1	144	0	144	144	9	155	1	155	0	155	1	155	0	155	1	155
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		456	North-South:		456	North-South:			580	North-South:			580	North-South:			580
		East-West:		408	East-West:		408	East-West:			508	East-West:			508	East-West:			508
		SUM:		864	SUM:		864	SUM:			1088	SUM:			1088	SUM:			1088
VOLUME/CAPACITY (V/C) RATIO:				0.576			0.576				0.725				0.725				0.725
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.476			0.476				0.625				0.625				0.625
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	53	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	433	1	222	0	433	222	4	442	1	227	0	442	1	227	0	442	1	227
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	14	1	14	0	14	14	0	14	1	14	0	14	1	14	0	14	1	14
	Left-Through		0							0				0				0	
	Through	312	2	156	0	312	156	0	316	2	158	0	316	2	158	0	316	2	158
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	731	1	731	0	731	731	267	1007	1	1007	0	1007	1	1007	0	1007	2	554
	Left-Through		0							0				0				0	
	Through	116	1	101	0	116	101	0	117	1	102	0	117	1	102	0	117	1	102
	Through-Right		1							1				1				1	
	Right	86	0	86	0	86	86	0	87	0	87	0	87	0	87	0	87	0	87
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		236	North-South:		236	North-South:			241	North-South:			241	North-South:			241
		East-West:		731	East-West:		731	East-West:			1007	East-West:			1007	East-West:			554
		SUM:		967	SUM:		967	SUM:			1248	SUM:			1248	SUM:			795
VOLUME/CAPACITY (V/C) RATIO:				0.645			0.645				0.832				0.832				0.530
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.545			0.545				0.732				0.732				0.430
LEVEL OF SERVICE (LOS):				A			A				C				C				A

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: -0.302

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	54	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/21/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	179	1	179	0	179	179	6	187	1	187	0	187	1	187	0	187	1	187
	Left-Through		0							0				0				0	
	Through	1466	3	393	125	1591	431	507	1991	3	532	125	2116	3	570	0	2116	3	570
	Through-Right		1							1				1				1	
	Right	105	0	105	27	132	132	29	135	0	135	27	162	0	162	0	162	0	162
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	102	1	102	73	175	175	0	103	1	103	73	176	1	176	0	176	1	176
	Left-Through		0							0				0				0	
	Through	769	1	454	7	776	528	6	784	1	466	7	791	1	540	0	791	1	540
	Through-Right		1							1				1				1	
	Right	139	0	139	141	280	280	7	148	0	148	141	289	0	289	0	289	0	289
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	140	1	140	39	179	179	23	165	1	165	39	204	1	204	0	204	1	204
	Left-Through		0							0				0				0	
	Through	679	2	269	104	783	304	73	760	2	298	104	864	2	333	0	864	2	333
	Through-Right		1							1				1				1	
	Right	128	0	128	0	128	128	4	134	0	134	0	134	0	134	0	134	0	134
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	123	1	123	2	125	125	30	154	1	154	2	156	1	156	0	156	1	156
	Left-Through		0							0				0				0	
	Through	723	2	273	0	723	274	113	845	2	331	0	845	2	332	0	845	3	282
	Through-Right		1							1				1				0	
	Right	97	0	97	3	100	100	50	148	0	148	3	151	0	151	0	151	1	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		633	North-South:		707	North-South:			653	North-South:			746	North-South:			746
		East-West:		413	East-West:		453	East-West:			496	East-West:			536	East-West:			489
		SUM:		1046	SUM:		1160	SUM:			1149	SUM:			1282	SUM:			1235
VOLUME/CAPACITY (V/C) RATIO:				0.761			0.844				0.836				0.932				0.898
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.661			0.744				0.736				0.832				0.798
LEVEL OF SERVICE (LOS):				B			C				C				D				C

PROJECT IMPACT

Change in v/c due to project: 0.096 — Δv/c after mitigation: 0.062

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	55	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	66	1	66	0	66	66	15	82	1	82	0	82	1	82	0	82	1	82
	Left-Through		0							0				0				0	
	Through	1033	2	410	0	1033	410	475	1520	2	579	0	1520	2	579	0	1520	2	579
	Through-Right		1							1				1				1	
	Right	196	0	196	0	196	196	20	218	0	218	0	218	0	218	0	218	0	218
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	821	2	411	114	935	468	95	926	2	463	114	1040	2	520	0	1040	2	520
	Through-Right		0							0				0				0	
	Right	61	1	61	90	151	151	7	69	1	69	90	159	1	159	0	159	1	159
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	64	64	0	0	0	0	0	64	64	0	0	0	64	0	0
	Left-Through		0							0				0				0	
	Through	889	2	445	5	894	447	172	1072	2	536	5	1077	2	539	0	1077	2	539
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		410	North-South:		410	North-South:			579	North-South:			579	North-South:			579
		East-West:		445	East-West:		468	East-West:			536	East-West:			539	East-West:			539
		SUM:		855	SUM:		878	SUM:			1115	SUM:			1118	SUM:			1118
VOLUME/CAPACITY (V/C) RATIO:				0.570			0.585				0.743				0.745				0.745
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.470			0.485				0.643				0.645				0.645
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.002 — Δv/c after mitigation: 0.002

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	56	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	180	0	249	36	216	298	0	182	0	265	36	218	0	314	0	218	0	314
	Through-Right		1							1				1				1	
	Right	69	0	0	13	82	0	13	83	0	0	13	96	0	0	0	96	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	89	1	89	0	89	89	103	193	1	193	0	193	1	193	0	193	1	193
	Left-Through		0							0				0				0	
	Through	742	2	371	0	742	371	352	1103	2	552	0	1103	2	552	0	1103	2	552
	Through-Right		0							0				0				0	
	Right	80	1	80	61	141	141	46	127	1	127	61	188	1	188	0	188	1	188
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	813	1	433	114	927	490	110	933	1	493	114	1047	1	550	0	1047	1	550
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	57	1	57	0	57	57	4	62	1	62	0	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	715	1	363	7	722	367	126	850	1	431	7	857	1	434	0	857	1	434
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		426	North-South:		426	North-South:			608	North-South:			608	North-South:			608
		East-West:		490	East-West:		547	East-West:			555	East-West:			612	East-West:			612
		SUM:		916	SUM:		973	SUM:			1163	SUM:			1220	SUM:			1220
VOLUME/CAPACITY (V/C) RATIO:				0.643			0.683				0.816				0.856				0.856
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.543			0.583				0.716				0.756				0.756
LEVEL OF SERVICE (LOS):				A			A				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.040 — Δv/c after mitigation: 0.040

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	57	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2		2
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	49	0	49	2	51	51	124	174	0	174	2	176	0	176	0	176	0	176
Left-Through		1							1				1				1	
Through	389	1	162	422	811	304	145	539	1	254	422	961	1	396	0	961	1	396
Through-Right		1							1				1				1	
Right	49	0	162	0	49	304	0	50	0	254	0	50	0	396	0	50	0	396
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Left-Through		0							0				0				0	
Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Through-Right		0							0				0				0	
Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND Left	83	1	83	84	167	167	66	150	1	150	84	234	1	234	0	234	1	234
Left-Through		0							0				0				0	
Through	851	1	446	37	888	467	134	995	1	518	37	1032	1	539	0	1032	1	539
Through-Right		1							1				1				1	
Right	41	0	41	4	45	45	0	41	0	41	4	45	0	45	0	45	0	45
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND Left	58	1	58	192	250	250	0	59	1	59	192	251	1	251	0	251	1	251
Left-Through		0							0				0				0	
Through	731	1	412	7	738	434	150	890	1	493	7	897	1	515	0	897	1	515
Through-Right		1							1				1				1	
Right	93	0	93	36	129	129	2	96	0	96	36	132	0	132	0	132	0	132
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		162	North-South:		304	North-South:			254	North-South:			396	North-South:			396
	East-West:		504	East-West:		717	East-West:			643	East-West:			790	East-West:			790
	SUM:		666	SUM:		1021	SUM:			897	SUM:			1186	SUM:			1186
VOLUME/CAPACITY (V/C) RATIO:			0.467			0.716				0.629				0.832				0.832
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.367			0.616				0.529				0.732				0.732
LEVEL OF SERVICE (LOS):			A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.203 — Δv/c after mitigation: 0.203

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	58	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2		2
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	39	1	39	1	40	40	0	39	1	39	1	40	1	40	0	40	1	40
Left-Through		0							0				0				0	
Through	520	1	331	232	752	447	108	634	1	389	232	866	1	505	0	866	1	505
Through-Right		1							1				1				1	
Right	141	0	141	0	141	141	0	143	0	143	0	143	0	143	0	143	0	143
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND Left	70	1	70	0	70	70	8	79	1	79	0	79	1	79	0	79	1	79
Left-Through		0							0				0				0	
Through	669	1	360	0	669	360	140	817	1	450	0	817	1	450	0	817	1	450
Through-Right		1							1				1				1	
Right	51	0	51	0	51	51	31	83	0	83	0	83	0	83	0	83	0	83
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND Left	18	1	18	22	40	40	17	35	1	35	22	57	1	57	0	57	1	57
Left-Through		0							0				0				0	
Through	827	1	426	16	843	434	117	954	1	489	16	970	1	497	0	970	1	497
Through-Right		1							1				1				1	
Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND Left	60	1	60	0	60	60	0	61	1	61	0	61	1	61	0	61	1	61
Left-Through		0							0				0				0	
Through	766	1	408	234	1000	534	120	895	1	481	234	1129	1	607	0	1129	1	607
Through-Right		1							1				1				1	
Right	49	0	49	18	67	67	17	67	0	67	18	85	0	85	0	85	0	85
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		401	North-South:		517	North-South:			489	North-South:			584	North-South:			584
	East-West:		486	East-West:		574	East-West:			550	East-West:			664	East-West:			664
	SUM:		887	SUM:		1091	SUM:			1039	SUM:			1248	SUM:			1248
VOLUME/CAPACITY (V/C) RATIO:			0.622			0.766				0.729				0.876				0.876
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.522			0.666				0.629				0.776				0.776
LEVEL OF SERVICE (LOS):			A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.147 — Δv/c after mitigation: 0.147

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	59	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2		2
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
Left-Through		0							0				0				0	
Through	644	1	359	107	751	413	119	771	1	429	107	878	1	482	0	878	1	482
Through-Right		1							1				1				1	
Right	74	0	74	0	74	74	11	86	0	86	0	86	0	86	0	86	0	86
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND Left	41	1	41	0	41	41	29	70	1	70	0	70	1	70	0	70	1	70
Left-Through		0							0				0				0	
Through	787	1	414	0	787	505	101	897	1	472	0	897	1	563	0	897	1	563
Through-Right		1							1				1				1	
Right	40	0	40	183	223	223	6	46	0	46	183	229	0	229	0	229	0	229
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND Left	37	1	37	0	37	37	29	66	1	66	0	66	1	66	0	66	1	66
Left-Through		0							0				0				0	
Through	953	1	504	16	969	512	95	1059	1	558	16	1075	1	566	0	1075	1	566
Through-Right		1							1				1				1	
Right	55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND Left	117	1	117	0	117	117	5	123	1	123	0	123	1	123	0	123	1	123
Left-Through		0							0				0				0	
Through	804	1	426	69	873	461	131	945	1	499	69	1014	1	534	0	1014	1	534
Through-Right		1							1				1				1	
Right	48	0	48	0	48	48	4	53	0	53	0	53	0	53	0	53	0	53
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		457	North-South:		548	North-South:			516	North-South:			607	North-South:			607
	East-West:		621	East-West:		629	East-West:			681	East-West:			689	East-West:			689
	SUM:		1078	SUM:		1177	SUM:			1197	SUM:			1296	SUM:			1296
VOLUME/CAPACITY (V/C) RATIO:			0.756			0.826				0.840				0.909				0.909
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.656			0.726				0.740				0.809				0.809
LEVEL OF SERVICE (LOS):			B			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.069 — Δv/c after mitigation: 0.069

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	60	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2		2
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	57	1	57	0	57	57	0	58	1	58	0	58	1	58	0	58	1	58
Left-Through		0							0				0				0	
Through	677	1	388	0	677	388	195	880	1	499	0	880	1	499	0	880	1	499
Through-Right		1							1				1				1	
Right	98	0	98	0	98	98	19	118	0	118	0	118	0	118	0	118	0	118
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND Left	74	1	74	0	74	74	13	88	1	88	0	88	1	88	0	88	1	88
Left-Through		0							0				0				0	
Through	776	1	427	0	776	427	174	959	1	531	0	959	1	531	0	959	1	531
Through-Right		1							1				1				1	
Right	77	0	77	0	77	77	24	102	0	102	0	102	0	102	0	102	0	102
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND Left	58	1	58	0	58	58	13	72	1	72	0	72	1	72	0	72	1	72
Left-Through		0							0				0				0	
Through	924	1	488	16	940	496	122	1057	1	555	16	1073	1	563	0	1073	1	563
Through-Right		1							1				1				1	
Right	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND Left	100	1	100	0	100	100	0	101	1	101	0	101	1	101	0	101	1	101
Left-Through		0							0				0				0	
Through	832	1	448	69	901	483	116	958	1	515	69	1027	1	550	0	1027	1	550
Through-Right		1							1				1				1	
Right	64	0	64	0	64	64	7	72	0	72	0	72	0	72	0	72	0	72
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		484	North-South:		484	North-South:			589	North-South:			589	North-South:			589
	East-West:		588	East-West:		596	East-West:			656	East-West:			664	East-West:			664
	SUM:		1072	SUM:		1080	SUM:			1245	SUM:			1253	SUM:			1253
VOLUME/CAPACITY (V/C) RATIO:			0.752			0.758				0.874				0.879				0.879
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.652			0.658				0.774				0.779				0.779
LEVEL OF SERVICE (LOS):			B			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.005 — Δv/c after mitigation: 0.005

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	61	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	5	0 1	5	0	5	5	0	5	0 1	5	0	5	0 1	5	0	5	0 1	5
	Left-Through																		
	Through	247	0 1	137	0	247	137	0	250	0 1	138	0	250	0 1	138	0	250	0 1	138
	Through-Right																		
	Right	21	0	137	0	21	137	0	21	0	138	0	21	0	138	0	21	0	138
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	118	0 1	118	0	118	118	0	119	0 1	119	0	119	0 1	119	0	119	0 1	119
	Left-Through																		
	Through	168	0 1	191	0	168	191	0	170	0 1	193	0	170	0 1	193	0	170	0 1	193
	Through-Right																		
	Right	95	0	191	0	95	191	0	96	0	193	0	96	0	193	0	96	0	193
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	127	1	127	0	127	127	4	133	1	133	0	133	1	133	0	133	1	133
	Left-Through		0							0				0				0	
	Through	927	1	473	16	943	481	77	1015	1	517	16	1031	1	525	0	1031	1	525
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	11	1	11	0	11	11	0	11	1	11	0	11	1	11	0	11	1	11
	Left-Through		0							0				0				0	
	Through	895	1	485	69	964	520	113	1019	1	548	69	1088	1	582	0	1088	1	582
	Through-Right		1							1				1				1	
	Right	75	0	75	0	75	75	0	76	0	76	0	76	0	76	0	76	0	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		255	North-South:		255	North-South:			257	North-South:			257	North-South:			257
		East-West:		612	East-West:		647	East-West:			681	East-West:			715	East-West:			715
		SUM:		867	SUM:		902	SUM:			938	SUM:			972	SUM:			972
VOLUME/CAPACITY (V/C) RATIO:				0.608			0.633				0.658				0.682				0.682
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.508			0.533				0.558				0.582				0.582
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.024 Δv/c after mitigation: 0.024

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	62	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	54	1	54	0	54	54	15	70	1	70	0	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	598	1	324	0	598	324	0	605	1	331	0	605	1	331	0	605	1	331
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	6	57	0	57	0	57	0	57	0	57	0	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	46	1	46	0	46	46	0	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	651	1	379	0	651	379	0	659	1	383	0	659	1	383	0	659	1	383
	Through-Right		1							1				1				1	
	Right	106	0	106	0	106	106	0	107	0	107	0	107	0	107	0	107	0	107
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	149	1	149	0	149	149	0	151	1	151	0	151	1	151	0	151	1	151
	Left-Through		0							0				0				0	
	Through	969	1	526	16	985	534	70	1051	1	572	16	1067	1	580	0	1067	1	580
	Through-Right		1							1				1				1	
	Right	83	0	83	0	83	83	9	93	0	93	0	93	0	93	0	93	0	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	108	1	108	0	108	108	0	109	1	109	0	109	1	109	0	109	1	109
	Left-Through		0							0				0				0	
	Through	752	1	402	69	821	437	96	857	1	455	69	926	1	490	0	926	1	490
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		433	North-South:		433	North-South:			453	North-South:			453	North-South:			453
		East-West:		634	East-West:		642	East-West:			681	East-West:			689	East-West:			689
		SUM:		1067	SUM:		1075	SUM:			1134	SUM:			1142	SUM:			1142
VOLUME/CAPACITY (V/C) RATIO:				0.749			0.754				0.796				0.801				0.801
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.649			0.654				0.696				0.701				0.701
LEVEL OF SERVICE (LOS):				B			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.005 Δv/c after mitigation: 0.005

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	63	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/28/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3		
	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	198	1	198	0	198	198	10	210	1	210	0	210	1	210	0	210	1	210
	Left-Through		0							0				0				0	
	Through	1339	2	470	44	1383	485	531	1886	2	655	44	1930	2	669	0	1930	2	669
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	6	78	0	78	0	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	141	1	141	0	141	141	8	151	1	151	0	151	1	151	0	151	1	151
	Left-Through		0							0				0				0	
	Through	979	2	490	7	986	493	132	1123	2	562	7	1130	2	565	0	1130	2	565
	Through-Right		0							0				0				0	
	Right	127	1	0	0	127	0	5	134	1	0	0	134	1	0	0	134	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	129	1	129	0	129	129	5	136	1	136	0	136	1	136	0	136	1	136
	Left-Through		0							0				0				0	
	Through	507	1	507	0	507	507	13	526	1	526	0	526	1	526	0	526	1	526
	Through-Right		0							0				0				0	
	Right	215	1	116	0	215	116	7	225	1	120	0	225	1	120	0	225	1	120
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	137	1	137	0	137	137	62	201	1	201	0	201	1	201	0	201	1	201
	Left-Through		0							0				0				0	
	Through	722	2	361	0	722	361	11	742	2	371	0	742	2	371	0	742	2	371
	Through-Right		0							0				0				0	
	Right	306	1	165	26	332	191	54	364	1	213	26	390	1	239	0	390	1	239
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		688	North-South:		691	North-South:			806	North-South:			820	North-South:			820
		East-West:		644	East-West:		644	East-West:			727	East-West:			727	East-West:			727
		SUM:		1332	SUM:		1335	SUM:			1533	SUM:			1547	SUM:			1547
VOLUME/CAPACITY (V/C) RATIO:				0.969			0.971				1.115				1.125				1.125
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.869			0.871				1.015				1.025				1.025
LEVEL OF SERVICE (LOS):				D			D				F				F				F

PROJECT IMPACT

Change in v/c due to project: 0.010 Δv/c after mitigation: 0.010

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	64	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	2	WB-- 0	EB--	2	WB-- 0	EB--	2	WB-- 0	EB--	2	WB-- 0	EB--	2	WB-- 0	EB--	2	WB-- 0	EB--	2	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	40	1	40	0	40	40	0	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	1368	2	491	58	1426	510	538	1922	2	685	58	1980	2	704	0	1980	2	704
	Through-Right		1							1				1				1	
	Right	105	0	105	0	105	105	27	133	0	133	0	133	0	133	0	133	0	133
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	602	1	527	0	602	527	27	636	1	547	0	636	1	547	0	636	1	547
	Through-Right		1							1				1				1	
	Right	452	0	452	0	452	452	0	457	0	457	0	457	0	457	0	457	0	457
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	139	1	139	0	139	139	0	141	1	141	0	141	1	141	0	141	1	141
	Left-Through		0							0				0				0	
	Through	1317	2	439	26	1343	498	99	1432	2	477	26	1458	2	486	0	1458	2	486
	Through-Right		1							1				1				1	
	Right	0	0	0	151	151	151	15	15	1	0	151	166	1	146	0	166	1	146
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		491	North-South:		510	North-South:			685	North-South:			704	North-South:			704
		East-West:		666	East-West:		666	East-West:			688	East-West:			688	East-West:			688
		SUM:		1157	SUM:		1176	SUM:			1373	SUM:			1392	SUM:			1392
VOLUME/CAPACITY (V/C) RATIO:				0.771			0.784				0.999				1.012				1.012
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.671			0.684				0.899				0.912				0.912
LEVEL OF SERVICE (LOS):				B			B				D				E				E

PROJECT IMPACT

Change in v/c due to project: 0.013 Δv/c after mitigation: 0.013

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	I-110 NB Off General	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/1/2012
65	East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	EB--	SB--	WB--
No. of Phases				
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				
Right Turns: FREE-1, NRTOR-2 or OLA-3?	2	0		
ATSAC-1 or ATSAC+ATCS-2?				
Override Capacity				

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	313	1	**284**	26	339	339	31	348	1	**341**	26	374	1	374	0	374	1	374
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	254	0	284	188	442	**442**	77	334	0	341	188	522	0	**522**	0	522	0	**522**
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				0	
SOUTHBOUND	Left	345	1	**242**	151	496	496	15	364	2	200	151	515	2	283	0	515	2	283
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	139	0	242	413	552	**552**	115	256	1	**256**	413	669	1	**669**	0	669	1	**669**
	Left-Through-Right		0							0				0				0	
	Left-Right		1																
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	415	2	208	0	415	208	142	562	2	281	0	562	2	281	0	562	2	281
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	511	2	**256**	0	511	**256**	68	585	2	**293**	0	585	2	**293**	0	585	2	**293**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		526	*North-South:*		994	*North-South:*			597	*North-South:*			1191	*North-South:*			1191
		East-West:		256	*East-West:*		256	*East-West:*			293	*East-West:*			293	*East-West:*			293
		SUM:		782	*SUM:*		1250	*SUM:*			890	*SUM:*			1484	*SUM:*			1484
VOLUME/CAPACITY (*V/C*) RATIO:				0.549			0.877				0.625				1.041				1.041
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.449			0.777				0.525				0.941				0.941
LEVEL OF SERVICE (LOS):				A			C				A				E				E

PROJECT IMPACT

Change in *v/c* due to project: 0.416 | *Δv/c* after mitigation: 0.416

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
66	East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	EB--	SB--	WB--
No. of Phases				
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0		
ATSAC-1 or ATSAC+ATCS-2?				
Override Capacity				

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	46	1	**46**	0	46	46	0	47	1	**47**	0	47	1	**47**	0	47	1	**47**
	Left-Through		0							0				0				0	
	Through	302	1	302	37	339	**339**	0	306	1	306	37	343	1	343	0	343	1	343
	Through-Right		0							0				0				0	
	Right	80	1	40	0	80	40	0	81	1	41	0	81	1	41	0	81	1	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	73	1	73	0	73	**73**	0	74	1	74	0	74	1	74	0	74	1	74
	Left-Through		0							0				0				0	
	Through	657	1	**354**	0	657	354	205	870	1	**461**	0	870	1	**461**	0	870	1	**461**
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	156	1	156	72	228	228	0	158	1	158	72	230	1	230	0	230	1	230
	Left-Through		0							0				0				0	
	Through	782	1	**416**	529	1311	**681**	219	1010	1	**531**	529	1539	1	**795**	0	1539	1	**795**
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	80	1	**80**	0	80	**80**	0	81	1	**81**	0	81	1	**81**	0	81	1	**81**
	Left-Through		0							0				0				0	
	Through	403	1	237	0	403	237	68	476	1	274	0	476	1	274	0	476	1	274
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	0	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		400	*North-South:*		412	*North-South:*			508	*North-South:*			508	*North-South:*			508
		East-West:		496	*East-West:*		761	*East-West:*			612	*East-West:*			876	*East-West:*			876
		SUM:		896	*SUM:*		1173	*SUM:*			1120	*SUM:*			1384	*SUM:*			1384
VOLUME/CAPACITY (*V/C*) RATIO:				0.597			0.782				0.747				0.923				0.923
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.497			0.682				0.647				0.823				0.823
LEVEL OF SERVICE (LOS):				A			B				B				D				D

PROJECT IMPACT

Change in *v/c* due to project: 0.176 | *Δv/c* after mitigation: 0.176

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
67	East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	EB--	SB--	WB--
No. of Phases				
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0		
ATSAC-1 or ATSAC+ATCS-2?				
Override Capacity				

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	20	1	**20**	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	506	1	297	297	803	**445**	196	708	1	**398**	297	1005	1	**547**	0	1005	1	**547**
	Through-Right		1							1				1				1	
	Right	87	0	87	0	87	87	0	88	0	88	0	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	67	1	67	0	67	**67**	0	68	1	**68**	0	68	1	**68**	0	68	1	**68**
	Left-Through		0							0				0				0	
	Through	623	1	**345**	0	623	345	121	752	1	414	0	752	1	414	0	752	1	414
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	7	75	0	75	0	75	0	75	0	75	0	75
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	135	1	135	422	557	**557**	127	264	1	**264**	422	686	1	**686**	0	686	1	**686**
	Left-Through		0							0				0				0	
	Through	749	1	**393**	107	856	446	92	850	1	443	107	957	1	497	0	957	1	497
	Through-Right		1							1				1				1	
	Right	36	0	36	0	36	36	0	36	0	36	0	36	0	36	0	36	0	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	42	1	**42**	0	42	42	0	43	1	43	0	43	1	43	0	43	1	43
	Left-Through		0							0				0				0	
	Through	465	1	264	0	465	**264**	62	533	1	**298**	0	533	1	**298**	0	533	1	**298**
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		365	*North-South:*		512	*North-South:*			466	*North-South:*			615	*North-South:*			615
		East-West:		435	*East-West:*		821	*East-West:*			562	*East-West:*			984	*East-West:*			984
		SUM:		800	*SUM:*		1333	*SUM:*			1028	*SUM:*			1599	*SUM:*			1599
VOLUME/CAPACITY (*V/C*) RATIO:				0.533			0.889				0.685				1.066				1.066
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.433			0.789				0.585				0.966				0.966
LEVEL OF SERVICE (LOS):				A			C				A				E				E

PROJECT IMPACT

Change in *v/c* due to project: 0.381 | *Δv/c* after mitigation: 0.381

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
68	East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	EB--	SB--	WB--
No. of Phases				
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0		
ATSAC-1 or ATSAC+ATCS-2?				
Override Capacity				

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	51	1	**51**	0	51	**51**	3	55	1	**55**	0	55	1	**55**	0	55	1	**55**
	Left-Through		0							0				0				0	
	Through	519	1	287	0	519	287	129	654	1	355	0	654	1	355	0	654	1	355
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	812	1	**430**	0	812	**430**	93	915	1	**488**	0	915	1	**488**	0	915	1	**488**
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	12	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	93	1	93	107	200	200	6	100	1	100	107	207	1	207	0	207	1	207
	Left-Through		0							0				0				0	
	Through	796	1	**434**	0	796	**434**	85	891	1	**482**	0	891	1	**482**	0	891	1	**482**
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	1	73	0	73	0	73	0	73	0	73	0	73
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	54	1	**54**	0	54	**54**	0	55	1	**55**	0	55	1	**55**	0	55	1	**55**
	Left-Through		0							0				0				0	
	Through	516	1	268	0	516	268	47	569	1	294	0	569	1	294	0	569	1	294
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		481	*North-South:*		481	*North-South:*			543	*North-South:*			543	*North-South:*			543
		East-West:		488	*East-West:*		488	*East-West:*			537	*East-West:*			537	*East-West:*			537
		SUM:		969	*SUM:*		969	*SUM:*			1080	*SUM:*			1080	*SUM:*			1080
VOLUME/CAPACITY (*V/C*) RATIO:				0.646			0.646				0.720				0.720				0.720
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.546			0.546				0.620				0.620				0.620
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in *v/c* due to project: 0.000 | *Δv/c* after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
69	East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	48	1	**48**	0	48	**48**	0	49	1	**49**	0	49	1	**49**	0	49	1	**49**
	Left-Through		0							0				0				0	
	Through	761	1	424	0	761	424	190	960	1	524	0	960	1	524	0	960	1	524
	Through-Right		1							1				1				1	
	Right	87	0	87	0	87	87	0	88	0	88	0	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	70	1	70	0	70	70	0	71	1	71	0	71	1	71	0	71	1	71
	Left-Through		0							0				0				0	
	Through	979	1	**519**	0	979	**519**	167	1158	1	**611**	0	1158	1	**611**	0	1158	1	**611**
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	4	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	162	1	162	0	162	162	21	185	1	185	0	185	1	185	0	185	1	185
	Left-Through		0							0				0				0	
	Through	656	1	**360**	0	656	**360**	64	728	1	**396**	0	728	1	**396**	0	728	1	**396**
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	0	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	86	1	**86**	0	86	**86**	0	87	1	**87**	0	87	1	**87**	0	87	1	**87**
	Left-Through		0							0				0				0	
	Through	435	1	237	0	435	237	43	483	1	261	0	483	1	261	0	483	1	261
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	0	38	0	38	0	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		567	*North-South:*		567	*North-South:*			660	*North-South:*			660	*North-South:*			660
		East-West:		446	*East-West:*		446	*East-West:*			483	*East-West:*			483	*East-West:*			483
		SUM:		1013	*SUM:*		1013	*SUM:*			1143	*SUM:*			1143	*SUM:*			1143
	VOLUME/CAPACITY (*V/C*) RATIO:			0.737			0.737				0.831				0.831				0.831
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.637**			**0.637**				**0.731**				**0.731**				**0.731**
	LEVEL OF SERVICE (LOS):			**B**			**B**				**C**				**C**				**C**

	No. of Phases			4			4			4				4				4	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	
	ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2	
	Override Capacity			0			0			0				0				0	

PROJECT IMPACT

Change in *v/c* due to project: 0.000 | *Δv/c* after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
70	East-West Street:	Jefferson	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	83	1	83	0	83	83	6	90	1	90	0	90	1	90	0	90	1	90
	Left-Through		0							0				0				0	
	Through	492	2	**174**	22	514	**181**	418	916	2	**333**	22	938	2	**340**	0	938	2	**340**
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	53	83	0	83	0	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	638	2	319	0	638	319	120	766	2	383	0	766	2	383	0	766	2	383
	Through-Right		0							0				0				0	
	Right	311	1	311	0	311	311	38	353	1	353	0	353	1	353	0	353	1	353
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	148	1	148	0	148	148	0	150	1	150	0	150	1	150	0	150	1	150
	Left-Through		0							0				0				0	
	Through	968	2	**484**	0	968	**484**	119	1099	2	**550**	0	1099	2	**550**	0	1099	2	**550**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		174	*North-South:*		181	*North-South:*			333	*North-South:*			340	*North-South:*			340
		East-West:		484	*East-West:*		484	*East-West:*			550	*East-West:*			550	*East-West:*			550
		SUM:		658	*SUM:*		665	*SUM:*			883	*SUM:*			890	*SUM:*			890
	VOLUME/CAPACITY (*V/C*) RATIO:			0.462			0.467				0.642				0.647				0.647
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.362**			**0.367**				**0.542**				**0.547**				**0.547**
	LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**A**

	No. of Phases			3			3			4				4				4	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	
	ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2	
	Override Capacity			0			0			0				0				0	

PROJECT IMPACT

Change in *v/c* due to project: 0.005 | *Δv/c* after mitigation: 0.005

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/28/2011
71	East-West Street:	Exposition	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	156	1	**156**	0	156	**156**	0	158	1	**158**	0	158	1	**158**	0	158	1	**158**
	Left-Through		0							0				0				0	
	Through	847	3	220	33	880	228	444	1301	3	**335**	33	1334	3	**344**	0	1334	3	**344**
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	7	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	249	1	249	0	249	249	81	333	1	**333**	0	333	1	**333**	0	333	1	**333**
	Left-Through		0							0				0				0	
	Through	809	2	**405**	7	816	**408**	90	909	1	455	7	916	1	458	0	916	1	458
	Through-Right		0							1				1				1	
	Right	212	1	74	0	212	74	0	215	1	76	0	215	1	76	0	215	1	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	250	2	**138**	0	250	**138**	0	253	2	**139**	0	253	2	**139**	0	253	2	**139**
	Left-Through		0							0				0				0	
	Through	539	3	180	0	539	180	16	562	3	187	0	562	3	187	0	562	3	187
	Through-Right		0							0				0				0	
	Right	232	1	0	0	232	0	0	235	1	0	0	235	1	0	0	235	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	1	24	0	24	24	7	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	596	2	**298**	0	596	**298**	25	628	2	**314**	0	628	2	**314**	0	628	2	**314**
	Through-Right		0							0				0				0	
	Right	340	1	216	11	351	227	34	378	1	212	11	389	1	223	0	389	1	223
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		561	*North-South:*		564	*North-South:*			668	*North-South:*			677	*North-South:*			677
		East-West:		436	*East-West:*		436	*East-West:*			453	*East-West:*			453	*East-West:*			453
		SUM:		997	*SUM:*		1000	*SUM:*			1121	*SUM:*			1130	*SUM:*			1130
	VOLUME/CAPACITY (*V/C*) RATIO:			0.725			0.727				0.815				0.822				0.822
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.625**			**0.627**				**0.715**				**0.722**				**0.722**
	LEVEL OF SERVICE (LOS):			**B**			**B**				**C**				**C**				**C**

	No. of Phases			4			4			4				4				4	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	3	NB-- 0	SB--	3	NB-- 0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	
		EB-- 1	WB--	0	EB-- 1	WB--	0	EB-- 1	WB--	0	EB--	1	WB--	0	EB--	1	WB--	0	
	ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2	
	Override Capacity			0			0			0				0				0	

PROJECT IMPACT

Change in *v/c* due to project: 0.007 | *Δv/c* after mitigation: 0.007

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/28/2011
72	East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	169	2	**93**	0	169	**93**	0	171	2	**94**	0	171	2	**94**	0	171	2	**94**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	828	2	**455**	0	828	**455**	38	876	2	**482**	0	876	2	**482**	0	876	2	**482**
	Left-Through		0							0				0				0	
	Through	296	2	148	22	318	159	408	708	2	354	22	730	2	365	0	730	2	365
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	763	4	**162**	0	763	**162**	105	877	4	**185**	0	877	4	**185**	0	877	4	**185**
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		548	*North-South:*		548	*North-South:*			576	*North-South:*			576	*North-South:*			576
		East-West:		162	*East-West:*		162	*East-West:*			185	*East-West:*			185	*East-West:*			185
		SUM:		710	*SUM:*		710	*SUM:*			761	*SUM:*			761	*SUM:*			761
	VOLUME/CAPACITY (*V/C*) RATIO:			0.498			0.498				0.534				0.534				0.534
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.398**			**0.398**				**0.434**				**0.434**				**0.434**
	LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**A**

	No. of Phases			3			3			3				3				3	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	
	ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2	
	Override Capacity			0			0			0				0				0	

PROJECT IMPACT

Change in *v/c* due to project: 0.000 | *Δv/c* after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
73	I-110 NB Off- Ramp	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	37th Street	2017			LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	886	2	371	11	897	403	47	944	2	391	11	955	2	423	0	955	2	423
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	227	0	227	84	311	311	0	230	0	230	84	314	0	314	0	314	0	314
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	456	2	251	0	456	251	56	517	2	284	0	517	2	284	0	517	2	284
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	206	2	103	0	206	103	1	209	2	105	0	209	2	105	0	209	2	105
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	192	1	192	0	192	192	2	196	1	196	0	196	1	196	0	196	1	196
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		371	North-South:		403	North-South:			391	North-South:			423	North-South:			423
	East-West:		443	East-West:		443	East-West:			480	East-West:			480	East-West:			480
	SUM:		814	SUM:		846	SUM:			871	SUM:			903	SUM:			903
VOLUME/CAPACITY (V/C) RATIO:			0.571			0.594				0.611				0.634				0.634
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.471			0.494				0.511				0.534				0.534
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.023 — Δv/c after mitigation: 0.023

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
74	Hill	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	37th Street	2017			LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	19	1	19	0	19	19	0	19	1	19	0	19	1	19	0	19	1	19
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	294	1	154	225	519	267	196	494	1	254	225	719	1	367	0	719	1	367
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	552	1	294	0	552	294	120	679	1	357	0	679	1	357	0	679	1	357
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	117	0	117	72	189	189	0	118	0	118	72	190	0	190	0	190	0	190
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	90	0	207	0	90	279	1	92	0	210	0	92	0	282	0	92	0	282
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	54	1	45	0	54	45	0	55	1	46	0	55	1	46	0	55	1	46
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	25	0	52	0	25	52	2	27	0	54	0	27	0	54	0	27	0	54
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	21	0	0	0	21	0	0	21	0	0	0	21	0	0	0	21	0	0
WESTBOUND Left-Through-Right		1							1				1				1	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		313	North-South:		313	North-South:			376	North-South:			392	North-South:			392
	East-West:		213	East-West:		285	East-West:			216	East-West:			288	East-West:			288
	SUM:		526	SUM:		598	SUM:			592	SUM:			680	SUM:			680
VOLUME/CAPACITY (V/C) RATIO:			0.351			0.399				0.395				0.453				0.453
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.251			0.299				0.295				0.353				0.353
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.058 — Δv/c after mitigation: 0.058

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
75	Broadway	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	37th	2017			LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	19	1	19	0	19	19	2	21	1	21	0	21	1	21	0	21	1	21
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	519	1	264	0	519	264	135	660	1	334	0	660	1	334	0	660	1	334
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	4	1	4	0	4	4	0	4	1	4	0	4	1	4	0	4	1	4
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1047	1	531	0	1047	531	103	1163	1	589	0	1163	1	589	0	1163	1	589
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	61	0	61	0	61	61	0	62	0	62	0	62	0	62	0	62	0	62
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	30	0	161	0	30	161	0	30	0	164	0	30	0	164	0	30	0	164
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	70	0	0	0	70	0	1	72	0	0	0	72	0	0	0	72	0	0
EASTBOUND Left-Through-Right		1							1				1				1	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	4	0	17	0	4	17	0	4	0	17	0	4	0	17	0	4	0	17
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	10	0	0	0	10	0	0	10	0	0	0	10	0	0	0	10	0	0
WESTBOUND Left-Through-Right		1							1				1				1	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		550	North-South:		550	North-South:			610	North-South:			610	North-South:			610
	East-West:		164	East-West:		164	East-West:			167	East-West:			167	East-West:			167
	SUM:		714	SUM:		714	SUM:			777	SUM:			777	SUM:			777
VOLUME/CAPACITY (V/C) RATIO:			0.476			0.476				0.518				0.518				0.518
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.376			0.376				0.418				0.418				0.418
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
76	Figueroa	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	39th	2017			LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	25	2	14	0	25	14	0	25	2	14	0	25	2	14	0	25	2	14
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	618	2	241	11	629	245	434	1059	2	388	11	1070	2	392	0	1070	2	392
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	105	0	105	0	105	105	0	106	0	106	0	106	0	106	0	106	0	106
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	177	2	97	0	177	97	19	198	2	109	0	198	2	109	0	198	2	109
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1252	2	419	7	1259	421	76	1343	2	449	7	1350	2	451	0	1350	2	451
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	97	1	53	0	97	53	0	98	1	54	0	98	1	54	0	98	1	54
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	30	0	47	0	30	47	0	30	0	47	0	30	0	47	0	30	0	47
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	437	1	240	0	437	240	0	442	1	243	0	442	1	243	0	442	1	243
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	22	0	294	0	22	317	0	22	0	313	0	22	0	336	0	22	0	336
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	272	0	272	23	295	295	16	291	0	291	23	314	0	314	0	314	0	314
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		433	North-South:		435	North-South:			497	North-South:			501	North-South:			501
	East-West:		347	East-West:		370	East-West:			367	East-West:			390	East-West:			390
	SUM:		780	SUM:		805	SUM:			864	SUM:			891	SUM:			891
VOLUME/CAPACITY (V/C) RATIO:			0.567			0.585				0.628				0.648				0.648
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.467			0.485				0.528				0.548				0.548
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.020 — Δv/c after mitigation: 0.020

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	I-110 SB HOV Off Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
77	East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2			2
Override Capacity			0			0			0				0				0				0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	218	0	218	23	241	241	16	237	0	237	23	260	0	260	0	260	0	260
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	120	0	338	165	285	526	0	121	0	358	165	286	0	546	0	286	0	546
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	116	2	58	0	116	58	0	117	2	59	0	117	2	59	0	117	2	59
	Through-Right		0							0				0				0	
	Right	284	1	284	22	306	306	19	306	1	306	22	328	1	328	0	328	1	328
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	227	1	227	0	227	227	0	230	1	230	0	230	1	230	0	230	1	230
	Left-Through		0							0				0				0	
	Through	422	2	211	0	422	211	0	427	2	214	0	427	2	214	0	427	2	214
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		338	North-South:		526	North-South:			358	North-South:			546	North-South:			546
		East-West:		511	East-West:		533	East-West:			536	East-West:			558	East-West:			558
		SUM:		849	SUM:		1059	SUM:			894	SUM:			1104	SUM:			1104
VOLUME/CAPACITY (V/C) RATIO:				0.566			0.706				0.596				0.736				0.736
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.466			0.606				0.496				0.636				0.636
LEVEL OF SERVICE (LOS):				A			B				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.140 Δv/c after mitigation: 0.140

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
78	East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4				4				4				4				4				4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0				1				0				0				0				1
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--	0	NB-- 3	SB--	0	NB--	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2			2
Override Capacity			0			0			0				0				0				0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	121	1	121	0	121	121	2	124	1	124	0	124	1	124	0	124	1	124
	Left-Through		0							0				0				0	
	Through	417	3	139	0	417	139	408	830	3	277	0	830	3	277	0	830	3	277
	Through-Right		0							0				0				0	
	Right	116	1	0	0	116	0	2	119	1	0	0	119	1	0	0	119	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	171	1	171	7	178	178	26	199	1	199	7	206	1	206	0	206	1	206
	Left-Through		0							0				0				0	
	Through	1100	2	482	0	1100	482	48	1161	2	387	0	1161	2	387	0	1161	2	387
	Through-Right		1							1				1				1	
	Right	347	0	347	0	347	347	1	352	1	270	0	352	1	270	0	352	1	270
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	160	1	160	0	160	160	2	164	1	164	0	164	1	164	0	164	1	164
	Left-Through		0							0				0				0	
	Through	1125	2	415	0	1125	415	2	1141	2	422	0	1141	2	422	0	1141	2	422
	Through-Right		1							1				1				1	
	Right	121	0	121	0	121	121	2	124	0	124	0	124	0	124	0	124	0	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	274	1	274	0	274	274	11	288	1	288	0	288	1	288	0	288	1	288
	Left-Through		0							0				0				0	
	Through	1369	2	481	0	1369	485	4	1390	2	497	0	1390	2	500	0	1390	2	500
	Through-Right		1							1				1				1	
	Right	75	0	75	11	86	86	24	100	0	100	11	111	0	111	0	111	0	111
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		603	North-South:		603	North-South:			511	North-South:			511	North-South:			511
		East-West:		689	East-West:		689	East-West:			710	East-West:			710	East-West:			710
		SUM:		1292	SUM:		1292	SUM:			1221	SUM:			1221	SUM:			1221
VOLUME/CAPACITY (V/C) RATIO:				0.940			0.940				0.888				0.888				0.888
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.840			0.840				0.788				0.788				0.788
LEVEL OF SERVICE (LOS):				D			D				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	I-110 SB Ramps	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
79	East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2			2
Override Capacity			0			0			0				0				0				0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	233	1	233	0	233	233	0	236	1	236	0	236	1	236	0	236	1	236
	Left-Through		0							0				0				0	
	Through	90	0	336	0	90	336	0	91	0	344	0	91	0	344	0	91	0	344
	Through-Right		0							0				0				0	
	Right	581	1	0	0	581	0	9	597	1	0	0	597	1	0	0	597	1	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	855	2	428	0	855	428	30	895	2	448	0	895	2	448	0	895	2	448
	Through-Right		1							1				1				1	
	Right	552	0	552	7	559	559	0	559	0	559	7	566	0	566	0	566	0	566
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	350	1	350	0	350	350	0	354	1	354	0	354	1	354	0	354	1	354
	Left-Through		0							0				0				0	
	Through	1174	3	391	11	1185	395	30	1218	3	406	11	1229	3	410	0	1229	3	410
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		336	North-South:		336	North-South:			344	North-South:			344	North-South:			344
		East-West:		902	East-West:		909	East-West:			913	East-West:			920	East-West:			920
		SUM:		1238	SUM:		1245	SUM:			1257	SUM:			1264	SUM:			1264
VOLUME/CAPACITY (V/C) RATIO:				0.825			0.830				0.838				0.843				0.843
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.725			0.730				0.738				0.743				0.743
LEVEL OF SERVICE (LOS):				C			C				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.005 Δv/c after mitigation: 0.005

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	I-110 NB Ramps/Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/20/2012
80	East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4				4				4				4				4				4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			1				1				0				0				1				1
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2			2
Override Capacity			0			0			0				0				0				0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	339	1	335	11	350	350	0	343	1	343	11	354	1	354	0	354	1	354
	Left-Through		0							0				0				0	
	Through	82	0	335	85	167	415	196	279	0	530	85	364	0	615	0	364	0	615
	Through-Right		0							0				0				0	
	Right	248	0	0	0	248	0	0	251	0	0	0	251	0	0	0	251	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	163	1	163	0	163	163	0	165	1	165	0	165	1	165	0	165	1	165
	Left-Through		0							0				0				0	
	Through	14	1	14	0	14	14	120	134	1	134	0	134	1	134	0	134	1	134
	Through-Right		0							0				0				0	
	Right	291	1	241	0	291	241	0	295	1	244	0	295	1	244	0	295	1	244
	Left-Through-Right		1							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	101	1	101	0	101	101	0	102	1	102	0	102	1	102	0	102	1	102
	Left-Through		0							0				0				0	
	Through	861	2	337	0	861	337	30	901	2	351	0	901	2	351	0	901	2	351
	Through-Right		1							1				1				1	
	Right	149	0	149	0	149	149	0	151	0	151	0	151	0	151	0	151	0	151
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	915	2	326	0	915	326	30	956	2	340	0	956	2	340	0	956	2	340
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	0	65	0	65	0	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		576	North-South:		656	North-South:			774	North-South:			859	North-South:			859
		East-West:		427	East-West:		427	East-West:			442	East-West:			442	East-West:			442
		SUM:		1003	SUM:		1083	SUM:			1216	SUM:			1301	SUM:			1301
VOLUME/CAPACITY (V/C) RATIO:				0.729			0.788				0.884				0.946				0.946
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.629			0.688				0.784				0.846				0.846
LEVEL OF SERVICE (LOS):				B			B				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.062 Δv/c after mitigation: 0.062

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	81	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	James Wood	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	314	1	314	69	383	383	214	532	1	532	70	602	1	602	0	602	1	602
	Through-Right		0							0				1				1	
	Right	51	1	51	0	51	51	25	77	1	77	0	77	1	77	0	77	1	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	196	0	196	0	196	196	24	222	0	222	0	222	0	222	0	222	0	222
	Left-Through		1							1				1				1	
	Through	825	1	349	326	1151	458	526	1361	1	536	319	1680	1	643	0	1680	1	643
	Through-Right		1							1				1				1	
	Right	26	0	349	0	26	458	0	26	0	536	0	26	0	643	0	26	0	643
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		314	North-South:		383	North-South:			532	North-South:			602	North-South:			602
		East-West:		349	East-West:		458	East-West:			536	East-West:			643	East-West:			643
		SUM:		663	SUM:		841	SUM:			1068	SUM:			1245	SUM:			1245
VOLUME/CAPACITY (V/C) RATIO:				0.442			0.561				0.712				0.830				0.830
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.342			0.461				0.612				0.730				0.730
LEVEL OF SERVICE (LOS):				A			A				B				C				C

No. of Phases	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB-- 0 / EB-- 0 WB-- 0	NB-- 0 SB-- 0 / EB-- 0 WB-- 0	NB-- 0 SB-- 0 / EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2
Override Capacity	0	0	0

PROJECT IMPACT

Change in v/c due to project: 0.118 — Δv/c after mitigation: 0.118

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	82	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	145	1	145	0	145	145	261	408	1	408	0	408	1	408	0	408	1	408
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	330	0	330	50	380	380	89	423	1	423	50	473	1	473	0	473	1	473
	Left-Through		1							1				1				1	
	Through	1356	3	422	514	1870	563	904	2276	4	455	507	2783	4	557	0	2783	4	557
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		145	North-South:		145	North-South:			408	North-South:			408	North-South:			408
		East-West:		422	East-West:		563	East-West:			455	East-West:			557	East-West:			557
		SUM:		567	SUM:		708	SUM:			863	SUM:			965	SUM:			965
VOLUME/CAPACITY (V/C) RATIO:				0.378			0.472				0.575				0.643				0.643
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.278			0.372				0.475				0.543				0.543
LEVEL OF SERVICE (LOS):				A			A				A				A				A

No. of Phases	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB-- 0 / EB-- 0 WB-- 0	NB-- 0 SB-- 0 / EB-- 0 WB-- 0	NB-- 0 SB-- 0 / EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2
Override Capacity	0	0	0

PROJECT IMPACT

Change in v/c due to project: 0.068 — Δv/c after mitigation: 0.068

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	83	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1595	3	444	215	1810	499	567	2181	3	606	262	2443	3	674	0	2443	3	674
	Through-Right		1							1				1				1	
	Right	179	0	179	8	187	187	63	244	0	244	8	252	0	252	0	252	0	252
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	375	1	297	373	748	400	125	505	1	505	366	871	1	635	0	871	1	635
	Left-Through		1							1				1				1	
	Through	1111	3	297	141	1252	400	1041	2165	3	541	141	2306	3	635	0	2306	3	635
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		444	North-South:		499	North-South:			606	North-South:			674	North-South:			674
		East-West:		297	East-West:		400	East-West:			541	East-West:			635	East-West:			635
		SUM:		741	SUM:		899	SUM:			1147	SUM:			1309	SUM:			1309
VOLUME/CAPACITY (V/C) RATIO:				0.494			0.599				0.765				0.873				0.873
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.394			0.499				0.665				0.773				0.773
LEVEL OF SERVICE (LOS):				A			A				B				C				C

No. of Phases	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB-- 0 / EB-- 0 WB-- 0	NB-- 0 SB-- 0 / EB-- 0 WB-- 0	NB-- 0 SB-- 0 / EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2
Override Capacity	0	0	0

PROJECT IMPACT

Change in v/c due to project: 0.108 — Δv/c after mitigation: 0.108

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	84	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	159	1	159	0	159	159	12	173	1	173	0	173	1	173	0	173	1	173
	Left-Through		0							0				0				0	
	Through	1279	4	320	210	1489	372	532	1826	4	457	210	2036	4	509	0	2036	4	509
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	942	3	288	92	1034	325	846	1799	3	568	92	1891	3	605	0	1891	3	605
	Through-Right		1							1				1				1	
	Right	210	0	210	57	267	267	258	471	0	471	57	528	0	528	0	528	0	528
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		320	North-South:		372	North-South:			457	North-South:			509	North-South:			509
		East-West:		288	East-West:		325	East-West:			568	East-West:			605	East-West:			605
		SUM:		608	SUM:		697	SUM:			1025	SUM:			1114	SUM:			1114
VOLUME/CAPACITY (V/C) RATIO:				0.405			0.465				0.683				0.743				0.743
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.305			0.365				0.583				0.643				0.643
LEVEL OF SERVICE (LOS):				A			A				A				B				B

No. of Phases	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB-- 0 / EB-- 0 WB-- 0	NB-- 0 SB-- 0 / EB-- 0 WB-- 0	NB-- 0 SB-- 0 / EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2
Override Capacity	0	0	0

PROJECT IMPACT

Change in v/c due to project: 0.060 — Δv/c after mitigation: 0.060

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	85	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	536	2	204	1	537	205	127	669	1	374	1	670	1	374	0	670	1	374
	Through-Right		1							1				1				1	
	Right	77	0	77	0	77	77	0	78	0	78	0	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	63	1	63	0	63	63	4	68	1	68	0	68	1	68	0	68	1	68
	Left-Through		0							0				0				0	
	Through	495	2	248	0	495	248	108	609	1	609	0	609	1	609	0	609	1	609
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	128	1	128	0	128	128	86	216	1	216	0	216	1	216	0	216	1	216
	Left-Through		0							0				0				0	
	Through	1088	3	363	16	1104	368	332	1433	3	478	16	1449	3	483	0	1449	3	483
	Through-Right		0							0				0				0	
	Right	75	1	75	0	75	75	99	175	1	175	0	175	1	175	0	175	1	175
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		267		North-South:	268		North-South:		609		North-South:		609		North-South:		609
		East-West:		363		East-West:	368		East-West:		478		East-West:		483		East-West:		483
		SUM:		630		SUM:	636		SUM:		1087		SUM:		1092		SUM:		1092
VOLUME/CAPACITY (V/C) RATIO:				0.420			0.424				0.725				0.728				0.728
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.320			0.324				0.625				0.628				0.628
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.003 | Δv/c after mitigation: 0.003
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	86	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	414	2	207	0	414	207	429	848	2	424	0	848	2	424	0	848	2	424
	Through-Right		0							0				0				0	
	Right	52	1	52	0	52	52	0	53	1	53	0	53	1	53	0	53	1	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	744	2	409	0	744	409	135	888	2	488	40	928	2	510	0	928	2	510
	Left-Through		0							0				0				0	
	Through	869	1	600	0	869	600	191	1070	1	703	0	1070	1	703	0	1070	1	703
	Through-Right		1							1				1				1	
	Right	331	0	331	0	331	331	1	336	0	336	0	336	0	336	0	336	0	336
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		207		North-South:	207		North-South:		424		North-South:		424		North-South:		424
		East-West:		600		East-West:	600		East-West:		703		East-West:		703		East-West:		703
		SUM:		807		SUM:	807		SUM:		1127		SUM:		1127		SUM:		1127
VOLUME/CAPACITY (V/C) RATIO:				0.538			0.538				0.751				0.751				0.751
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.438			0.438				0.651				0.651				0.651
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	87	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	620	2	341	0	620	341	118	745	2	410	0	745	2	410	0	745	2	410
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	97	97	0	0	0	97	0	0	0	97	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	197	197	0	0	0	197	0	0	0	197	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	77	0	77	220	297	297	147	225	0	225	220	445	0	445	0	445	0	445
	Left-Through		1							1				1				1	
	Through	1780	4	371	274	2054	470	408	2209	4	487	350	2559	4	601	0	2559	4	601
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	55	55	0	55	0	55	0	55	0	55	0	55
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		341		North-South:	341		North-South:		410		North-South:		410		North-South:		410
		East-West:		371		East-West:	470		East-West:		487		East-West:		601		East-West:		601
		SUM:		712		SUM:	811		SUM:		897		SUM:		1011		SUM:		1011
VOLUME/CAPACITY (V/C) RATIO:				0.475			0.541				0.598				0.674				0.674
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.375			0.441				0.498				0.574				0.574
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.076 | Δv/c after mitigation: 0.076
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	88	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	279	1	279	195	474	474	233	515	1	515	235	750	1	750	0	750	1	750
	Left-Through		0							0				0				0	
	Through	1913	6	319	171	2084	347	459	2395	6	399	171	2566	6	428	0	2566	6	428
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1554	4	389	299	1853	463	377	1950	4	488	335	2285	4	571	0	2285	4	571
	Through-Right		0							0				0				0	
	Right	291	1	291	224	515	515	17	312	1	312	224	536	1	536	0	536	1	536
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		319		North-South:	474		North-South:		515		North-South:		750		North-South:		750
		East-West:		389		East-West:	515		East-West:		488		East-West:		571		East-West:		571
		SUM:		708		SUM:	989		SUM:		1003		SUM:		1321		SUM:		1321
VOLUME/CAPACITY (V/C) RATIO:				0.472			0.659				0.669				0.881				0.881
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.372			0.559				0.569				0.781				0.781
LEVEL OF SERVICE (LOS):				A			A				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.212 | Δv/c after mitigation: 0.212
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
89	Flower	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	8th	2017			LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1473	4	**368**	342	1815	454	491	1982	4	**496**	342	2324	4	581	0	2324	4	581
	Through-Right		0							0				0				0	
	Right	338	1	338	239	577	**577**	36	378	1	378	239	617	1	**617**	0	617	1	**617**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	131	0	131	37	168	168	53	186	0	186	37	223	0	223	0	223	0	223
	Left-Through		1							1				1				1	
	Through	1359	3	**373**	284	1643	**453**	357	1732	3	**480**	320	2052	3	**569**	0	2052	3	**569**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	368		*North-South:*	577		*North-South:*		496		*North-South:*		617		*North-South:*		617
			East-West:	373		*East-West:*	453		*East-West:*		480		*East-West:*		569		*East-West:*		569
			SUM:	741		*SUM:*	1030		*SUM:*		976		*SUM:*		1186		*SUM:*		1186
	VOLUME/CAPACITY (*V/C*) RATIO:			0.494			0.687				0.651				0.791				0.791
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.394			0.587				0.551				0.691				0.691
	LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in *v/c* due to project: 0.140 — *Δv/c* after mitigation: 0.140

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
90	Hill	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	8th	2017			LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	64	1	**64**	0	64	**64**	5	70	1	**70**	0	70	1	**70**	0	70	1	**70**
	Left-Through		0							0				0				0	
	Through	482	2	241	11	493	247	116	604	2	302	11	615	2	308	0	615	2	308
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	762	2	**381**	124	886	**443**	250	1021	2	**511**	124	1145	2	**573**	0	1145	2	**573**
	Through-Right		0							0				0				0	
	Right	143	1	143	91	234	234	77	222	1	222	91	313	1	313	0	313	1	313
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	74	1	74	52	126	126	63	138	1	138	52	190	1	190	0	190	1	190
	Left-Through		0							0				0				0	
	Through	754	2	**275**	75	829	**301**	376	1139	2	**408**	75	1214	2	**433**	0	1214	2	**433**
	Through-Right		1							1				1				1	
	Right	72	0	72	1	73	73	12	85	0	85	1	86	0	86	0	86	0	86
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	445		*North-South:*	507		*North-South:*		581		*North-South:*		643		*North-South:*		643
			East-West:	408		*East-West:*	275		*East-West:*		408		*East-West:*		433		*East-West:*		433
			SUM:	720		*SUM:*	808		*SUM:*		989		*SUM:*		1076		*SUM:*		1076
	VOLUME/CAPACITY (*V/C*) RATIO:			0.480			0.539				0.659				0.717				0.717
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.380			0.439				0.559				0.617				0.617
	LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in *v/c* due to project: 0.058 — *Δv/c* after mitigation: 0.058

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
91	Broadway	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	8th	2017			LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	76	1	**76**	1	77	**77**	59	136	1	**136**	1	137	1	**137**	0	137	1	**137**
	Left-Through		0							0				0				0	
	Through	598	3	199	0	598	199	154	759	2	380	0	759	2	380	0	759	2	380
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	503	1	**283**	0	503	**283**	112	621	0	**731**	0	621	0	**731**	0	621	0	**731**
	Through-Right		1							1				1				1	
	Right	63	1	63	0	63	63	46	110	0	0	0	110	0	0	0	110	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	60	0	60	0	60	60	0	61	0	61	0	61	0	61	0	61	0	61
	Left-Through		1							1				1				1	
	Through	755	2	**223**	126	881	**255**	346	1110	2	**314**	126	1236	2	**346**	0	1236	2	**346**
	Through-Right		1							1				1				1	
	Right	78	0	223	0	78	255	6	85	0	314	0	85	0	346	0	85	0	346
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	359		*North-South:*	360		*North-South:*		867		*North-South:*		868		*North-South:*		868
			East-West:	223		*East-West:*	255		*East-West:*		314		*East-West:*		346		*East-West:*		346
			SUM:	582		*SUM:*	615		*SUM:*		1181		*SUM:*		1214		*SUM:*		1214
	VOLUME/CAPACITY (*V/C*) RATIO:			0.408			0.432				0.829				0.852				0.852
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.308			0.332				0.729				0.752				0.752
	LEVEL OF SERVICE (LOS):			A			A				C				C				C

PROJECT IMPACT

Change in *v/c* due to project: 0.023 — *Δv/c* after mitigation: 0.023

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
92	Bixel	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	Wilshire	2017			LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	62	1	**62**	0	62	**62**	0	63	1	**63**	0	63	1	**63**	0	63	1	**63**
	Left-Through		0							0				0				0	
	Through	181	1	181	0	181	181	18	201	1	201	0	201	1	201	0	201	1	201
	Through-Right		0							0				0				0	
	Right	119	1	83	0	119	83	0	120	1	81	0	120	1	81	0	120	1	81
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	77	1	77	0	77	77	0	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	272	1	**272**	0	272	**272**	39	314	1	**314**	0	314	1	**314**	0	314	1	**314**
	Through-Right		0							0				0				0	
	Right	90	1	56	0	90	56	16	107	1	51	0	107	1	51	0	107	1	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	68	1	68	0	68	68	44	113	1	**113**	0	113	1	113	0	113	1	113
	Left-Through		0							0				0				0	
	Through	793	2	**397**	165	958	**479**	143	946	2	473	165	1111	2	**556**	0	1111	2	**556**
	Through-Right		0							0				0				0	
	Right	78	1	47	0	78	47	55	134	1	103	0	134	1	103	0	134	1	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	72	1	**72**	0	72	**72**	6	79	1	79	0	79	1	**79**	0	79	1	**79**
	Left-Through		0							0				0				0	
	Through	742	2	371	5	747	374	220	971	2	**486**	5	976	2	488	0	976	2	488
	Through-Right		0							0				0				0	
	Right	57	1	19	0	57	19	36	94	1	55	0	94	1	55	0	94	1	55
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	334		*North-South:*	334		*North-South:*		377		*North-South:*		377		*North-South:*		377
			East-West:	469		*East-West:*	551		*East-West:*		599		*East-West:*		635		*East-West:*		635
			SUM:	803		*SUM:*	885		*SUM:*		976		*SUM:*		1012		*SUM:*		1012
	VOLUME/CAPACITY (*V/C*) RATIO:			0.535			0.590				0.651				0.675				0.675
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.465			0.520				0.551				0.575				0.575
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.024 — *Δv/c* after mitigation: 0.024

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
93	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	143	0	143	5	148	148	78	223	0	223	5	228	0	228	0	228	0	228
	Left-Through		1							1				1				1	
	Through	2149	3	471	20	2169	491	458	2633	3	584	20	2653	3	604	0	2653	3	604
	Through-Right		1							1				1				1	
	Right	62	0	471	77	139	491	0	63	0	584	77	140	0	604	0	140	0	604
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	493	2	271	0	493	271	382	881	2	485	0	881	2	485	0	881	2	485
	Left-Through		0							0				0				0	
	Through	616	2	308	165	781	391	184	807	2	404	165	972	2	486	0	972	2	486
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	347	2	174	0	347	174	140	491	2	246	0	491	2	246	0	491	2	246
	Through-Right		0							0				0				0	
	Right	330	1	330	0	330	330	0	334	1	334	0	334	1	334	0	334	1	334
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		471	North-South:		491	North-South:			584	North-South:			604	North-South:			604
		East-West:		601	East-West:		601	East-West:			819	East-West:			819	East-West:			819
		SUM:		1072	SUM:		1092	SUM:			1403	SUM:			1423	SUM:			1423
VOLUME/CAPACITY (V/C) RATIO:				0.752			0.766				0.985				0.999				0.999
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.682			0.696				0.885				0.899				0.899
LEVEL OF SERVICE (LOS):				B			B				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.014 — Δv/c after mitigation: 0.014

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Lucas	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
94	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	28	0	28	0	28	28	10	38	0	38	0	38	0	38	0	38	0	38
	Left-Through		0							0				0				0	
	Through	358	0	482	0	358	482	134	496	0	696	0	496	0	696	0	496	0	696
	Through-Right		0							0				0				0	
	Right	96	0	0	0	96	0	65	162	0	0	0	162	0	0	0	162	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	39	0	39	207	246	246	59	98	0	98	207	305	0	305	0	305	0	305
	Left-Through		0							0				0				0	
	Through	242	0	388	99	341	694	119	364	0	574	99	463	0	880	0	463	0	880
	Through-Right		0							0				0				0	
	Right	107	0	0	0	107	0	4	112	0	0	0	112	0	0	0	112	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	127	1	127	0	127	127	6	135	1	135	0	135	1	135	0	135	1	135
	Left-Through		0							0				0				0	
	Through	793	1	414	0	793	414	336	1139	1	592	0	1139	1	592	0	1139	1	592
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	9	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	62	1	62	0	62	62	5	68	1	68	0	68	1	68	0	68	1	68
	Left-Through		0							0				0				0	
	Through	721	1	404	0	721	404	254	984	1	561	0	984	1	561	0	984	1	561
	Through-Right		1							1				1				1	
	Right	87	0	87	0	87	87	50	138	0	138	0	138	0	138	0	138	0	138
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		521	North-South:		728	North-South:			794	North-South:			1001	North-South:			1001
		East-West:		531	East-West:		531	East-West:			696	East-West:			696	East-West:			696
		SUM:		1052	SUM:		1259	SUM:			1490	SUM:			1697	SUM:			1697
VOLUME/CAPACITY (V/C) RATIO:				0.701			0.839				0.993				1.131				1.131
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.631			0.769				0.893				1.031				1.031
LEVEL OF SERVICE (LOS):				B			C				D				F				F

PROJECT IMPACT

Change in v/c due to project: 0.138 — Δv/c after mitigation: 0.138

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
95	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	110	1	110	0	110	110	4	115	1	115	0	115	1	115	0	115	1	115
	Left-Through		0							0				0				0	
	Through	94	0	187	0	94	187	12	107	0	219	0	107	0	219	0	107	0	219
	Through-Right		1							1				1				1	
	Right	93	0	0	0	93	0	18	112	0	0	0	112	0	0	0	112	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	78	1	78	0	78	78	7	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	271	0	353	0	271	353	22	296	0	401	0	296	0	401	0	296	0	401
	Through-Right		1							1				1				1	
	Right	82	0	0	0	82	0	22	105	0	0	0	105	0	0	0	105	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	75	1	75	0	75	75	12	88	1	88	0	88	1	88	0	88	1	88
	Left-Through		0							0				0				0	
	Through	731	1	439	207	938	543	424	1164	1	659	207	1371	1	763	0	1371	1	763
	Through-Right		1							1				1				1	
	Right	147	0	147	0	147	147	5	154	0	154	0	154	0	154	0	154	0	154
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	81	1	81	0	81	81	15	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	660	1	354	0	660	354	361	1029	1	542	0	1029	1	542	0	1029	1	542
	Through-Right		1							1				1				1	
	Right	48	0	48	0	48	48	6	55	0	55	0	55	0	55	0	55	0	55
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		463	North-South:		463	North-South:			516	North-South:			516	North-South:			516
		East-West:		520	East-West:		624	East-West:			756	East-West:			860	East-West:			860
		SUM:		983	SUM:		1087	SUM:			1272	SUM:			1376	SUM:			1376
VOLUME/CAPACITY (V/C) RATIO:				0.655			0.725				0.848				0.917				0.917
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.585			0.655				0.748				0.817				0.817
LEVEL OF SERVICE (LOS):				A			B				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.069 — Δv/c after mitigation: 0.069

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
96	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	2930	5	488	18	2948	491	738	3703	5	617	18	3721	5	620	0	3721	5	620
	Through-Right		1							1				1				1	
	Right	174	1	174	2	176	176	102	278	1	278	2	280	1	280	0	280	1	280
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	370	1	239	54	424	411	135	509	1	377	54	563	1	549	0	563	1	549
	Left-Through		1							1				1				1	
	Through	1065	4	239	976	2041	411	676	1754	4	377	976	2730	4	549	0	2730	4	549
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		488	North-South:		491	North-South:			617	North-South:			620	North-South:			620
		East-West:		239	East-West:		411	East-West:			377	East-West:			549	East-West:			549
		SUM:		727	SUM:		902	SUM:			994	SUM:			1169	SUM:			1169
VOLUME/CAPACITY (V/C) RATIO:				0.485			0.601				0.663				0.779				0.779
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.415			0.531				0.563				0.679				0.679
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.116 — Δv/c after mitigation: 0.116

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
97	Flower	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	6th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	295	2	162	29	324	178	2	301	2	166	29	330	2	182	0	330	2	182
	Left-Through		0							0				0				0	
	Through	1211	4	303	491	1702	426	333	1559	4	390	491	2050	4	513	0	2050	4	513
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1035	3	275	632	1667	470	461	1508	3	433	632	2140	3	629	0	2140	3	629
	Through-Right		1							1				1				1	
	Right	338	1	0	347	685	0	317	659	1	0	347	1006	1	0	0	1006	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		303	North-South:		426	North-South:			390	North-South:			513	North-South:			513
		East-West:		275	East-West:		470	East-West:			433	East-West:			629	East-West:			629
		SUM:		578	SUM:		896	SUM:			823	SUM:			1142	SUM:			1142
VOLUME/CAPACITY (V/C) RATIO:				0.385			0.597				0.549				0.761				0.761
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.315			0.527				0.449				0.661				0.661
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.212 | Δv/c after mitigation: 0.212

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
98	Grand	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	6th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	153	0	153	0	153	153	15	170	0	170	0	170	0	170	0	170	0	170
	Left-Through		1							1				1				1	
	Through	1078	3	308	316	1394	387	279	1370	3	385	316	1686	3	464	0	1686	3	464
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1299	4	286	271	1570	357	430	1745	4	386	271	2016	4	456	0	2016	4	456
	Through-Right		1							1				1				1	
	Right	132	0	132	82	214	214	49	183	0	183	82	265	0	265	0	265	0	265
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		308	North-South:		387	North-South:			385	North-South:			464	North-South:			464
		East-West:		286	East-West:		357	East-West:			386	East-West:			456	East-West:			456
		SUM:		594	SUM:		744	SUM:			771	SUM:			920	SUM:			920
VOLUME/CAPACITY (V/C) RATIO:				0.396			0.496				0.514				0.613				0.613
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.326			0.426				0.414				0.513				0.513
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.099 | Δv/c after mitigation: 0.099

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
99	Hill	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	6th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	562	1	328	0	562	328	153	722	1	408	0	722	1	408	0	722	1	408
	Through-Right		1							1				1				1	
	Right	93	0	93	0	93	93	0	94	0	94	0	94	0	94	0	94	0	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	63	1	63	0	63	63	27	91	1	91	0	91	1	91	0	91	1	91
	Left-Through		0							0				0				0	
	Through	694	3	231	173	867	289	307	1009	3	336	173	1182	3	394	0	1182	3	394
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	997	3	285	2	999	314	314	1323	3	376	2	1325	3	405	0	1325	3	405
	Through-Right		1							1				1				1	
	Right	143	0	143	112	255	255	37	182	0	182	112	294	0	294	0	294	0	294
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		391	North-South:		391	North-South:			499	North-South:			499	North-South:			499
		East-West:		285	East-West:		314	East-West:			376	East-West:			405	East-West:			405
		SUM:		676	SUM:		705	SUM:			875	SUM:			904	SUM:			904
VOLUME/CAPACITY (V/C) RATIO:				0.451			0.470				0.583				0.603				0.603
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.381			0.400				0.483				0.503				0.503
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.020 | Δv/c after mitigation: 0.020

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
100	Spring	2011	0.2	Eric Ji	1/1/2012
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	6th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	170	0	170	0	170	170	38	210	0	210	0	210	0	210	0	210	0	210
	Left-Through		1							1				1				1	
	Through	844	4	203	170	1014	237	529	1383	2	531	170	1553	2	588	0	1553	2	588
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	898	3	259	2	900	260	309	1218	3	345	2	1220	3	346	0	1220	3	346
	Through-Right		1							1				1				1	
	Right	138	0	138	0	138	138	22	162	0	162	0	162	0	162	0	162	0	162
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		203	North-South:		237	North-South:			531	North-South:			588	North-South:			588
		East-West:		259	East-West:		260	East-West:			345	East-West:			346	East-West:			346
		SUM:		462	SUM:		497	SUM:			876	SUM:			934	SUM:			934
VOLUME/CAPACITY (V/C) RATIO:				0.308			0.331				0.584				0.623				0.623
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.238			0.261				0.484				0.523				0.523
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.039 | Δv/c after mitigation: 0.039

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	101	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2		2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1		2	
Override Capacity	0		0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1303	4	**326**	16	1319	**330**	443	1762	4	**441**	16	1778	4	**445**	0	1778	4	**445**
	Through-Right		0							0				0				0	
	Right	141	1	141	0	141	141	30	173	1	173	0	173	1	173	0	173	1	173
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	251	0	251	0	251	251	145	399	0	**399**	0	399	0	**399**	0	399	0	**399**
	Left-Through		1							1				1				1	
	Through	783	3	**259**	2	785	**259**	202	994	3	331	2	996	3	332	0	996	3	332
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		326	*North-South:*		330	*North-South:*			441	*North-South:*			445	*North-South:*			445
		East-West:		259	*East-West:*		259	*East-West:*			399	*East-West:*			399	*East-West:*			399
		SUM:		585	*SUM:*		589	*SUM:*			840	*SUM:*			844	*SUM:*			844
VOLUME/CAPACITY (*V/C*) RATIO:				0.390			0.393				0.560				0.563				0.563
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.320			0.323				0.460				0.463				0.463
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.003 — *Δv/c* after mitigation: 0.003

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	102	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2		2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1		2	
Override Capacity	0		0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	1034	3	362	0	1034	362	489	1535	3	537	0	1535	3	537	0	1535	3	537
	Left-Through		0							0				0				0	
	Through	2214	4	**554**	237	2451	**613**	394	2635	4	**659**	237	2872	4	**718**	0	2872	4	**718**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1558	5	**276**	0	1558	**293**	444	2021	5	**345**	0	2021	5	**362**	0	2021	5	**362**
	Through-Right		1							1				1				1	
	Right	376	1	0	119	495	0	16	397	1	0	119	516	1	0	0	516	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		554	*North-South:*		613	*North-South:*			659	*North-South:*			718	*North-South:*			718
		East-West:		276	*East-West:*		293	*East-West:*			345	*East-West:*			362	*East-West:*			362
		SUM:		830	*SUM:*		906	*SUM:*			1004	*SUM:*			1080	*SUM:*			1080
VOLUME/CAPACITY (*V/C*) RATIO:				0.553			0.604				0.669				0.720				0.720
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.483			0.534				0.569				0.620				0.620
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in *v/c* due to project: 0.051 — *Δv/c* after mitigation: 0.051

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	103	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2		2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1		2	
Override Capacity	0		0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	723	3	**241**	265	988	329	167	899	3	**300**	265	1164	3	388	0	1164	3	388
	Through-Right		0							0				0				0	
	Right	230	1	230	161	391	**391**	16	249	1	249	161	410	1	**410**	0	410	1	**410**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	327	1	**317**	46	373	**368**	113	444	1	444	46	490	1	490	0	490	1	490
	Left-Through		1							1				1				1	
	Through	1260	3	317	209	1469	368	525	1800	3	**450**	209	2009	3	**502**	0	2009	3	**502**
	Through-Right		1							1				1				1	
	Right	155	0	155	4	159	159	5	162	0	162	4	166	0	166	0	166	0	166
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		241	*North-South:*		391	*North-South:*			300	*North-South:*			410	*North-South:*			410
		East-West:		317	*East-West:*		368	*East-West:*			450	*East-West:*			502	*East-West:*			502
		SUM:		558	*SUM:*		759	*SUM:*			750	*SUM:*			912	*SUM:*			912
VOLUME/CAPACITY (*V/C*) RATIO:				0.372			0.506				0.500				0.608				0.608
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.302			0.436				0.400				0.508				0.508
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.108 — *Δv/c* after mitigation: 0.108

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	104	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3		3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	2	0	2
ATSAC-1 or ATSAC+ATCS-2?	1		2	
Override Capacity	0		0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	497	2	**273**	0	497	**273**	19	522	2	**287**	0	522	2	**287**	0	522	2	**287**
	Left-Through		0							0				0				0	
	Through	1191	3	397	28	1219	406	371	1576	3	525	28	1604	3	535	0	1604	3	535
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	341	2	**188**	0	341	**188**	147	492	2	**271**	0	492	2	**271**	0	492	2	**271**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	967	3	**251**	260	1227	**316**	477	1456	3	**376**	260	1716	3	**442**	0	1716	3	**442**
	Through-Right		1							1				1				1	
	Right	35	0	35	1	36	36	14	49	0	49	1	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		461	*North-South:*		461	*North-South:*			558	*North-South:*			558	*North-South:*			558
		East-West:		251	*East-West:*		316	*East-West:*			376	*East-West:*			442	*East-West:*			442
		SUM:		712	*SUM:*		777	*SUM:*			934	*SUM:*			1000	*SUM:*			1000
VOLUME/CAPACITY (*V/C*) RATIO:				0.500			0.545				0.655				0.702				0.702
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.430			0.475				0.555				0.602				0.602
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in *v/c* due to project: — *Δv/c* after mitigation: 0.047

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
105	Hill	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	62	1	**62**	0	62	**62**	1	64	1	**64**	0	64	1	**64**	0	64	1	**64**
	Left-Through		0							0				0				0	
	Through	623	2	312	0	623	312	152	783	2	392	0	783	2	392	0	783	2	392
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	825	2	**300**	244	1069	**417**	315	1150	2	**482**	244	1394	2	**599**	0	1394	2	**599**
	Through-Right		1							1				1				1	
	Right	75	0	75	108	183	183	219	295	0	295	108	403	0	403	0	403	0	403
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	40	1	40	48	88	88	19	59	1	59	48	107	1	107	0	107	1	107
	Left-Through		0							0				0				0	
	Through	852	3	**229**	153	1005	**267**	272	1134	3	**313**	153	1287	3	**351**	0	1287	3	**351**
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	53	118	0	118	0	118	0	118	0	118	0	118
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		362	North-South:		479	North-South:			546	North-South:			663	North-South:			663
		East-West:		229	East-West:		267	East-West:			313	East-West:			351	East-West:			351
		SUM:		591	SUM:		746	SUM:			859	SUM:			1014	SUM:			1014
VOLUME/CAPACITY (V/C) RATIO:				0.394			0.497				0.573				0.676				0.676
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.324			0.427				0.473				0.576				0.576
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.103 Δv/c after mitigation: 0.103

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
106	Spring	2011	0.2	Eric Ji	1/1/2012
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

No. of Phases				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2
Override Capacity				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	823	4	**192**	170	993	248	539	1372	3	**457**	170	1542	3	**514**	0	1542	3	**514**
	Through-Right		1							1				1				1	
	Right	136	0	136	201	337	**337**	154	292	1	292	201	493	1	493	0	493	1	493
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	113	0	113	0	113	113	27	141	0	141	0	141	0	141	0	141	0	141
	Left-Through		1							1				1				1	
	Through	516	3	**157**	0	516	**157**	201	723	3	**216**	0	723	3	**216**	0	723	3	**216**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		192	North-South:		337	North-South:			457	North-South:			514	North-South:			514
		East-West:		157	East-West:		157	East-West:			216	East-West:			216	East-West:			216
		SUM:		349	SUM:		494	SUM:			673	SUM:			730	SUM:			730
VOLUME/CAPACITY (V/C) RATIO:				0.233			0.329				0.449				0.487				0.487
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.163			0.259				0.349				0.387				0.387
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.038 Δv/c after mitigation: 0.038

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
107	Main	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

No. of Phases				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2
Override Capacity				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	142	1	142	0	142	142	29	173	1	173	0	173	1	173	0	173	1	173
	Left-Through		0							0				0				0	
	Through	1220	4	**305**	16	1236	**309**	559	1794	4	**449**	16	1810	4	**453**	0	1810	4	**453**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	468	3	**135**	0	468	**135**	199	673	3	**189**	0	673	3	**189**	0	673	3	**189**
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	12	84	0	84	0	84	0	84	0	84	0	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		305	North-South:		309	North-South:			449	North-South:			453	North-South:			453
		East-West:		135	East-West:		135	East-West:			189	East-West:			189	East-West:			189
		SUM:		440	SUM:		444	SUM:			638	SUM:			642	SUM:			642
VOLUME/CAPACITY (V/C) RATIO:				0.293			0.296				0.425				0.428				0.428
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.223			0.226				0.325				0.328				0.328
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.003 Δv/c after mitigation: 0.003

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
108	Figueroa	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	2nd	2017			LAEC

No. of Phases				3				3				3				3				3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2
Override Capacity				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	348	2	191	0	348	191	27	379	2	208	0	379	2	208	0	379	2	208
	Left-Through		0							0				0				0	
	Through	1786	2	**637**	0	1786	**637**	257	2065	2	**734**	0	2065	2	**734**	0	2065	2	**734**
	Through-Right		1							1				1				1	
	Right	125	0	125	0	125	125	9	136	0	136	0	136	0	136	0	136	0	136
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	95	2	**52**	0	95	**52**	5	101	2	**56**	0	101	2	**56**	0	101	2	**56**
	Left-Through		0							0				0				0	
	Through	289	1	187	0	289	187	0	292	1	189	0	292	1	189	0	292	1	189
	Through-Right		1							1				1				1	
	Right	84	0	84	0	84	84	0	85	0	85	0	85	0	85	0	85	0	85
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	68	1	**68**	0	68	**68**	0	69	1	**69**	0	69	1	**69**	0	69	1	**69**
	Left-Through		0							0				0				0	
	Through	326	2	163	27	353	177	30	360	2	180	27	387	2	194	0	387	2	194
	Through-Right		0							0				0				0	
	Right	276	1	85	0	276	85	6	285	1	77	0	285	1	77	0	285	1	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	64	1	64	0	64	64	0	65	1	65	0	65	1	65	0	65	1	65
	Left-Through		0							0				0				0	
	Through	448	2	**224**	0	448	**224**	43	496	2	**248**	0	496	2	**248**	0	496	2	**248**
	Through-Right		0							0				0				0	
	Right	51	1	25	0	51	25	0	52	1	24	0	52	1	24	0	52	1	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		689	North-South:		689	North-South:			790	North-South:			790	North-South:			790
		East-West:		292	East-West:		292	East-West:			317	East-West:			317	East-West:			317
		SUM:		981	SUM:		981	SUM:			1107	SUM:			1107	SUM:			1107
VOLUME/CAPACITY (V/C) RATIO:				0.688			0.688				0.777				0.777				0.777
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.618			0.618				0.677				0.677				0.677
LEVEL OF SERVICE (LOS):				B			B				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
109	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	85	1	85	0	85	85	4	90	1	90	0	90	1	90	0	90	1	90
	Left-Through		0							0				0				0	
	Through	263	1	188	0	263	188	73	339	1	266	0	339	1	266	0	339	1	266
	Through-Right		1							1				1				1	
	Right	113	0	113	0	113	113	79	193	0	193	0	193	0	193	0	193	0	193
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	65	1	65	0	65	65	0	66	1	66	0	66	1	66	0	66	1	66
	Left-Through		0							0				0				0	
	Through	634	2	317	0	634	317	86	728	2	364	0	728	2	364	0	728	2	364
	Through-Right		0							0				0				0	
	Right	134	1	88	0	134	88	15	151	1	97	0	151	1	97	0	151	1	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	93	1	93	0	93	93	15	109	1	109	0	109	1	109	0	109	1	109
	Left-Through		0							0				0				0	
	Through	579	2	264	29	608	274	289	875	2	364	29	904	2	374	0	904	2	374
	Through-Right		1							1				1				1	
	Right	214	0	214	0	214	214	0	217	0	217	0	217	0	217	0	217	0	217
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	114	1	114	0	114	114	4	119	1	119	0	119	1	119	0	119	1	119
	Left-Through		0							0				0				0	
	Through	361	2	129	0	361	129	404	769	2	265	0	769	2	265	0	769	2	265
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	0	25	0	25	0	25	0	25	0	25	0	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	402		North-South:	402		North-South:	454			North-South:	454			North-South:	454	
			East-West:	378		East-West:	388		East-West:	483			East-West:	493			East-West:	493	
			SUM:	780		SUM:	790		SUM:	937			SUM:	947			SUM:	947	
	VOLUME/CAPACITY (V/C) RATIO:			0.520			0.527				0.625				0.631				0.631
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.450			0.457				0.525				0.531				0.531
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.006 | Δv/c after mitigation: 0.006

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
110	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	202	1	202	0	202	202	16	220	1	220	0	220	1	220	0	220	1	220
	Left-Through		0							0				0				0	
	Through	553	2	277	0	553	277	55	615	2	308	0	615	2	308	0	615	2	308
	Through-Right		0							0				0				0	
	Right	110	1	0	0	110	0	8	119	1	0	0	119	1	0	0	119	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	66	1	66	18	84	84	55	122	1	122	18	140	1	140	0	140	1	140
	Left-Through		0							0				0				0	
	Through	323	1	176	338	661	345	109	436	1	232	338	774	1	401	0	774	1	401
	Through-Right		1							1				1				1	
	Right	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	185	1	185	0	185	185	4	191	1	191	0	191	1	191	0	191	1	191
	Left-Through		0							0				0				0	
	Through	749	2	375	29	778	389	313	1071	2	536	29	1100	2	550	0	1100	2	550
	Through-Right		0							0				0				0	
	Right	233	1	31	0	233	31	95	331	1	111	0	331	1	111	0	331	1	111
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	169	1	169	0	169	169	29	200	1	200	0	200	1	200	0	200	1	200
	Left-Through		0							0				0				0	
	Through	762	2	301	0	762	301	383	1154	2	459	0	1154	2	459	0	1154	2	459
	Through-Right		1							1				1				1	
	Right	140	0	140	0	140	140	80	222	0	222	0	222	0	222	0	222	0	222
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	378		North-South:	547		North-South:	452			North-South:	621			North-South:	621	
			East-West:	544		East-West:	558		East-West:	736			East-West:	750			East-West:	750	
			SUM:	922		SUM:	1105		SUM:	1188			SUM:	1371			SUM:	1371	
	VOLUME/CAPACITY (V/C) RATIO:			0.671			0.804				0.864				0.997				0.997
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.601			0.734				0.764				0.897				0.897
	LEVEL OF SERVICE (LOS):			B			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.133 | Δv/c after mitigation: 0.133

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
111	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	31	1	31	0	31	31	53	84	1	84	0	84	1	84	0	84	1	84
	Left-Through		0							0				0				0	
	Through	650	2	325	0	650	325	95	753	2	377	0	753	2	377	0	753	2	377
	Through-Right		0							0				0				0	
	Right	61	1	0	0	61	0	282	344	1	214	0	344	1	213	0	344	1	213
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	48	1	48	0	48	48	68	117	1	117	0	117	1	117	0	117	1	117
	Left-Through		0							0				0				0	
	Through	667	1	371	395	1062	569	146	821	1	455	395	1216	1	652	0	1216	1	652
	Through-Right		1							1				1				1	
	Right	75	0	75	0	75	75	12	88	0	88	0	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	254	1	254	0	254	254	0	257	1	257	0	257	1	257	0	257	1	257
	Left-Through		0							0				0				0	
	Through	583	2	226	18	601	242	294	884	2	354	18	902	2	370	0	902	2	370
	Through-Right		1							1				1				1	
	Right	95	0	95	29	124	124	82	178	0	178	29	207	0	207	0	207	0	207
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	215	2	65	1	216	65	19	237	2	130	1	238	2	131	0	238	2	131
	Left-Through		0							0				0				0	
	Through	871	2	436	0	871	436	426	1308	2	648	0	1308	2	648	0	1308	2	648
	Through-Right		1							1				1				1	
	Right	475	0	451	0	475	451	154	635	0	635	0	635	0	635	0	635	0	635
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	402		North-South:	600		North-South:	539			North-South:	736			North-South:	736	
			East-West:	705		East-West:	705		East-West:	905			East-West:	905			East-West:	905	
			SUM:	1107		SUM:	1305		SUM:	1444			SUM:	1641			SUM:	1641	
	VOLUME/CAPACITY (V/C) RATIO:			0.777			0.916				1.013				1.152				1.152
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.707			0.846				0.913				1.052				1.052
	LEVEL OF SERVICE (LOS):			C			D				E				F				F

PROJECT IMPACT

Change in v/c due to project: 0.139 | Δv/c after mitigation: 0.139

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
112	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	473	2	260	0	473	260	322	801	2	441	0	801	2	441	0	801	2	441
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	684	2	326	2	686	327	187	879	2	386	2	881	2	388	0	881	2	388
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	752	2	263	18	770	269	323	1084	2	433	18	1102	2	439	0	1102	2	439
	Through-Right		1							1				1				1	
	Right	36	0	36	0	36	36	179	215	0	215	0	215	0	215	0	215	0	215
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	50	1	50	0	50	50	46	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	1054	3	351	1	1055	352	278	1345	3	448	1	1346	3	449	0	1346	3	449
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	326		North-South:	327		North-South:	441			North-South:	441			North-South:	441	
			East-West:	351		East-West:	352		East-West:	530			East-West:	536			East-West:	536	
			SUM:	677		SUM:	679		SUM:	971			SUM:	977			SUM:	977	
	VOLUME/CAPACITY (V/C) RATIO:			0.475			0.476				0.681				0.686				0.686
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.405			0.406				0.581				0.586				0.586
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.005 | Δv/c after mitigation: 0.005

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	113	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	38	1	38	0	38	38	0	38	1	38	0	38	1	38	0	38	1	38
	Left-Through		0							0				0				0	
	Through	568	1	318	0	568	318	158	733	1	419	0	733	1	419	0	733	1	419
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	36	104	0	104	0	104	0	104	0	104	0	104
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	109	1	109	0	109	109	0	110	1	110	0	110	1	110	0	110	1	110
	Left-Through		0							0				0				0	
	Through	755	2	333	337	1092	445	231	995	2	414	337	1332	2	527	0	1332	2	527
	Through-Right		1							1				1				1	
	Right	243	0	243	1	244	244	2	248	0	248	1	249	0	249	0	249	0	249
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	303	1	303	0	303	303	34	341	1	341	0	341	1	341	0	341	1	341
	Left-Through		0							0				0				0	
	Through	918	2	324	2	920	331	430	1359	2	487	2	1361	2	494	0	1361	2	494
	Through-Right		1							1				1				1	
	Right	55	0	55	18	73	73	47	103	0	103	18	121	0	121	0	121	0	121
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	15	1	15	0	15	15	116	131	1	131	0	131	1	131	0	131	1	131
	Left-Through		0							0				0				0	
	Through	673	2	260	0	673	260	321	1002	2	371	0	1002	2	371	0	1002	2	371
	Through-Right		1							1				1				1	
	Right	106	0	106	0	106	106	3	110	0	110	0	110	0	110	0	110	0	110
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		427	North-South:		483	North-South:			529	North-South:			565	North-South:			565
		East-West:		563	East-West:		563	East-West:			712	East-West:			712	East-West:			712
		SUM:		990	SUM:		1046	SUM:			1241	SUM:			1277	SUM:			1277
	VOLUME/CAPACITY (V/C) RATIO:			0.695			0.734				0.871				0.896				0.896
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.625			0.664				0.771				0.796				0.796
	LEVEL OF SERVICE (LOS):			B			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.025 | Δv/c after mitigation: 0.025

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	114	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/1/2012
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	48	0	48	0	48	48	39	88	0	88	0	88	0	88	0	88	0	88
	Left-Through		1							1				1				1	
	Through	457	3	126	396	853	225	714	1177	2	422	396	1573	2	554	0	1573	2	554
	Through-Right		0							0				0				0	
	Right	133	1	48	0	133	48	129	264	1	178	0	264	1	178	0	264	1	178
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	85	1	85	0	85	85	0	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	852	2	292	2	854	293	363	1225	2	428	2	1227	2	429	0	1227	2	429
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	35	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	40	1	40	0	40	40	17	57	1	57	0	57	1	57	0	57	1	57
	Left-Through		0							0				0				0	
	Through	513	2	171	0	513	171	299	818	2	273	0	818	2	273	0	818	2	273
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		126	North-South:		225	North-South:			422	North-South:			554	North-South:			554
		East-West:		332	East-West:		333	East-West:			485	East-West:			486	East-West:			486
		SUM:		458	SUM:		558	SUM:			907	SUM:			1040	SUM:			1040
	VOLUME/CAPACITY (V/C) RATIO:			0.321			0.392				0.636				0.730				0.730
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.251			0.322				0.536				0.630				0.630
	LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.094 | Δv/c after mitigation: 0.094

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	115	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	100	0	100	0	100	100	37	138	0	138	0	138	0	138	0	138	0	138
	Left-Through		1							1				1				1	
	Through	1409	2	420	2	1411	420	590	2016	2	588	2	2018	2	588	0	2018	2	588
	Through-Right		1							1				1				1	
	Right	170	0	420	0	170	420	25	197	0	588	0	197	0	588	0	197	0	588
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	188	1	188	2	190	190	198	388	1	388	2	390	1	390	0	390	1	390
	Left-Through		0							0				0				0	
	Through	856	3	285	0	856	285	203	1069	3	356	0	1069	3	356	0	1069	3	356
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	549	2	207	0	549	207	279	835	2	303	0	835	2	303	0	835	2	303
	Through-Right		1							1				1				1	
	Right	72	0	72	0	72	72	1	74	0	74	0	74	0	74	0	74	0	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		420	North-South:		420	North-South:			588	North-South:			588	North-South:			588
		East-West:		395	East-West:		397	East-West:			691	East-West:			693	East-West:			693
		SUM:		815	SUM:		817	SUM:			1279	SUM:			1281	SUM:			1281
	VOLUME/CAPACITY (V/C) RATIO:			0.572			0.573				0.898				0.899				0.899
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.502			0.503				0.798				0.799				0.799
	LEVEL OF SERVICE (LOS):			A			A				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	116	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Temple/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	226	1	226	0	226	226	2	231	1	231	0	231	1	231	0	231	1	231
	Left-Through		0							0				0				0	
	Through	546	1	360	0	546	360	136	689	1	433	0	689	1	433	0	689	1	433
	Through-Right		1							1				1				1	
	Right	174	0	174	0	174	174	0	176	0	176	0	176	0	176	0	176	0	176
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	1	44	71	115	115	44	89	1	89	71	160	1	160	0	160	1	160
	Left-Through		0							0				0				0	
	Through	44	1	32	356	400	210	97	142	1	81	356	498	1	259	0	498	1	259
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	0	20	0	20	0	20	0	20	0	20	0	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	378	1	378	0	378	378	23	406	1	406	0	406	1	406	0	406	1	406
	Left-Through		0							0				0				0	
	Through	522	1	300	0	522	300	74	602	1	373	0	602	1	373	0	602	1	373
	Through-Right		1							1				1				1	
	Right	78	0	78	0	78	78	64	143	0	143	0	143	0	143	0	143	0	143
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	163	1	163	0	163	163	3	168	1	168	0	168	1	168	0	168	1	168
	Left-Through		0							0				0				0	
	Through	645	2	323	0	645	323	53	706	2	353	0	706	2	353	0	706	2	353
	Through-Right		0							0				0				0	
	Right	145	1	123	0	145	88	32	179	1	135	0	179	1	99	0	179	1	99
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		404	North-South:		475	North-South:			522	North-South:			593	North-South:			593
		East-West:		701	East-West:		701	East-West:			759	East-West:			759	East-West:			759
		SUM:		1105	SUM:		1176	SUM:			1281	SUM:			1352	SUM:			1352
	VOLUME/CAPACITY (V/C) RATIO:			0.775			0.825				0.899				0.949				0.949
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.705			0.755				0.799				0.849				0.849
	LEVEL OF SERVICE (LOS):			C			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.050 | Δv/c after mitigation: 0.050

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
117	East-West Street:	Aliso	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1057	3	352	0	1057	352	517	1587	3	529	0	1587	3	529	0	1587	3	529
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	402	1	**402**	4	406	**406**	270	677	1	**677**	4	681	1	**681**	0	681	1	**681**
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	52	0	52	0	52	52	47	100	0	100	0	100	0	100	0	100	0	100
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	560	2	**204**	0	560	**204**	458	1025	2	**375**	0	1025	2	**375**	0	1025	2	**375**
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		402	North-South:		406	North-South:			677	North-South:			681	North-South:			681
	East-West:		204	East-West:		204	East-West:			375	East-West:			375	East-West:			375
	SUM:		606	SUM:		610	SUM:			1052	SUM:			1056	SUM:			1056
VOLUME/CAPACITY (V/C) RATIO:			0.404			0.407				0.701				0.704				0.704
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.334			0.337				0.601				0.604				0.604
LEVEL OF SERVICE (LOS):			A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.003 | Δv/c after mitigation: 0.003
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
118	East-West Street:	Aliso	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 2 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	676	2	338	0	676	338	8	692	2	346	0	692	2	346	0	692	2	346
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	345	1	**345**	0	345	**345**	120	469	1	**469**	0	469	1	**469**	0	469	1	**469**
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	181	3	60	0	181	60	47	230	3	77	0	230	3	77	0	230	3	77
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	33	0	33	0	33	33	94	127	0	127	0	127	0	127	0	127	0	127
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	714	2	**192**	4	718	**193**	560	1283	2	**376**	4	1287	2	**377**	0	1287	2	**377**
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	19	0	192	0	19	193	75	94	0	376	0	94	0	377	0	94	0	377
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		345	North-South:		345	North-South:			469	North-South:			469	North-South:			469
	East-West:		192	East-West:		193	East-West:			376	East-West:			377	East-West:			377
	SUM:		537	SUM:		538	SUM:			845	SUM:			846	SUM:			846
VOLUME/CAPACITY (V/C) RATIO:			0.358			0.359				0.563				0.564				0.564
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.288			0.289				0.463				0.464				0.464
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
119	East-West Street:	I-110 On-Ramp/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 3, EB-- 3 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	684	1	**684**	0	684	**684**	217	909	1	**909**	0	909	1	**909**	0	909	1	**909**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	716	2	358	0	716	358	90	815	2	408	0	815	2	408	0	815	2	408
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	466	2	233	42	508	254	127	599	2	300	42	641	2	321	0	641	2	321
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	298	1	**298**	0	298	**298**	180	482	1	**482**	0	482	1	**482**	0	482	1	**482**
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	32	0	**32**	0	32	**32**	26	58	0	**58**	0	58	0	**58**	0	58	0	**58**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	142	1	0	325	467	0	138	282	1	0	325	607	1	0	0	607	1	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		1							1				1				1	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		982	North-South:		982	North-South:			1391	North-South:			1391	North-South:			1391
	East-West:		32	East-West:		32	East-West:			58	East-West:			58	East-West:			58
	SUM:		1014	SUM:		1014	SUM:			1449	SUM:			1449	SUM:			1449
VOLUME/CAPACITY (V/C) RATIO:			0.712			0.712				1.017				1.017				1.017
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.642			0.642				0.917				0.917				0.917
LEVEL OF SERVICE (LOS):			B			B				E				E				E

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
120	East-West Street:	Sunset	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 1, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	572	0	572	0	572	572	0	579	0	579	0	579	0	579	0	579	0	579
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	321	0	**1065**	0	321	**1065**	53	378	0	**1152**	0	378	0	**1152**	0	378	0	**1152**
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	172	0	0	0	172	0	21	195	0	0	0	195	0	0	0	195	0	0
NORTHBOUND Left-Through-Right		1							1				1				1	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	29	0	**29**	0	29	**29**	64	93	0	**93**	0	93	0	**93**	0	93	0	**93**
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	111	1	85	0	111	85	95	207	1	197	0	207	1	197	0	207	1	197
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	86	1	0	0	86	0	10	97	1	0	0	97	1	0	0	97	1	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	26	1	**26**	0	26	**26**	0	26	1	**26**	0	26	1	**26**	0	26	1	**26**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	805	2	300	42	847	314	116	931	2	342	42	973	2	356	0	973	2	356
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	95	0	95	0	95	95	0	96	0	96	0	96	0	96	0	96	0	96
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	88	1	88	0	88	88	22	111	1	111	0	111	1	111	0	111	1	111
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	1239	2	**426**	0	1239	**426**	106	1360	2	**466**	0	1360	2	**466**	0	1360	2	**466**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	39	0	39	0	39	39	0	39	0	39	0	39	0	39	0	39	0	39
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		1094	North-South:		1094	North-South:			1245	North-South:			1245	North-South:			1245
	East-West:		452	East-West:		452	East-West:			492	East-West:			492	East-West:			492
	SUM:		1546	SUM:		1546	SUM:			1737	SUM:			1737	SUM:			1737
VOLUME/CAPACITY (V/C) RATIO:			1.031			1.031				1.158				1.158				1.158
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.961			0.961				1.058				1.058				1.058
LEVEL OF SERVICE (LOS):			E			E				F				F				F

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
121	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	0	1	2	2
Override Capacity		0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	326	1	326	0	326	326	15	345	1	345	0	345	1	345	0	345	1	345
	Left-Through		0							0				0				0	
	Through	1158	2	579	0	1158	579	200	1372	2	686	0	1372	2	686	0	1372	2	686
	Through-Right		0							0				0				0	
	Right	352	1	299	0	352	299	16	372	1	318	0	372	1	318	0	372	1	318
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	42	1	42	0	42	42	0	43	1	43	0	43	1	43	0	43	1	43
	Left-Through		0							0				0				0	
	Through	158	2	79	0	158	79	54	214	2	107	0	214	2	107	0	214	2	107
	Through-Right		0							0				0				0	
	Right	61	1	0	0	61	0	0	62	1	0	0	62	1	0	0	62	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	129	1	129	0	129	129	6	137	1	137	0	137	1	137	0	137	1	137
	Left-Through		0							0				0				0	
	Through	812	2	304	42	854	318	189	1011	2	373	42	1053	2	387	0	1053	2	387
	Through-Right		1							1				1				1	
	Right	101	0	101	0	101	101	6	108	0	108	0	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	107	1	107	0	107	107	0	108	1	108	0	108	1	108	0	108	1	108
	Left-Through		0							0				0				0	
	Through	1015	2	365	0	1015	365	113	1140	2	433	0	1140	2	433	0	1140	2	433
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	80	160	0	160	0	160	0	160	0	160	0	160
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		621	North-South:		621	North-South:			729	North-South:			729	North-South:			729
		East-West:		494	East-West:		494	East-West:			570	East-West:			570	East-West:			570
		SUM:		1115	SUM:		1115	SUM:			1299	SUM:			1299	SUM:			1299
VOLUME/CAPACITY (V/C) RATIO:				0.811			0.811				0.945				0.945				0.945
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.741			0.741				0.845				0.845				0.845
LEVEL OF SERVICE (LOS):				C			C				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/1/2012
122	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	1
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	281	1	281	0	281	281	39	323	1	323	0	323	1	323	0	323	1	323
	Left-Through		0							0				0				0	
	Through	276	1	276	0	276	276	62	341	1	341	0	341	1	341	0	341	1	341
	Through-Right		0							0				0				0	
	Right	151	1	0	0	151	0	14	167	1	0	0	167	1	0	0	167	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	1	23	0	23	23	0	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	124	1	124	0	124	124	89	214	1	214	0	214	1	214	0	214	1	214
	Through-Right		0							0				0				0	
	Right	21	1	5	0	21	5	0	21	1	5	0	21	1	5	0	21	1	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	32	1	32	0	32	32	0	32	1	32	0	32	1	32	0	32	1	32
	Left-Through		0							0				0				0	
	Through	956	2	478	0	956	478	134	1102	2	551	0	1102	2	551	0	1102	2	551
	Through-Right		0							0				0				0	
	Right	216	1	76	42	258	118	46	265	1	104	42	307	1	146	0	307	1	146
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	401	2	221	0	401	221	171	577	2	317	0	577	2	317	0	577	2	317
	Left-Through		0							0				0				0	
	Through	928	2	323	0	928	323	136	1075	2	373	0	1075	2	373	0	1075	2	373
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		405	North-South:		405	North-South:			537	North-South:			537	North-South:			537
		East-West:		699	East-West:		699	East-West:			868	East-West:			868	East-West:			868
		SUM:		1104	SUM:		1104	SUM:			1405	SUM:			1405	SUM:			1405
VOLUME/CAPACITY (V/C) RATIO:				0.775			0.775				0.986				0.986				0.986
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.705			0.705				0.886				0.886				0.886
LEVEL OF SERVICE (LOS):				C			C				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
123	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	0	1	2	2
Override Capacity		0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	2	1	2	0	2	2	0	2	1	2	0	2	1	2	0	2	1	2
	Through-Right		0							0				0				0	
	Right	42	1	0	0	42	0	0	43	1	0	0	43	1	0	0	43	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
	Left-Through		0							0				0				0	
	Through	92	0	178	87	179	265	448	541	0	696	87	628	0	783	0	628	0	783
	Through-Right		0							0				0				0	
	Right	71	0	0	0	71	0	68	140	0	0	0	140	0	0	0	140	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Left-Through		0							0				0				0	
	Through	974	2	487	0	974	487	91	1077	2	539	0	1077	2	539	0	1077	2	539
	Through-Right		0							0				0				0	
	Right	108	1	0	0	108	0	18	127	1	0	0	127	1	0	0	127	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	181	2	100	0	181	100	15	198	2	109	0	198	2	109	0	198	2	109
	Left-Through		0							0				0				0	
	Through	1139	2	395	0	1139	395	143	1296	2	448	0	1296	2	448	0	1296	2	448
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	0	48	0	48	0	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		178	North-South:		265	North-South:			696	North-South:			783	North-South:			783
		East-West:		587	East-West:		587	East-West:			648	East-West:			648	East-West:			648
		SUM:		765	SUM:		852	SUM:			1344	SUM:			1431	SUM:			1431
VOLUME/CAPACITY (V/C) RATIO:				0.537			0.598				0.943				1.004				1.004
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.467			0.528				0.843				0.904				0.904
LEVEL OF SERVICE (LOS):				A			A				D				E				E

PROJECT IMPACT

Change in v/c due to project: 0.061 Δv/c after mitigation: 0.061

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
124	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	0	0	1	2
Override Capacity		0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	257	1	257	0	257	257	24	284	1	284	0	284	1	284	0	284	1	284
	Left-Through		1							1				1				1	
	Through	660	1	330	0	660	330	476	1144	1	515	0	1144	1	515	0	1144	1	515
	Through-Right		1							1				1				1	
	Right	378	0	378	0	378	378	18	401	0	401	0	401	0	401	0	401	0	401
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	93	1	93	0	93	93	0	94	1	94	0	94	1	94	0	94	1	94
	Left-Through		0							0				0				0	
	Through	946	2	473	0	946	473	91	1048	2	524	0	1048	2	524	0	1048	2	524
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1157	1	595	0	1157	595	134	1305	1	724	0	1305	1	724	0	1305	1	724
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	110	142	0	142	0	142	0	142	0	142	0	142
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		378	North-South:		378	North-South:			515	North-South:			515	North-South:			515
		East-West:		688	East-West:		688	East-West:			818	East-West:			818	East-West:			818
		SUM:		1066	SUM:		1066	SUM:			1333	SUM:			1333	SUM:			1333
VOLUME/CAPACITY (V/C) RATIO:				0.711			0.711				0.889				0.889				0.889
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.641			0.641				0.789				0.789				0.789
LEVEL OF SERVICE (LOS):				B			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
125	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	3	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	3	0
ATSAC-1 or ATSAC+ATCS-2?				1
Override Capacity				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	167	1	167	0	167	167	0	169	1	169	0	169	1	169	0	169	1	169
	Left-Through		0							0				0				0	
	Through	891	2	352	0	891	352	238	1140	2	435	0	1140	2	435	0	1140	2	435
	Through-Right		1							1				1				1	
	Right	164	0	164	0	164	164	0	166	0	166	0	166	0	166	0	166	0	166
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	83	1	83	0	83	83	10	94	1	94	0	94	1	94	0	94	1	94
	Left-Through		0							0				0				0	
	Through	711	2	291	0	711	291	275	995	2	386	0	995	2	386	0	995	2	386
	Through-Right		1							1				1				1	
	Right	161	0	161	0	161	161	0	163	0	163	0	163	0	163	0	163	0	163
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	102	1	102	0	102	102	0	103	1	103	0	103	1	103	0	103	1	103
	Left-Through		0							0				0				0	
	Through	1028	2	514	0	1028	514	110	1150	2	575	0	1150	2	575	0	1150	2	575
	Through-Right		0							0				0				0	
	Right	200	1	33	0	200	33	0	202	1	33	0	202	1	33	0	202	1	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	136	1	136	0	136	136	0	138	1	138	0	138	1	138	0	138	1	138
	Left-Through		0							0				0				0	
	Through	867	2	318	0	867	318	150	1027	2	371	0	1027	2	371	0	1027	2	371
	Through-Right		1							1				1				1	
	Right	86	0	86	0	86	86	0	87	0	87	0	87	0	87	0	87	0	87
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		458	North-South:		458	North-South:			555	North-South:			555	North-South:			555
		East-West:		650	East-West:		650	East-West:			713	East-West:			713	East-West:			713
		SUM:		1108	SUM:		1108	SUM:			1268	SUM:			1268	SUM:			1268
VOLUME/CAPACITY (V/C) RATIO:				0.806			0.806				0.922				0.922				0.922
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.736			0.736				0.822				0.822				0.822
LEVEL OF SERVICE (LOS):				C			C				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
126	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?				2
Override Capacity				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	4	1	4	0	4	4	138	142	1	142	0	142	1	142	0	142	1	142
	Left-Through		0							0				0				0	
	Through	403	1	221	0	403	221	378	786	1	413	0	786	1	413	0	786	1	413
	Through-Right		1							1				1				1	
	Right	39	0	39	0	39	39	0	39	0	39	0	39	0	39	0	39	0	39
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	139	1	139	0	139	139	0	141	1	141	0	141	1	141	0	141	1	141
	Left-Through		0							0				0				0	
	Through	250	1	167	0	250	188	0	253	1	184	0	253	1	206	0	253	1	206
	Through-Right		1							1				1				1	
	Right	83	0	83	43	126	126	31	115	0	115	43	158	0	158	0	158	0	158
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	112	1	112	0	112	112	30	143	1	143	0	143	1	143	0	143	1	143
	Left-Through		0							0				0				0	
	Through	144	1	77	0	144	77	128	274	1	142	0	274	1	142	0	274	1	142
	Through-Right		1							1				1				1	
	Right	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	502	1	321	0	502	321	59	567	1	354	0	567	1	354	0	567	1	354
	Through-Right		1							1				1				1	
	Right	139	0	139	0	139	139	0	141	0	141	0	141	0	141	0	141	0	141
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		360	North-South:		360	North-South:			554	North-South:			554	North-South:			554
		East-West:		433	East-West:		433	East-West:			497	East-West:			497	East-West:			497
		SUM:		793	SUM:		793	SUM:			1051	SUM:			1051	SUM:			1051
VOLUME/CAPACITY (V/C) RATIO:				0.556			0.556				0.738				0.738				0.738
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.486			0.486				0.638				0.638				0.638
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/1/2012
127	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	3	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	3	0	0	0
ATSAC-1 or ATSAC+ATCS-2?				1
Override Capacity				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	36	1	36	0	36	36	72	108	1	108	0	108	1	108	0	108	1	108
	Left-Through		0							0				0				0	
	Through	26	2	13	0	26	13	109	135	2	68	0	135	2	68	0	135	2	68
	Through-Right		0							0				0				0	
	Right	70	1	44	0	70	44	39	110	1	0	0	110	1	0	0	110	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	26	1	26	0	26	26	24	50	1	50	0	50	1	50	0	50	1	50
	Left-Through		0							0				0				0	
	Through	59	2	30	0	59	30	76	136	2	61	0	136	2	68	0	136	2	68
	Through-Right		1							1				1				1	
	Right	47	0	36	43	90	79	0	48	0	48	43	91	0	80	0	91	0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	23	1	23	0	23	23	0	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	303	1	162	0	303	162	55	362	1	217	0	362	1	217	0	362	1	217
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	51	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	26	1	26	0	26	26	95	121	1	121	0	121	1	121	0	121	1	121
	Left-Through		0							0				0				0	
	Through	401	2	201	43	444	222	333	739	2	370	43	782	2	391	0	782	2	391
	Through-Right		0							0				0				0	
	Right	30	1	17	0	30	17	53	83	1	58	0	83	1	58	0	83	1	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		72	North-South:		115	North-South:			169	North-South:			188	North-South:			188
		East-West:		224	East-West:		245	East-West:			393	East-West:			414	East-West:			414
		SUM:		296	SUM:		360	SUM:			562	SUM:			602	SUM:			602
VOLUME/CAPACITY (V/C) RATIO:				0.208			0.253				0.394				0.422				0.422
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.138			0.183				0.294				0.322				0.322
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.028 | Δv/c after mitigation: 0.028

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
128	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?				2
Override Capacity				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	1149	1	596	0	1149	596	186	1349	1	696	0	1349	1	696	0	1349	1	696
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	70	1	70	0	70	70	132	203	1	203	0	203	1	203	0	203	1	203
	Left-Through		0							0				0				0	
	Through	1038	1	542	295	1333	690	200	1251	1	649	295	1546	1	797	0	1546	1	797
	Through-Right		1							1				1				1	
	Right	46	0	46	0	46	46	0	47	0	47	0	47	0	47	0	47	0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	141	0	141	0	141	141	0	143	0	143	0	143	0	143	0	143	0	143
	Left-Through		1							1				1				1	
	Through	215	1	189	0	215	189	0	218	1	239	0	218	1	239	0	218	1	239
	Through-Right		1							1				1				1	
	Right	21	0	189	0	21	189	0	21	0	0	0	21	0	0	0	21	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through		1							1				1				1	
	Through	138	0	147	0	138	147	0	140	0	172	0	140	0	172	0	140	0	172
	Through-Right		1							1				1				1	
	Right	123	0	147	0	123	147	189	313	0	212	0	313	0	212	0	313	0	212
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		666	North-South:		707	North-South:			899	North-South:			899	North-South:			899
		East-West:		288	East-West:		288	East-West:			355	East-West:			355	East-West:			355
		SUM:		954	SUM:		995	SUM:			1254	SUM:			1254	SUM:			1254
VOLUME/CAPACITY (V/C) RATIO:				0.636			0.663				0.836				0.836				0.836
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.566			0.593				0.736				0.736				0.736
LEVEL OF SERVICE (LOS):				A			A				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
129	East-West Street:	College	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	1359	1	**714**	0	1359	**714**	375	1750	1	**910**	0	1750	1	**910**	0	1750	1	**910**
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	0	70	0	70	0	70	0	70	0	70	0	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	94	1	**94**	0	94	**94**	102	197	1	**197**	0	197	1	**197**	0	197	1	**197**
	Left-Through		0							0				0				0	
	Through	1065	1	557	295	1360	704	332	1410	1	730	295	1705	1	877	0	1705	1	877
	Through-Right		1							1				1				1	
	Right	48	0	48	0	48	48	0	49	0	49	0	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	90	0	**90**	0	90	**90**	0	91	0	**91**	0	91	0	**91**	0	91	0	**91**
	Left-Through		1							1				1				1	
	Through	222	0	223	0	222	223	0	225	0	226	0	225	0	226	0	225	0	226
	Through-Right		1							1				1				1	
	Right	44	0	223	0	44	223	0	45	0	226	0	45	0	226	0	45	0	226
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through		1							1				1				1	
	Through	206	0	**201**	0	206	**201**	0	208	0	**245**	0	208	0	**245**	0	208	0	**245**
	Through-Right		1							1				1				1	
	Right	158	0	201	0	158	201	142	302	0	204	0	302	0	204	0	302	0	204
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		808	North-South:		808	North-South:			1107	North-South:			1107	North-South:			1107
		East-West:		291	East-West:		291	East-West:			336	East-West:			336	East-West:			336
		SUM:		1099	SUM:		1099	SUM:			1443	SUM:			1443	SUM:			1443
VOLUME/CAPACITY (v/c) RATIO:				0.733			0.733				0.962				0.962				0.962
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.663			0.663				0.862				0.862				0.862
LEVEL OF SERVICE (LOS):				B			B				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Sunset	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
130	East-West Street:	Elysian Park	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--	0	NB-- 3	SB--	0	NB--	3 SB--	0	NB--	3 SB--	0	NB--	3 SB--	0	NB--	3 SB--	0	NB--	3 SB--	0	NB--	3 SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	3	EB--	0 WB--	3	EB--	0 WB--	3	EB--	0 WB--	3	EB--	0 WB--	3	EB--	0 WB--	3	EB--	0 WB--	3
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	964	2	482	0	964	482	116	1092	2	546	0	1092	2	546	0	1092	2	546
	Through-Right		1							1				1				1	
	Right	902	1	**839**	0	902	**839**	0	913	1	**849**	0	913	1	**849**	0	913	1	**849**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	271	1	**271**	0	271	**271**	0	274	1	**274**	0	274	1	**274**	0	274	1	**274**
	Left-Through		0							0				0				0	
	Through	843	2	422	42	885	443	116	969	2	485	42	1011	2	506	0	1011	2	506
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	115	2	**63**	0	115	**63**	0	116	2	**64**	0	116	2	**64**	0	116	2	**64**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	92	2	0	0	92	0	0	93	2	0	0	93	2	0	0	93	2	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		1110	North-South:		1110	North-South:			1123	North-South:			1123	North-South:			1123
		East-West:		63	East-West:		63	East-West:			64	East-West:			64	East-West:			64
		SUM:		1173	SUM:		1173	SUM:			1187	SUM:			1187	SUM:			1187
VOLUME/CAPACITY (v/c) RATIO:				0.823			0.823				0.833				0.833				0.833
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.753			0.753				0.733				0.733				0.733
LEVEL OF SERVICE (LOS):				C			C				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
131	East-West Street:	Bellevue	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1746	2	**873**	0	1746	**873**	151	1918	2	**959**	0	1918	2	**959**	0	1918	2	**959**
	Through-Right		0							0				0				0	
	Right	318	1	243	0	318	243	106	428	1	346	0	428	1	346	0	428	1	346
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	110	1	**110**	0	110	**110**	0	111	1	**111**	0	111	1	**111**	0	111	1	**111**
	Left-Through		0							0				0				0	
	Through	1001	2	501	151	1152	576	133	1146	2	573	151	1297	2	649	0	1297	2	649
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	272	2	**150**	0	272	**150**	24	299	2	**164**	0	299	2	**164**	0	299	2	**164**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	176	1	121	0	176	121	0	178	1	123	0	178	1	123	0	178	1	123
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		983	North-South:		983	North-South:			1070	North-South:			1070	North-South:			1070
		East-West:		150	East-West:		150	East-West:			164	East-West:			164	East-West:			164
		SUM:		1133	SUM:		1133	SUM:			1234	SUM:			1234	SUM:			1234
VOLUME/CAPACITY (v/c) RATIO:				0.795			0.795				0.866				0.866				0.866
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.725			0.725				0.766				0.766				0.766
LEVEL OF SERVICE (LOS):				C			C				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
132	East-West Street:	Temple	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--	0 SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--	0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	58	1	58	0	58	58	6	65	1	65	0	65	1	65	0	65	1	65
	Left-Through		0							0				0				0	
	Through	1446	1	**734**	0	1446	**734**	227	1690	1	**856**	0	1690	1	**856**	0	1690	1	**856**
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	0	21	0	21	0	21	0	21	0	21	0	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	75	1	**75**	0	75	**75**	6	82	1	**82**	0	82	1	**82**	0	82	1	**82**
	Left-Through		0							0				0				0	
	Through	728	1	453	162	890	534	187	924	1	566	162	1086	1	647	0	1086	1	647
	Through-Right		1							1				1				1	
	Right	178	0	178	0	178	178	28	208	0	208	0	208	0	208	0	208	0	208
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	323	1	**323**	0	323	**323**	2	329	1	**329**	0	329	1	**329**	0	329	1	**329**
	Left-Through		0							0				0				0	
	Through	515	1	294	0	515	394	62	583	1	343	0	583	1	443	0	583	1	443
	Through-Right		1							1				1				1	
	Right	73	0	73	200	273	273	28	102	0	102	200	302	0	302	0	302	0	302
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	514	1	**369**	0	514	**369**	37	557	1	**406**	0	557	1	**406**	0	557	1	**406**
	Through-Right		1							1				1				1	
	Right	223	0	223	0	223	223	29	255	0	255	0	255	0	255	0	255	0	255
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		809	North-South:		809	North-South:			938	North-South:			938	North-South:			938
		East-West:		692	East-West:		692	East-West:			735	East-West:			735	East-West:			735
		SUM:		1501	SUM:		1501	SUM:			1673	SUM:			1673	SUM:			1673
VOLUME/CAPACITY (v/c) RATIO:				1.053			1.053				1.174				1.174				1.174
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.983			0.983				1.074				1.074				1.074
LEVEL OF SERVICE (LOS):				E			E				F				F				F

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
133	East-West Street:	US 101 NB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	365	1	365	0	365	365	11	380	1	380	0	380	1	380	0	380	1	380
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1320	3	440	0	1320	440	197	1533	3	511	0	1533	3	511	0	1533	3	511
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	972	2	411	0	972	411	65	1049	2	475	0	1049	2	475	0	1049	2	475
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	262	0	262	0	262	262	112	377	0	377	0	377	0	377	0	377	0	377
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	197	1	146	0	197	146	29	228	1	169	0	228	1	169	0	228	1	169
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	2	0	0	0	2	0	0	2	0	0	0	2	0	0	0	2	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	94	0	146	0	94	146	15	110	0	169	0	110	0	169	0	110	0	169
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		1							1				1				1	
CRITICAL VOLUMES	North-South:		776	North-South:		776	North-South:			855	North-South:			855	North-South:			855
	East-West:		146	East-West:		146	East-West:			169	East-West:			169	East-West:			169
	SUM:		922	SUM:		922	SUM:			1024	SUM:			1024	SUM:			1024
VOLUME/CAPACITY (V/C) RATIO:			0.647			0.647				0.719				0.719				0.719
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.577			0.577				0.619				0.619				0.619
LEVEL OF SERVICE (LOS):			A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
134	East-West Street:	US 101 SB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1455	2	587	0	1455	587	107	1580	2	635	0	1580	2	635	0	1580	2	635
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	305	0	305	0	305	305	16	325	0	325	0	325	0	325	0	325	0	325
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	116	0	116	0	116	116	16	133	0	133	0	133	0	133	0	133	0	133
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	1052	2	526	0	1052	526	109	1174	2	587	0	1174	2	587	0	1174	2	587
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	218	1	218	0	218	218	124	345	1	345	0	345	1	345	0	345	1	345
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	6	0	0	0	6	0	0	6	0	0	0	6	0	0	0	6	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	131	1	131	0	131	131	10	143	1	143	0	143	1	143	0	143	1	143
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		703	North-South:		703	North-South:			768	North-South:			768	North-South:			768
	East-West:		218	East-West:		218	East-West:			345	East-West:			345	East-West:			345
	SUM:		921	SUM:		921	SUM:			1113	SUM:			1113	SUM:			1113
VOLUME/CAPACITY (V/C) RATIO:			0.614			0.614				0.742				0.742				0.742
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.544			0.544				0.642				0.642				0.642
LEVEL OF SERVICE (LOS):			A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
135	East-West Street:	Beverly	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1371	2	487	0	1371	487	117	1505	2	536	0	1505	2	536	0	1505	2	536
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	90	0	90	0	90	90	11	102	0	102	0	102	0	102	0	102	0	102
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1029	2	515	0	1029	515	99	1140	2	570	0	1140	2	570	0	1140	2	570
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	115	1	42	0	115	42	0	116	1	42	0	116	1	42	0	116	1	42
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	147	1	147	0	147	147	0	149	1	149	0	149	1	149	0	149	1	149
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	662	2	240	0	662	240	288	958	2	339	0	958	2	339	0	958	2	339
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	86	1	86	0	86	86	5	92	1	92	0	92	1	92	0	92	1	92
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	764	2	283	0	764	283	394	1167	2	418	0	1167	2	418	0	1167	2	418
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	86	0	86	0	86	86	0	87	0	87	0	87	0	87	0	87	0	87
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		515	North-South:		515	North-South:			570	North-South:			570	North-South:			570
	East-West:		430	East-West:		430	East-West:			567	East-West:			567	East-West:			567
	SUM:		945	SUM:		945	SUM:			1137	SUM:			1137	SUM:			1137
VOLUME/CAPACITY (V/C) RATIO:			0.630			0.630				0.758				0.758				0.758
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.560			0.560				0.658				0.658				0.658
LEVEL OF SERVICE (LOS):			A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
136	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	88	1	88	0	88	88	16	105	1	105	0	105	1	105	0	105	1	105
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	999	2	385	0	999	385	213	1224	2	463	0	1224	2	463	0	1224	2	463
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	156	0	156	0	156	156	8	166	0	166	0	166	0	166	0	166	0	166
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	115	1	115	0	115	115	0	116	1	116	0	116	1	116	0	116	1	116
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1086	2	389	56	1142	408	262	1361	2	484	56	1417	2	503	0	1417	2	503
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	82	0	82	0	82	82	8	91	0	91	0	91	0	91	0	91	0	91
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	75	1	75	0	75	75	4	80	1	80	0	80	1	80	0	80	1	80
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	1126	1	623	0	1126	623	226	1366	1	748	0	1366	1	748	0	1366	1	748
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	120	0	120	0	120	120	8	129	0	129	0	129	0	129	0	129	0	129
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	84	1	84	0	84	84	10	95	1	95	0	95	1	95	0	95	1	95
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	1035	2	518	0	1035	518	253	1300	2	650	0	1300	2	650	0	1300	2	650
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	95	1	38	0	95	38	0	96	1	38	0	96	1	38	0	96	1	38
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		500	North-South:		500	North-South:			589	North-South:			608	North-South:			608
	East-West:		707	East-West:		707	East-West:			843	East-West:			843	East-West:			843
	SUM:		1207	SUM:		1207	SUM:			1432	SUM:			1451	SUM:			1451
VOLUME/CAPACITY (V/C) RATIO:			0.805			0.805				0.955				0.967				0.967
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.735			0.735				0.855				0.867				0.867
LEVEL OF SERVICE (LOS):			C			C				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.012 | Δv/c after mitigation: 0.012
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	137	North-South Street:	Alvardo	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1149	2	419	0	1149	419	114	1277	2	469	0	1277	2	469	0	1277	2	469
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	109	0	109	0	109	109	20	130	0	130	0	130	0	130	0	130	0	130
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	890	2	348	0	890	348	85	986	2	389	0	986	2	389	0	986	2	389
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	153	0	153	0	153	153	25	180	0	180	0	180	0	180	0	180	0	180
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	96	1	96	0	96	96	2	99	1	99	0	99	1	99	0	99	1	99
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	721	1	391	0	721	391	216	946	1	504	0	946	1	504	0	946	1	504
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	61	0	61	0	61	61	0	62	0	62	0	62	0	62	0	62	0	62
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	82	1	82	0	82	82	12	95	1	95	0	95	1	95	0	95	1	95
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	759	1	432	0	759	432	244	1012	1	559	0	1012	1	559	0	1012	1	559
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	105	0	105	0	105	105	0	106	0	106	0	106	0	106	0	106	0	106
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		419	North-South:		419			469				469				469	
	East-West:		528	East-West:		528			658				658				658	
	SUM:		947	SUM:		947			1127				1127				1127	
VOLUME/CAPACITY (V/C) RATIO:			0.631			0.631			0.791				0.791				0.791	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.561			0.561			0.691				0.691				0.691	
LEVEL OF SERVICE (LOS):			A			A			B				B				B	

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	138	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	68	1	68	0	68	68	10	79	1	79	0	79	1	79	0	79	1	79
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	732	1	413	0	732	414	106	847	1	483	0	847	1	485	0	847	1	485
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	93	0	93	3	96	96	25	119	0	119	3	122	0	122	0	122	0	122
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	136	1	136	6	142	142	0	138	1	138	6	144	1	144	0	144	1	144
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	809	1	437	49	858	461	79	898	1	482	49	947	1	506	0	947	1	506
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	64	0	64	0	64	64	0	65	0	65	0	65	0	65	0	65	0	65
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	142	1	142	0	142	142	0	144	1	144	0	144	1	144	0	144	1	144
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	987	2	367	53	1040	384	78	1077	2	539	53	1130	2	565	0	1130	2	565
EASTBOUND Through-Right		1							0				0				0	
EASTBOUND Right	113	0	113	0	113	113	8	122	1	83	0	122	1	83	0	122	1	83
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	151	1	151	0	151	151	19	172	1	172	0	172	1	172	0	172	1	172
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	970	2	358	0	970	358	95	1077	2	539	0	1077	2	539	0	1077	2	539
WESTBOUND Through-Right		1							0				0				0	
WESTBOUND Right	104	0	104	0	104	104	0	105	1	36	0	105	1	33	0	105	1	33
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		549	North-South:		556			621				629				629	
	East-West:		518	East-West:		535			711				737				737	
	SUM:		1067	SUM:		1091			1332				1366				1366	
VOLUME/CAPACITY (V/C) RATIO:			0.776			0.793			0.969				0.993				0.993	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.706			0.723			0.869				0.893				0.893	
LEVEL OF SERVICE (LOS):			C			C			D				D				D	

PROJECT IMPACT

Change in v/c due to project: 0.024 — Δv/c after mitigation: 0.024

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	139	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	111	0	111	0	111	111	5	117	0	117	0	117	0	117	0	117	0	117
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	1281	0	974	0	1281	974	47	1343	0	1023	0	1343	0	1023	0	1343	0	1023
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	65	1	0	1	66	0	11	77	1	0	1	78	1	0	0	78	1	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	56	0	56	2	58	58	12	69	0	69	2	71	0	71	0	71	0	71
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	1236	1	786	12	1248	798	37	1288	1	851	12	1300	1	863	0	1300	1	863
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	104	1	79	0	104	79	0	105	1	80	0	105	1	80	0	105	1	80
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	50	1	50	0	50	50	0	51	1	51	0	51	1	51	0	51	1	51
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	605	2	247	62	667	267	76	688	2	344	62	750	2	375	0	750	2	375
EASTBOUND Through-Right		1							0				0				0	
EASTBOUND Right	135	0	135	0	135	135	2	139	1	139	0	139	1	139	0	139	1	139
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	79	1	79	0	79	79	7	87	1	87	0	87	1	87	0	87	1	87
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	557	2	208	5	562	210	90	654	2	327	5	659	2	330	0	659	2	330
WESTBOUND Through-Right		1							0				0				0	
WESTBOUND Right	67	0	67	0	67	67	7	75	1	75	0	75	1	75	0	75	1	75
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		1030	North-South:		1032			1092				1094				1094	
	East-West:		326	East-West:		346			431				462				462	
	SUM:		1356	SUM:		1378			1523				1556				1556	
VOLUME/CAPACITY (V/C) RATIO:			0.952			0.967			1.069				1.092				1.092	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.882			0.897			0.969				0.992				0.992	
LEVEL OF SERVICE (LOS):			D			D			E				E				E	

PROJECT IMPACT

Change in v/c due to project: 0.023 — Δv/c after mitigation: 0.023

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	140	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	128	1	128	0	128	128	89	219	1	219	0	219	1	219	0	219	1	219
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1058	2	385	0	1058	386	195	1266	2	455	0	1266	2	456	0	1266	2	456
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	98	0	98	3	101	101	0	99	0	99	3	102	0	102	0	102	0	102
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	154	1	154	6	160	160	4	160	1	160	6	166	1	166	0	166	1	166
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1004	2	502	49	1053	527	209	1225	2	613	49	1274	2	637	0	1274	2	637
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	151	1	33	0	151	33	67	220	1	62	0	220	1	62	0	220	1	62
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	118	1	118	0	118	118	39	158	1	158	0	158	1	158	0	158	1	158
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	1117	2	400	65	1182	422	75	1205	2	603	65	1270	2	635	0	1270	2	635
EASTBOUND Through-Right		1							0				0				0	
EASTBOUND Right	83	0	83	0	83	83	52	136	1	27	0	136	1	27	0	136	1	27
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	103	1	103	0	103	103	29	133	1	133	0	133	1	133	0	133	1	133
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	1029	2	377	5	1034	379	97	1138	2	569	5	1143	2	572	0	1143	2	572
WESTBOUND Through-Right		1							0				0				0	
WESTBOUND Right	103	0	103	0	103	103	3	107	1	27	0	107	1	24	0	107	1	24
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		630	North-South:		655			832				856				856	
	East-West:		503	East-West:		525			736				768				768	
	SUM:		1133	SUM:		1180			1568				1624				1624	
VOLUME/CAPACITY (V/C) RATIO:			0.824			0.858			1.140				1.181				1.181	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.754			0.788			1.040				1.081				1.081	
LEVEL OF SERVICE (LOS):			C			C			F				F				F	

PROJECT IMPACT

Change in v/c due to project: 0.041 — Δv/c after mitigation: 0.041

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	141	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1020	2	**364**	0	1020	**365**	132	1164	2	**427**	0	1164	2	**427**	0	1164	2	**427**
	Through-Right		1							1				1				1	
	Right	73	0	73	1	74	74	42	116	0	116	1	117	0	117	0	117	0	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	933	2	345	0	933	345	97	1041	2	381	0	1041	2	381	0	1041	2	381
	Through-Right		1							1				1				1	
	Right	102	0	102	0	102	102	0	103	0	103	0	103	0	103	0	103	0	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	94	1	**94**	0	94	**94**	0	95	1	**95**	0	95	1	95	0	95	1	95
	Left-Through		0							0				0				0	
	Through	850	1	446	64	914	488	53	913	1	913	64	977	1	**977**	0	977	1	**977**
	Through-Right		1							0				0				0	
	Right	41	0	41	20	61	61	0	41	1	41	20	61	1	61	0	61	1	61
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	84	1	84	0	84	84	54	139	1	139	0	139	1	**139**	0	139	1	**139**
	Left-Through		0							0				0				0	
	Through	864	1	**495**	5	869	**497**	100	974	1	**974**	5	979	1	979	0	979	1	979
	Through-Right		1							0				0				0	
	Right	125	0	125	0	125	125	2	129	1	129	0	129	1	129	0	129	1	129
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		364	North-South:		365	North-South:			427	North-South:			427	North-South:			427
		East-West:		589	East-West:		591	East-West:			1069	East-West:			1116	East-West:			1116
		SUM:		953	SUM:		956	SUM:			1496	SUM:			1543	SUM:			1543
VOLUME/CAPACITY (V/C) RATIO:				0.635			0.637				0.997				1.029				1.029
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.565**			**0.567**				**0.897**				**0.929**				**0.929**
LEVEL OF SERVICE (LOS):				**A**			**A**				**D**				**E**				**E**

PROJECT IMPACT

Change in v/c due to project: 0.032 Δv/c after mitigation: 0.032

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	142	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	62	1	62	0	62	**62**	21	84	1	84	0	84	1	**84**	0	84	1	**84**
	Left-Through		0							0				0				0	
	Through	1202	1	**626**	3	1205	627	238	1454	1	**752**	3	1457	1	754	0	1457	1	754
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	46	1	**46**	0	46	46	7	54	1	**54**	0	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	1114	1	608	49	1163	**633**	194	1321	1	718	49	1370	1	**743**	0	1370	1	**743**
	Through-Right		1							1				1				1	
	Right	102	0	102	0	102	102	12	115	0	115	0	115	0	115	0	115	0	115
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	16	16	0	16	0	16	0	16	0	16	0	16
	Left-Through		1							1				1				1	
	Through	699	0	**401**	0	699	**401**	165	872	0	**523**	0	872	0	**523**	0	872	0	**523**
	Through-Right		1							1				1				1	
	Right	102	0	401	0	102	401	7	110	0	523	0	110	0	523	0	110	0	523
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		1							1				1				1	
	Through	554	0	316	0	554	316	170	731	0	411	0	731	0	411	0	731	0	411
	Through-Right		1							1				1				1	
	Right	77	0	316	0	77	316	13	91	0	411	0	91	0	411	0	91	0	411
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		672	North-South:		695	North-South:			806	North-South:			827	North-South:			827
		East-West:		401	East-West:		401	East-West:			523	East-West:			523	East-West:			523
		SUM:		1073	SUM:		1096	SUM:			1329	SUM:			1350	SUM:			1350
VOLUME/CAPACITY (V/C) RATIO:				0.715			0.731				0.886				0.900				0.900
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.615**			**0.631**				**0.786**				**0.800**				**0.800**
LEVEL OF SERVICE (LOS):				**B**			**B**				**C**				**C**				**C**

PROJECT IMPACT

Change in v/c due to project: 0.014 Δv/c after mitigation: 0.014

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	143	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	973	2	**346**	1	974	**346**	160	1145	2	**404**	1	1146	2	**404**	0	1146	2	**404**
	Through-Right		1							1				1				1	
	Right	65	0	65	0	65	65	0	66	0	66	0	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	930	2	337	20	950	344	140	1081	2	390	20	1101	2	397	0	1101	2	397
	Through-Right		1							1				1				1	
	Right	81	0	81	0	81	81	8	90	0	90	0	90	0	90	0	90	0	90
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	62	1	62	0	62	62	3	66	1	66	0	66	1	66	0	66	1	66
	Left-Through		0							0				0				0	
	Through	467	1	**467**	0	467	**467**	199	672	1	**672**	0	672	1	**672**	0	672	1	**672**
	Through-Right		0							0				0				0	
	Right	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	66	1	**66**	0	66	**66**	0	67	1	**67**	0	67	1	**67**	0	67	1	**67**
	Left-Through		0							0				0				0	
	Through	653	1	368	0	653	368	198	859	1	473	0	859	1	473	0	859	1	473
	Through-Right		1							1				1				1	
	Right	82	0	82	0	82	82	3	86	0	86	0	86	0	86	0	86	0	86
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		346	North-South:		346	North-South:			404	North-South:			404	North-South:			404
		East-West:		533	East-West:		533	East-West:			739	East-West:			739	East-West:			739
		SUM:		879	SUM:		879	SUM:			1143	SUM:			1143	SUM:			1143
VOLUME/CAPACITY (V/C) RATIO:				0.586			0.586				0.762				0.762				0.762
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.486**			**0.486**				**0.662**				**0.662**				**0.662**
LEVEL OF SERVICE (LOS):				**A**			**A**				**B**				**B**				**B**

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	144	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4				4				4				4				4				4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	138	1	**138**	0	138	**138**	0	140	1	**140**	0	140	1	**140**	0	140	1	**140**
	Left-Through		0							0				0				0	
	Through	1030	2	515	3	1033	517	132	1174	2	587	3	1177	2	589	0	1177	2	589
	Through-Right		0							0				0				0	
	Right	68	1	0	10	78	0	8	77	1	0	10	87	1	0	0	87	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	136	1	136	21	157	157	8	146	1	146	21	167	1	167	0	167	1	167
	Left-Through		0							0				0				0	
	Through	1230	2	**615**	28	1258	**629**	98	1343	2	**672**	28	1371	2	**686**	0	1371	2	**686**
	Through-Right		0							1				1				1	
	Right	3	1	0	0	3	0	0	3	1	0	0	3	1	0	0	3	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	78	1	78	0	78	78	0	79	1	79	0	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	1427	2	**498**	178	1605	**557**	193	1637	2	**568**	178	1815	2	**627**	0	1815	2	**627**
	Through-Right		1							1				1				1	
	Right	66	0	66	0	66	66	0	67	0	67	0	67	0	67	0	67	0	67
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	106	1	**106**	0	106	**106**	10	117	1	**117**	0	117	1	**117**	0	117	1	**117**
	Left-Through		0							0				0				0	
	Through	1058	2	391	0	1058	391	185	1256	2	460	0	1256	2	460	0	1256	2	460
	Through-Right		1							1				1				1	
	Right	114	0	114	0	114	114	10	125	0	125	0	125	0	125	0	125	0	125
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		753	North-South:		767	North-South:			812	North-South:			826	North-South:			826
		East-West:		604	East-West:		663	East-West:			685	East-West:			744	East-West:			744
		SUM:		1357	SUM:		1430	SUM:			1497	SUM:			1570	SUM:			1570
VOLUME/CAPACITY (V/C) RATIO:				0.987			1.040				1.089				1.142				1.142
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.887**			**0.940**				**0.989**				**1.042**				**1.042**
LEVEL OF SERVICE (LOS):				**D**			**E**				**E**				**F**				**F**

PROJECT IMPACT

Change in v/c due to project: 0.053 Δv/c after mitigation: 0.053

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	145	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	EB--	SB--	WB--
No. of Phases			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			2	
Override Capacity			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	68	1	68	0	68	68	39	108	1	108	0	108	1	108	0	108	1	108
	Left-Through		0							0				0				0	
	Through	595	1	325	1	596	327	41	643	1	356	1	644	1	358	0	644	1	358
	Through-Right		1							1				1				1	
	Right	55	0	55	3	58	58	12	68	0	68	3	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	85	1	85	5	90	90	9	95	1	95	5	100	1	100	0	100	1	100
	Left-Through		0							0				0				0	
	Through	801	2	401	7	808	404	34	845	2	423	7	852	2	426	0	852	2	426
	Through-Right		0							0				0				0	
	Right	90	1	54	0	90	54	18	109	1	61	0	109	1	61	0	109	1	61
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	73	1	73	0	73	73	23	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	1619	2	558	210	1829	628	213	1852	2	651	210	2062	2	721	0	2062	2	721
	Through-Right		1							1				1				1	
	Right	56	0	56	0	56	56	44	101	0	101	0	101	0	101	0	101	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	63	1	63	0	63	63	22	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	1438	2	507	0	1438	507	201	1656	2	586	0	1656	2	586	0	1656	2	586
	Through-Right		1							1				1				1	
	Right	84	0	84	0	84	84	17	102	0	102	0	102	0	102	0	102	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		469	North-South:		472	North-South:		531	North-South:			534	North-South:			534	
		East-West:		621	East-West:		691	East-West:		737	East-West:			807	East-West:			807	
		SUM:		1090	SUM:		1163	SUM:		1268	SUM:			1341	SUM:			1341	
VOLUME/CAPACITY (V/C) RATIO:				0.727			0.775			0.845				0.894				0.894	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.627			0.675			0.745				0.794				0.794	
LEVEL OF SERVICE (LOS):				B			B			C				C				C	

PROJECT IMPACT

Change in v/c due to project: 0.049 | Δv/c after mitigation: 0.049

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	146	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	EB--	SB--	WB--
No. of Phases			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	3	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			2	
Override Capacity			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	101	1	101	0	101	101	30	132	1	132	0	132	1	132	0	132	1	132
	Left-Through		0							0				0				0	
	Through	1076	2	538	3	1079	540	196	1285	2	643	3	1288	2	644	0	1288	2	644
	Through-Right		0							1				0				0	
	Right	86	1	10	28	114	38	1	88	1	10	28	116	1	38	0	116	1	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	106	1	106	21	127	127	13	120	1	120	21	141	1	141	0	141	1	141
	Left-Through		0							0				0				0	
	Through	948	1	528	28	976	542	173	1132	1	627	28	1160	1	641	0	1160	1	641
	Through-Right		1							1				1				1	
	Right	107	0	107	0	107	107	13	121	0	121	0	121	0	121	0	121	0	121
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	138	1	138	0	138	138	21	161	1	161	0	161	1	161	0	161	1	161
	Left-Through		0							0				0				0	
	Through	1492	2	524	217	1709	596	227	1737	2	622	217	1954	2	694	0	1954	2	694
	Through-Right		1							1				1				1	
	Right	80	0	80	0	80	80	48	129	0	129	0	129	0	129	0	129	0	129
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	76	1	76	0	76	76	1	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	1316	2	461	0	1316	461	198	1530	2	547	0	1530	2	547	0	1530	2	547
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	41	110	0	110	0	110	0	110	0	110	0	110
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		644	North-South:		667	North-South:		763	North-South:			785	North-South:			785	
		East-West:		600	East-West:		672	East-West:		708	East-West:			772	East-West:			772	
		SUM:		1244	SUM:		1339	SUM:		1471	SUM:			1557	SUM:			1557	
VOLUME/CAPACITY (V/C) RATIO:				0.905			0.974			1.070				1.132				1.132	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.805			0.874			0.970				1.032				1.032	
LEVEL OF SERVICE (LOS):				D			D			E				F				F	

PROJECT IMPACT

Change in v/c due to project: 0.062 | Δv/c after mitigation: 0.062

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	147	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	EB--	SB--	WB--
No. of Phases			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	3	0
ATSAC-1 or ATSAC+ATCS-2?			2	
Override Capacity			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	106	1	106	0	106	106	1	108	1	108	0	108	1	108	0	108	1	108
	Left-Through		0							0				0				0	
	Through	696	1	378	1	697	443	155	859	1	476	1	860	1	541	0	860	1	541
	Through-Right		1							1				1				1	
	Right	59	0	59	129	188	188	33	93	0	93	129	222	0	222	0	222	0	222
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	144	1	144	4	148	148	5	151	1	151	4	155	1	155	0	155	1	155
	Left-Through		0							0				0				0	
	Through	768	2	384	16	784	392	130	907	2	454	16	923	2	462	0	923	2	462
	Through-Right		0							0				0				0	
	Right	193	1	0	0	193	0	2	197	1	0	0	197	1	0	0	197	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	219	1	219	0	219	219	4	226	1	226	0	226	1	226	0	226	1	226
	Left-Through		0							0				0				0	
	Through	1212	2	422	228	1440	515	234	1461	2	505	228	1689	2	598	0	1689	2	598
	Through-Right		1							1				1				1	
	Right	53	0	53	52	105	105	0	54	0	54	52	106	0	106	0	106	0	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	83	1	83	0	83	83	107	191	1	191	0	191	1	191	0	191	1	191
	Left-Through		0							0				0				0	
	Through	1129	2	398	0	1129	398	236	1379	2	484	0	1379	2	484	0	1379	2	484
	Through-Right		1							1				1				1	
	Right	66	0	66	0	66	66	5	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		522	North-South:		591	North-South:		627	North-South:			696	North-South:			696	
		East-West:		617	East-West:		617	East-West:		710	East-West:			789	East-West:			789	
		SUM:		1139	SUM:		1208	SUM:		1337	SUM:			1485	SUM:			1485	
VOLUME/CAPACITY (V/C) RATIO:				0.828			0.879			0.972				1.080				1.080	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.728			0.779			0.872				0.980				0.980	
LEVEL OF SERVICE (LOS):				C			C			D				E				E	

PROJECT IMPACT

Change in v/c due to project: 0.108 | Δv/c after mitigation: 0.108

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	148	North-South Street:	Union	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	EB--	SB--	WB--
No. of Phases			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			2	
Override Capacity			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	492	0	528	31	523	631	1	499	0	535	24	523	0	632	0	523	0	632
	Through-Right		1							1				1				1	
	Right	36	0	0	72	108	0	0	36	0	0	73	109	0	0	0	109	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	78	1	78	0	78	78	0	79	1	79	0	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	599	1	599	0	599	599	1	607	1	607	0	607	1	607	0	607	1	607
	Through-Right		0							0				0				0	
	Right	168	1	127	0	168	127	0	170	1	128	0	170	1	128	0	170	1	128
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	83	1	83	0	83	83	0	84	1	84	0	84	1	84	0	84	1	84
	Left-Through		0							0				0				0	
	Through	1190	2	419	361	1551	539	271	1475	2	514	361	1836	2	634	0	1836	2	634
	Through-Right		1							1				1				1	
	Right	66	0	66	0	66	66	0	67	0	67	0	67	0	67	0	67	0	67
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	53	1	53	39	92	92	0	54	1	54	37	91	1	91	0	91	1	91
	Left-Through		0							0				0				0	
	Through	1045	2	366	0	1045	366	347	1405	2	490	0	1405	2	490	0	1405	2	490
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	11	65	0	65	0	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		661	North-South:		709	North-South:		670	North-South:			711	North-South:			711	
		East-West:		472	East-West:		631	East-West:		574	East-West:			725	East-West:			725	
		SUM:		1133	SUM:		1340	SUM:		1244	SUM:			1436	SUM:			1436	
VOLUME/CAPACITY (V/C) RATIO:				0.755			0.893			0.829				0.957				0.957	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.655			0.793			0.729				0.857				0.857	
LEVEL OF SERVICE (LOS):				B			C			C				D				D	

PROJECT IMPACT

Change in v/c due to project: 0.128 | Δv/c after mitigation: 0.128

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
149	Western	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Pico	2017			LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	69	1	**69**	0	69	**69**	0	70	1	**70**	0	70	1	**70**	0	70	1	**70**
	Left-Through		0							0				0				0	
	Through	878	1	473	14	892	482	132	1021	1	545	14	1035	1	554	0	1035	1	554
	Through-Right		1							1				1				1	
	Right	68	0	68	3	71	71	0	69	0	69	3	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	58	1	58	6	64	64	0	59	1	59	6	65	1	65	0	65	1	65
	Left-Through		0							0				0				0	
	Through	1024	1	**552**	22	1046	**563**	98	1134	1	**613**	22	1156	1	**624**	0	1156	1	**624**
	Through-Right		1							1				1				1	
	Right	80	0	80	0	80	80	10	91	0	91	0	91	0	91	0	91	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	114	1	114	0	114	114	8	123	1	123	0	123	1	123	0	123	1	123
	Left-Through		0							0				0				0	
	Through	708	1	**407**	54	762	**434**	122	839	1	**473**	54	893	1	**500**	0	893	1	**500**
	Through-Right		1							1				1				1	
	Right	106	0	106	0	106	106	0	107	0	107	0	107	0	107	0	107	0	107
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	73	1	**73**	0	73	**73**	0	74	1	**74**	0	74	1	**74**	0	74	1	**74**
	Left-Through		0							0				0				0	
	Through	520	1	286	0	520	286	115	641	1	347	0	641	1	347	0	641	1	347
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		621	North-South:		632	North-South:			683	North-South:			694	North-South:			694
		East-West:		480	East-West:		507	East-West:			547	East-West:			574	East-West:			574
		SUM:		1101	SUM:		1139	SUM:			1230	SUM:			1268	SUM:			1268
VOLUME/CAPACITY (V/C) RATIO:				0.734			0.759				0.820				0.845				0.845
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.634			0.659				0.720				0.745				0.745
LEVEL OF SERVICE (LOS):				B			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.025 Δv/c after mitigation: 0.025

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
150	Normandie	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Pico	2017			LAEC

No. of Phases		2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--	0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--	0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?		2			2			2			2			2			2		
Override Capacity		0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	30	0	30	0	30	30	9	39	0	39	0	39	0	**39**	0	39	0	**39**
	Left-Through		1							1				1				1	
	Through	699	0	**464**	3	702	**466**	83	790	0	**528**	3	793	0	530	0	793	0	530
	Through-Right		1							1				1				1	
	Right	109	0	464	1	110	466	0	110	0	528	1	111	0	530	0	111	0	530
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	2	2	**2**	8	8	0	**8**	2	10	0	10	0	10	0	10
	Left-Through		1							1				1				1	
	Through	811	0	428	5	816	434	87	908	0	495	5	913	0	**502**	0	913	0	**502**
	Through-Right		1							1				1				1	
	Right	44	0	428	0	44	434	5	50	0	495	0	50	0	502	0	50	0	502
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	31	1	31	0	31	31	2	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	639	1	366	64	703	**398**	111	758	1	**430**	64	822	1	**462**	0	822	1	**462**
	Through-Right		1							1				1				1	
	Right	92	0	92	0	92	92	8	101	0	101	0	101	0	101	0	101	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	86	1	**86**	0	86	**86**	0	87	1	**87**	0	87	1	**87**	0	87	1	**87**
	Left-Through		0							0				0				0	
	Through	569	1	301	0	569	301	101	677	1	359	0	677	1	359	0	677	1	359
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	7	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		464	North-South:		468	North-South:			536	North-South:			541	North-South:			541
		East-West:		452	East-West:		484	East-West:			517	East-West:			549	East-West:			549
		SUM:		916	SUM:		952	SUM:			1053	SUM:			1090	SUM:			1090
VOLUME/CAPACITY (V/C) RATIO:				0.611			0.635				0.702				0.727				0.727
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.511			0.535				0.602				0.627				0.627
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.025 Δv/c after mitigation: 0.025

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
151	Vermont	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Pico	2017			LAEC

No. of Phases		2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--	0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--	0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?		2			2			2			2			2			2		
Override Capacity		0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	70	1	70	0	70	70	0	71	1	71	0	71	1	71	0	71	1	71
	Left-Through		0							0				0				0	
	Through	1109	1	**600**	32	1141	**654**	225	1347	1	**719**	32	1379	1	**774**	0	1379	1	**774**
	Through-Right		1							1				1				1	
	Right	90	0	90	77	167	167	0	91	0	91	77	168	0	168	0	168	0	168
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	55	1	**55**	6	61	**61**	2	58	1	**58**	6	64	1	**64**	0	64	1	**64**
	Left-Through		0							0				0				0	
	Through	1072	1	561	22	1094	572	219	1304	1	678	22	1326	1	689	0	1326	1	689
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	1	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	94	1	**94**	0	94	94	1	96	1	**96**	0	96	1	96	0	96	1	96
	Left-Through		0							0				0				0	
	Through	663	1	388	66	729	**421**	117	788	1	451	66	854	1	**484**	0	854	1	**484**
	Through-Right		1							1				1				1	
	Right	112	0	112	0	112	112	0	113	0	113	0	113	0	113	0	113	0	113
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	69	1	69	0	69	**69**	1	71	1	71	0	71	1	**71**	0	71	1	**71**
	Left-Through		0							0				0				0	
	Through	670	1	**390**	0	670	390	107	785	1	**448**	0	785	1	448	0	785	1	448
	Through-Right		1							1				1				1	
	Right	109	0	109	0	109	109	1	111	0	111	0	111	0	111	0	111	0	111
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		655	North-South:		715	North-South:			777	North-South:			838	North-South:			838
		East-West:		484	East-West:		490	East-West:			544	East-West:			555	East-West:			555
		SUM:		1139	SUM:		1205	SUM:			1321	SUM:			1393	SUM:			1393
VOLUME/CAPACITY (V/C) RATIO:				0.759			0.803				0.881				0.929				0.929
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.659			0.703				0.781				0.829				0.829
LEVEL OF SERVICE (LOS):				B			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.048 Δv/c after mitigation: 0.048

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
152	Alvarado	2011	0.2	Eric Ji	10/3/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Pico	2017			LAEC

No. of Phases		3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--	0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--	0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?		2			2			2			2			2			2		
Override Capacity		0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	615	1	**337**	65	680	**492**	174	796	1	**438**	65	861	1	**593**	0	861	1	**593**
	Through-Right		1							1				1				1	
	Right	59	0	59	245	304	304	20	80	0	80	245	325	0	325	0	325	0	325
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	106	1	**106**	68	174	**174**	2	109	1	**109**	68	177	1	**177**	0	177	1	**177**
	Left-Through		0							0				0				0	
	Through	617	1	398	0	617	398	216	840	1	521	0	840	1	521	0	840	1	521
	Through-Right		1							1				1				1	
	Right	179	0	179	0	179	179	20	201	0	201	0	201	0	201	0	201	0	201
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	150	1	**150**	65	215	**215**	6	158	1	**158**	65	223	1	**223**	0	223	1	**223**
	Left-Through		0							0				0				0	
	Through	595	1	315	89	684	359	114	716	1	375	89	805	1	420	0	805	1	420
	Through-Right		1							1				1				1	
	Right	34	0	34	0	34	34	0	34	0	34	0	34	0	34	0	34	0	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	102	1	102	-34	68	68	11	114	1	114	-34	80	1	80	0	80	1	80
	Left-Through		0							0				0				0	
	Through	829	1	**476**	0	829	**518**	89	928	1	**530**	0	928	1	**573**	0	928	1	**573**
	Through-Right		1							1				1				1	
	Right	122	0	122	85	207	207	9	132	0	132	85	217	0	217	0	217	0	217
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		443	North-South:		666	North-South:			547	North-South:			770	North-South:			770
		East-West:		626	East-West:		733	East-West:			688	East-West:			796	East-West:			796
		SUM:		1069	SUM:		1399	SUM:			1235	SUM:			1566	SUM:			1566
VOLUME/CAPACITY (V/C) RATIO:				0.750			0.982				0.867				1.099				1.099
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.650			0.882				0.767				0.999				0.999
LEVEL OF SERVICE (LOS):				B			D				C				E				E

PROJECT IMPACT

Change in v/c due to project: 0.232 Δv/c after mitigation: 0.232

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	153	North-South Street:	Pico	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Union	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	40	1	40	0	40	40	0	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	382	0	425	0	382	425	0	387	0	431	0	387	0	431	0	387	0	431
	Through-Right		1							1				1				1	
	Right	43	0	0	0	43	0	0	44	0	0	0	44	0	0	0	44	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	85	1	85	0	85	85	1	87	1	87	0	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	481	1	481	0	481	481	0	487	1	487	67	554	1	554	0	554	1	554
	Through-Right		0							0				0				0	
	Right	86	1	51	0	86	15	0	87	1	51	0	87	1	15	0	87	1	15
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	71	1	71	72	143	143	0	72	1	72	73	145	1	145	0	145	1	145
	Left-Through		0							0				0				0	
	Through	573	1	316	330	903	481	134	714	1	387	329	1043	1	552	0	1043	1	552
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	54	1	54	0	54	54	7	62	1	62	0	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	946	1	562	51	997	630	87	1044	1	612	51	1095	1	680	0	1095	1	680
	Through-Right		1							1				1				1	
	Right	177	0	177	85	262	262	1	180	0	180	85	265	0	265	0	265	0	265
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		521	North-South:		521	North-South:			527	North-South:			594	North-South:			594
		East-West:		633	East-West:		773	East-West:			684	East-West:			825	East-West:			825
		SUM:		1154	SUM:		1294	SUM:			1211	SUM:			1419	SUM:			1419
	VOLUME/CAPACITY (V/C) RATIO:			0.769			0.863				0.807				0.946				0.946
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.669			0.763				0.707				0.846				0.846
	LEVEL OF SERVICE (LOS):			B			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.139 | Δv/c after mitigation: 0.139
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	154	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Alvarado	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	970	2	485	14	984	492	93	1075	2	538	14	1089	2	545	0	1089	2	545
	Through-Right		1							1				1				1	
	Right	640	1	0	311	951	0	194	842	1	0	311	1153	1	0	0	1153	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	2	0	0	0	2	0	0	2	0	0	0	2	0	0	0	2	0	0
	Left-Through		0							0				0				0	
	Through	975	2	488	5	980	490	21	1008	2	504	5	1013	2	507	0	1013	2	507
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	711	1	360	-34	677	343	226	946	1	477	-34	912	1	460	0	912	1	460
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	8	0	360	0	8	343	0	8	0	477	0	8	0	460	0	8	0	460
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
	CRITICAL VOLUMES	North-South:		488	North-South:		492	North-South:			538	North-South:			545	North-South:			545
		East-West:		360	East-West:		343	East-West:			477	East-West:			460	East-West:			460
		SUM:		848	SUM:		835	SUM:			1015	SUM:			1005	SUM:			1005
	VOLUME/CAPACITY (V/C) RATIO:			0.565			0.557				0.677				0.670				0.670
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.465			0.457				0.577				0.570				0.570
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: -0.007 | Δv/c after mitigation: -0.007
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	155	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	80	1	80	0	80	80	0	81	1	81	0	81	1	81	0	81	1	81
	Left-Through		0							0				0				0	
	Through	892	1	499	17	909	510	132	1035	1	571	17	1052	1	582	0	1052	1	582
	Through-Right		1							1				1				1	
	Right	105	0	105	5	110	110	0	106	0	106	5	111	0	111	0	111	0	111
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	58	1	58	11	69	69	0	59	1	59	11	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	913	2	457	11	924	462	98	1022	2	511	11	1033	2	517	0	1033	2	517
	Through-Right		0							0				0				0	
	Right	122	1	87	0	122	87	0	123	1	87	0	123	1	87	0	123	1	87
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	71	1	71	0	71	71	0	72	1	72	0	72	1	72	0	72	1	72
	Left-Through		0							0				0				0	
	Through	823	1	479	149	972	553	61	894	1	515	149	1043	1	590	0	1043	1	590
	Through-Right		1							1				1				1	
	Right	134	0	134	0	134	134	0	136	0	136	0	136	0	136	0	136	0	136
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	75	1	75	0	75	75	0	76	1	76	0	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	690	1	376	0	690	376	41	739	1	401	0	739	1	401	0	739	1	401
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		557	North-South:		579	North-South:			630	North-South:			652	North-South:			652
		East-West:		554	East-West:		628	East-West:			591	East-West:			666	East-West:			666
		SUM:		1111	SUM:		1207	SUM:			1221	SUM:			1318	SUM:			1318
	VOLUME/CAPACITY (V/C) RATIO:			0.741			0.805				0.814				0.879				0.879
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.641			0.705				0.714				0.779				0.779
	LEVEL OF SERVICE (LOS):			B			C				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.065 | Δv/c after mitigation: 0.065
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	156	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	109	1	109	0	109	109	13	123	1	123	0	123	1	123	0	123	1	123
	Left-Through		0							0				0				0	
	Through	825	1	437	4	829	439	92	927	1	488	4	931	1	491	0	931	1	491
	Through-Right		1							1				1				1	
	Right	48	0	48	1	49	49	0	49	0	49	1	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	59	1	59	3	62	62	0	60	1	60	3	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	970	1	515	3	973	517	96	1078	1	570	3	1081	1	571	0	1081	1	571
	Through-Right		1							1				1				1	
	Right	60	0	60	0	60	60	0	61	0	61	0	61	0	61	0	61	0	61
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	78	1	78	0	78	78	0	79	1	79	0	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	750	1	459	166	916	542	49	808	1	495	166	974	1	578	0	974	1	578
	Through-Right		1							1				1				1	
	Right	167	0	167	0	167	167	13	182	0	182	0	182	0	182	0	182	0	182
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	32	1	32	0	32	32	0	32	1	32	0	32	1	32	0	32	1	32
	Left-Through		0							0				0				0	
	Through	587	1	315	0	587	315	28	622	1	333	0	622	1	333	0	622	1	333
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		624	North-South:		626	North-South:			693	North-South:			694	North-South:			694
		East-West:		491	East-West:		574	East-West:			527	East-West:			610	East-West:			610
		SUM:		1115	SUM:		1200	SUM:			1220	SUM:			1304	SUM:			1304
	VOLUME/CAPACITY (V/C) RATIO:			0.743			0.800				0.813				0.869				0.869
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.643			0.700				0.713				0.769				0.769
	LEVEL OF SERVICE (LOS):			B			C				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.056 | Δv/c after mitigation: 0.056
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	157	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	66	1	66	0	66	66	0	67	1	67	0	67	1	67	0	67	1	67
	Left-Through		0							0				0				0	
	Through	1107	1	604	99	1206	656	225	1345	1	723	99	1444	1	775	0	1444	1	775
	Through-Right		1							1				1				1	
	Right	100	0	100	5	105	105	0	101	0	101	5	106	0	106	0	106	0	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	67	1	67	11	78	78	0	68	1	68	11	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	1105	1	592	11	1116	598	220	1338	1	709	11	1349	1	715	0	1349	1	715
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	0	80	0	80	0	80	0	80	0	80	0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	82	1	82	10	92	92	0	83	1	83	10	93	1	93	0	93	1	93
	Left-Through		0							0				0				0	
	Through	691	1	397	160	851	477	49	748	1	426	160	908	1	506	0	908	1	506
	Through-Right		1							1				1				1	
	Right	102	0	102	0	102	102	0	103	0	103	0	103	0	103	0	103	0	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	76	1	76	0	76	76	0	77	1	77	0	77	1	77	0	77	1	77
	Left-Through		0							0				0				0	
	Through	617	1	354	0	617	354	28	652	1	372	0	652	1	372	0	652	1	372
	Through-Right		1							1				1				1	
	Right	91	0	91	0	91	91	0	92	0	92	0	92	0	92	0	92	0	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		671	North-South:		734	North-South:			791	North-South:			854	North-South:			854
		East-West:		473	East-West:		553	East-West:			503	East-West:			583	East-West:			583
		SUM:		1144	SUM:		1287	SUM:			1294	SUM:			1437	SUM:			1437
VOLUME/CAPACITY (v/c) RATIO:				0.763			0.858				0.863				0.958				0.958
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.663			0.758				0.763				0.858				0.858
LEVEL OF SERVICE (LOS):				B			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.095 | Δv/c after mitigation: 0.095
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	158	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	96	1	96	0	96	96	0	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	1404	2	488	279	1683	593	286	1707	2	591	279	1986	2	696	0	1986	2	696
	Through-Right		1							1				1				1	
	Right	60	0	60	36	96	96	6	67	0	67	36	103	0	103	0	103	0	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	74	1	74	2	76	76	1	76	1	76	2	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	1455	2	728	-32	1423	712	245	1718	2	859	-32	1686	2	843	0	1686	2	843
	Through-Right		0							0				0				0	
	Right	135	1	79	0	135	56	1	138	1	82	0	138	1	59	0	138	1	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	112	1	112	46	158	158	0	113	1	113	46	159	1	159	0	159	1	159
	Left-Through		0							0				0				0	
	Through	496	1	322	130	626	387	49	551	1	351	130	681	1	416	0	681	1	416
	Through-Right		1							1				1				1	
	Right	148	0	148	0	148	148	0	150	0	150	0	150	0	150	0	150	0	150
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	127	1	127	61	188	188	9	138	1	138	61	199	1	199	0	199	1	199
	Left-Through		0							0				0				0	
	Through	542	1	325	0	542	325	27	576	1	343	0	576	1	343	0	576	1	343
	Through-Right		1							1				1				1	
	Right	108	0	108	0	108	108	0	109	0	109	0	109	0	109	0	109	0	109
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		824	North-South:		808	North-South:			956	North-South:			940	North-South:			940
		East-West:		449	East-West:		575	East-West:			489	East-West:			615	East-West:			615
		SUM:		1273	SUM:		1383	SUM:			1445	SUM:			1555	SUM:			1555
VOLUME/CAPACITY (v/c) RATIO:				0.893			0.971				1.014				1.091				1.091
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.793			0.871				0.914				0.991				0.991
LEVEL OF SERVICE (LOS):				C			D				E				E				E

PROJECT IMPACT

Change in v/c due to project: 0.077 | Δv/c after mitigation: 0.077
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	159	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	90	1	90	0	90	90	0	91	1	91	0	91	1	91	0	91	1	91
	Left-Through		0							0				0				0	
	Through	970	1	535	22	992	548	132	1114	1	607	22	1136	1	621	0	1136	1	621
	Through-Right		1							1				1				1	
	Right	99	0	99	5	104	104	0	100	0	100	5	105	0	105	0	105	0	105
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	66	1	66	11	77	77	0	67	1	67	11	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	1146	1	597	0	1146	597	98	1258	1	653	0	1258	1	653	0	1258	1	653
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	0	48	0	48	0	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	59	1	59	0	59	59	0	60	1	60	0	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	717	2	275	139	856	321	147	873	2	327	139	1012	2	373	0	1012	2	373
	Through-Right		1							1				1				1	
	Right	107	0	107	0	107	107	0	108	0	108	0	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	106	1	106	0	106	106	0	107	1	107	0	107	1	107	0	107	1	107
	Left-Through		0							0				0				0	
	Through	614	2	236	35	649	248	116	737	2	278	35	772	2	289	0	772	2	289
	Through-Right		1							1				1				1	
	Right	95	0	95	0	95	95	0	96	0	96	0	96	0	96	0	96	0	96
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		687	North-South:		687	North-South:			744	North-South:			744	North-South:			744
		East-West:		381	East-West:		427	East-West:			434	East-West:			480	East-West:			480
		SUM:		1068	SUM:		1114	SUM:			1178	SUM:			1224	SUM:			1224
VOLUME/CAPACITY (v/c) RATIO:				0.777			0.810				0.857				0.890				0.890
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.677			0.710				0.757				0.790				0.790
LEVEL OF SERVICE (LOS):				B			C				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.033 | Δv/c after mitigation: 0.033
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	160	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	139	1	139	0	139	139	0	141	1	141	0	141	1	141	0	141	1	141
	Left-Through		0							0				0				0	
	Through	919	1	529	6	925	533	83	1013	1	577	6	1019	1	581	0	1019	1	581
	Through-Right		1							1				1				1	
	Right	139	0	139	1	140	140	0	141	0	141	1	142	0	142	0	142	0	142
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	111	1	111	3	114	114	21	133	1	133	3	136	1	136	0	136	1	136
	Left-Through		0							0				0				0	
	Through	1015	1	533	0	1015	533	87	1114	1	583	0	1114	1	583	0	1114	1	583
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	58	1	58	0	58	58	0	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	643	2	258	156	799	310	147	798	2	311	156	954	2	363	0	954	2	363
	Through-Right		1							1				1				1	
	Right	132	0	132	0	132	132	0	134	0	134	0	134	0	134	0	134	0	134
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	140	1	140	0	140	140	0	142	1	142	0	142	1	142	0	142	1	142
	Left-Through		0							0				0				0	
	Through	571	2	214	35	606	226	116	694	2	263	35	729	2	275	0	729	2	275
	Through-Right		1							1				1				1	
	Right	72	0	72	0	72	72	22	95	0	95	0	95	0	95	0	95	0	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		672	North-South:		672	North-South:			724	North-South:			724	North-South:			724
		East-West:		398	East-West:		450	East-West:			453	East-West:			505	East-West:			505
		SUM:		1070	SUM:		1122	SUM:			1177	SUM:			1229	SUM:			1229
VOLUME/CAPACITY (v/c) RATIO:				0.778			0.816				0.856				0.894				0.894
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.678			0.716				0.756				0.794				0.794
LEVEL OF SERVICE (LOS):				B			C				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.038 | Δv/c after mitigation: 0.038
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	161	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	97	1	**97**	0	97	**97**	0	98	1	**98**	0	98	1	**98**	0	98	1	**98**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1103	2	552	104	1207	**604**	225	1341	2	671	104	1445	2	**723**	0	1445	2	**723**
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	213	1	23	5	218	28	0	216	1	24	5	221	1	29	0	221	1	29
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	77	1	77	11	88	**88**	0	78	1	78	11	89	1	**89**	0	89	1	**89**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1081	2	**541**	0	1081	541	220	1314	2	**657**	0	1314	2	657	0	1314	2	657
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	68	1	27	0	68	27	0	69	1	27	0	69	1	27	0	69	1	27
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	83	1	83	0	83	83	0	84	1	84	0	84	1	84	0	84	1	84
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	748	2	**374**	160	908	**454**	126	883	2	**442**	160	1043	2	**522**	0	1043	2	**522**
EASTBOUND Through-Right									0				0				0	
EASTBOUND Right	83	1	35	0	83	35	0	84	1	35	0	84	1	35	0	84	1	35
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	190	1	**190**	0	190	**190**	0	192	1	**192**	0	192	1	**192**	0	192	1	**192**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	820	2	303	35	855	314	94	924	2	338	35	959	2	349	0	959	2	349
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	88	0	88	0	88	88	0	89	0	89	0	89	0	89	0	89	0	89
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		638	North-South:		692	North-South:			755	North-South:			812	North-South:			812
	East-West:		564	East-West:		644	East-West:			634	East-West:			714	East-West:			714
	SUM:		1202	SUM:		1336	SUM:			1389	SUM:			1526	SUM:			1526
VOLUME/CAPACITY (V/C) RATIO:			0.874			0.972				1.010				1.110				1.110
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.774			0.872				0.910				1.010				1.010
LEVEL OF SERVICE (LOS):			C			D				E				F				F

PROJECT IMPACT

Change in v/c due to project: 0.100 — Δv/c after mitigation: 0.100

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	162	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	72	1	**72**	0	72	72	0	73	1	**73**	0	73	1	73	0	73	1	73
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1119	2	560	268	1387	**694**	277	1409	2	705	268	1677	2	**839**	0	1677	2	**839**
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	91	1	46	5	96	51	0	92	1	47	5	97	1	52	0	97	1	52
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	134	1	134	2	136	**136**	14	150	1	150	2	152	1	**152**	0	152	1	**152**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1399	2	**700**	27	1426	713	240	1656	2	**828**	27	1683	2	842	0	1683	2	842
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	221	1	169	0	221	146	0	224	1	172	0	224	1	149	0	224	1	149
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	104	1	104	46	150	**150**	0	105	1	105	46	151	1	**151**	0	151	1	**151**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	862	2	**323**	130	992	367	126	998	2	**369**	130	1128	2	412	0	1128	2	412
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	108	0	108	0	108	108	0	109	0	109	0	109	0	109	0	109	0	109
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	90	1	**90**	0	90	90	0	91	1	**91**	0	91	1	91	0	91	1	91
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	775	2	305	35	810	**316**	94	878	2	345	35	913	2	**356**	0	913	2	**356**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	139	0	139	0	139	139	15	156	0	156	0	156	0	156	0	156	0	156
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		772	North-South:		830	North-South:			901	North-South:			991	North-South:			991
	East-West:		413	East-West:		466	East-West:			460	East-West:			507	East-West:			507
	SUM:		1185	SUM:		1296	SUM:			1361	SUM:			1498	SUM:			1498
VOLUME/CAPACITY (V/C) RATIO:			0.832			0.909				0.955				1.051				1.051
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.732			0.809				0.855				0.951				0.951
LEVEL OF SERVICE (LOS):			C			D				D				E				E

PROJECT IMPACT

Change in v/c due to project: 0.096 — Δv/c after mitigation: 0.096

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	163	North-South Street:	I-10 WB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	20th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	2	2	2	2
ATSAC-1 or ATSAC+ATCS-2?	0	0	0	0
Override Capacity	2	2	2	2
	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	44	1	44	0	44	44	0	45	1	45	0	45	1	45	0	45	1	45
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	209	1	**209**	0	209	**209**	72	284	1	**284**	0	284	1	**284**	0	284	1	**284**
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	27	0	**90**	0	27	**90**	0	27	0	**91**	0	27	0	**91**	0	27	0	**91**
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	63	0	0	0	63	0	0	64	0	0	0	64	0	0	0	64	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	727	1	**727**	27	754	**754**	141	877	1	**877**	27	904	1	**904**	0	904	1	**904**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		209	North-South:		209	North-South:			284	North-South:			284	North-South:			284
	East-West:		817	East-West:		844	East-West:			968	East-West:			995	East-West:			995
	SUM:		1026	SUM:		1053	SUM:			1252	SUM:			1279	SUM:			1279
VOLUME/CAPACITY (V/C) RATIO:			0.684			0.702				0.835				0.853				0.853
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.584			0.602				0.735				0.753				0.753
LEVEL OF SERVICE (LOS):			A			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.018 — Δv/c after mitigation: 0.018

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	164	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	I-10 EB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1090	2	**545**	28	1118	**559**	125	1228	2	**614**	28	1256	2	**628**	0	1256	2	**628**
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	99	1	99	0	99	99	0	100	1	100	0	100	1	100	0	100	1	100
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	273	2	**150**	0	273	**150**	53	329	2	**181**	0	329	2	**181**	0	329	2	**181**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1007	2	504	0	1007	504	73	1092	2	546	0	1092	2	546	0	1092	2	546
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	370	1	370	82	452	**452**	89	463	1	**463**	82	545	1	**545**	0	545	1	**545**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	35	0	**380**	0	35	380	0	35	0	426	0	35	0	426	0	35	0	426
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	345	0	0	0	345	0	42	391	0	0	0	391	0	0	0	391	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		695	North-South:		709	North-South:			795	North-South:			809	North-South:			809
	East-West:		380	East-West:		452	East-West:			463	East-West:			545	East-West:			545
	SUM:		1075	SUM:		1161	SUM:			1258	SUM:			1354	SUM:			1354
VOLUME/CAPACITY (V/C) RATIO:			0.754			0.815				0.883				0.950				0.950
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.654			0.715				0.783				0.850				0.850
LEVEL OF SERVICE (LOS):			B			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.067 — Δv/c after mitigation: 0.067

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	165	North-South Street:	I-10 EB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Hoover	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases		3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1169	2	462	23	1192	470	141	1324	2	515	23	1347	2	523	0	1347	2	523
	Through-Right		1							1				1				1	
	Right	218	0	218	0	218	218	0	221	0	221	0	221	0	221	0	221	0	221
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	202	1	202	0	202	202	10	214	1	214	0	214	1	214	0	214	1	214
	Left-Through		0							0				0				0	
	Through	1029	3	343	0	1029	343	111	1152	3	384	0	1152	3	384	0	1152	3	384
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	509	1	425	244	753	547	86	601	1	480	244	845	1	602	0	845	1	602
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	341	0	425	0	341	547	13	358	0	480	0	358	0	602	0	358	0	602
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		664	North-South:		672	North-South:			729	North-South:			737	North-South:			737
		East-West:		425	East-West:		547	East-West:			480	East-West:			602	East-West:			602
		SUM:		1089	SUM:		1219	SUM:			1209	SUM:			1339	SUM:			1339
VOLUME/CAPACITY (V/C) RATIO:				0.764			0.855				0.848				0.940				0.940
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.664			0.755				0.748				0.840				0.840
LEVEL OF SERVICE (LOS):				B			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.092 — Δv/c after mitigation: 0.092

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	166	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	34	0	34	0	34	34	0	34	0	34	0	34	0	34	0	34	0	34
	Left-Through		1							1				1				1	
	Through	340	0	250	755	1095	627	184	528	0	378	755	1283	0	755	0	1283	0	755
	Through-Right		1							1				1				1	
	Right	23	0	250	0	23	627	0	23	0	378	0	23	0	755	0	23	0	755
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	48	0	48	0	48	48	5	54	0	54	0	54	0	54	0	54	0	54
	Left-Through		1							1				1				1	
	Through	782	0	451	0	782	547	232	1023	0	583	0	1023	0	691	0	1023	0	691
	Through-Right		1							1				1				1	
	Right	24	0	451	0	24	547	11	35	0	583	0	35	0	691	0	35	0	691
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	19	0	19	85	104	104	0	19	0	19	85	104	0	104	0	104	0	104
	Left-Through		1							1				1				1	
	Through	430	0	260	23	453	471	6	441	0	266	23	464	0	477	0	464	0	477
	Through-Right		1							1				1				1	
	Right	52	0	260	20	72	471	0	53	0	266	20	73	0	477	0	73	0	477
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
	Left-Through		1							1				1				1	
	Through	369	0	232	147	516	415	23	396	0	249	147	543	0	432	0	543	0	432
	Through-Right		1							1				1				1	
	Right	25	0	232	218	243	415	7	32	0	249	218	250	0	432	0	250	0	432
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		485	North-South:		675	North-South:			617	North-South:			809	North-South:			809
		East-West:		295	East-West:		519	East-West:			301	East-West:			536	East-West:			536
		SUM:		780	SUM:		1194	SUM:			918	SUM:			1345	SUM:			1345
VOLUME/CAPACITY (V/C) RATIO:				0.520			0.796				0.612				0.897				0.897
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.420			0.696				0.512				0.797				0.797
LEVEL OF SERVICE (LOS):				A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.285 — Δv/c after mitigation: 0.285

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	167	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	24	1	24	10	34	34	14	38	1	38	10	48	1	48	0	48	1	48
	Left-Through		0							0				0				0	
	Through	457	1	246	131	588	311	120	583	1	309	131	714	1	374	0	714	1	374
	Through-Right		1							1				1				1	
	Right	34	0	34	0	34	34	0	34	0	34	0	34	0	34	0	34	0	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	677	1	353	-8	669	349	122	807	1	420	-8	799	1	416	0	799	1	416
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	4	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	21	0	21	0	21	21	0	21	0	21	0	21	0	21	0	21	0	21
	Left-Through		1							1				1				1	
	Through	378	0	252	15	393	284	7	390	1	260	15	405	1	293	0	405	1	293
	Through-Right		1							1				1				1	
	Right	83	0	252	8	91	284	4	88	0	260	8	96	0	293	0	96	0	293
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	79	0	79	55	134	134	0	80	0	80	55	135	0	135	0	135	0	135
	Left-Through		1							1				1				1	
	Through	361	0	277	355	716	510	11	376	0	286	355	731	0	518	0	731	0	518
	Through-Right		1							1				1				1	
	Right	35	0	277	0	35	510	0	35	0	286	0	35	0	518	0	35	0	518
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		377	North-South:		383	North-South:			458	North-South:			464	North-South:			464
		East-West:		331	East-West:		531	East-West:			340	East-West:			539	East-West:			539
		SUM:		708	SUM:		914	SUM:			798	SUM:			1003	SUM:			1003
VOLUME/CAPACITY (V/C) RATIO:				0.472			0.609				0.532				0.669				0.669
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.372			0.509				0.432				0.569				0.569
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.137 — Δv/c after mitigation: 0.137

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	168	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/1/2012
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	598	1	320	0	598	320	169	774	1	409	0	774	1	409	0	774	1	409
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	754	1	396	0	754	401	154	917	0	958	0	917	0	967	0	917	0	967
	Through-Right		1							1				1				1	
	Right	38	0	38	9	47	47	3	41	0	0	9	50	0	0	0	50	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	60	0	60	9	69	69	0	61	0	61	9	70	0	70	0	70	0	70
	Left-Through		1							1				1				1	
	Through	325	0	269	6	331	350	7	336	0	276	6	342	0	358	0	342	0	358
	Through-Right		1							1				1				1	
	Right	92	0	269	0	92	350	0	93	0	276	0	93	0	358	0	93	0	358
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	43	0	43	1	44	44	0	44	0	44	1	45	0	45	0	45	0	45
	Left-Through		1							1				1				1	
	Through	403	0	268	402	805	470	8	416	0	276	402	818	0	478	0	818	0	478
	Through-Right		1							1				1				1	
	Right	46	0	268	0	46	470	0	47	0	276	0	47	0	478	0	47	0	478
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		421	North-South:		426	North-South:			983	North-South:			992	North-South:			992
		East-West:		328	East-West:		539	East-West:			337	East-West:			548	East-West:			548
		SUM:		749	SUM:		965	SUM:			1320	SUM:			1540	SUM:			1540
VOLUME/CAPACITY (V/C) RATIO:				0.499			0.643				0.880				1.027				1.027
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.399			0.543				0.780				0.927				0.927
LEVEL OF SERVICE (LOS):				A			A				C				E				E

PROJECT IMPACT

Change in v/c due to project: 0.147 — Δv/c after mitigation: 0.147

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	169	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
	Left-Through		1							1				1				1	
	Through	206	0	144	0	206	144	43	251	0	167	0	251	0	167	0	251	0	167
	Through-Right		1							1				1				1	
	Right	14	0	144	0	14	144	0	14	0	167	0	14	0	167	0	14	0	167
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
	Left-Through		1							1				1				1	
	Through	616	0	335	0	616	335	31	654	0	354	0	654	0	354	0	654	0	354
	Through-Right		1							1				1				1	
	Right	38	0	335	0	38	335	0	38	0	354	0	38	0	354	0	38	0	354
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through		1							1				1				1	
	Through	268	0	227	0	268	264	0	271	0	229	0	271	0	266	0	271	0	266
	Through-Right		1							1				1				1	
	Right	112	0	227	0	112	264	0	113	0	229	0	113	0	266	0	113	0	266
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	41	0	41	176	217	217	0	41	0	41	176	217	0	217	0	217	0	217
	Left-Through		1							1				1				1	
	Through	451	0	281	402	853	658	8	464	0	288	402	866	0	665	0	866	0	665
	Through-Right		1							1				1				1	
	Right	29	0	281	0	29	658	0	29	0	288	0	29	0	665	0	29	0	665
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		352	North-South:		352	North-South:			371	North-South:			371	North-South:			371
		East-West:		318	East-West:		695	East-West:			325	East-West:			702	East-West:			702
		SUM:		670	SUM:		1047	SUM:			696	SUM:			1073	SUM:			1073
VOLUME/CAPACITY (V/C) RATIO:				0.447			0.698				0.464				0.715				0.715
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.347			0.598				0.364				0.615				0.615
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.251 Δv/c after mitigation: 0.251

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	170	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	80	1	80	0	80	80	0	81	1	81	0	81	1	81	0	81	1	81
	Left-Through		0							0				0				0	
	Through	430	2	215	0	430	215	0	435	2	218	0	435	2	218	0	435	2	218
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	829	1	600	0	829	600	0	839	1	607	0	839	1	607	0	839	1	607
	Through-Right		1							1				1				1	
	Right	371	0	371	0	371	371	0	375	0	375	0	375	0	375	0	375	0	375
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	97	1	97	0	97	97	0	98	1	98	0	98	1	98	0	98	1	98
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	234	1	194	0	234	194	0	237	1	197	0	237	1	197	0	237	1	197
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	328	1	328	0	328	328	0	332	1	332	0	332	1	332	0	332	1	332
	Left-Through		0							0				0				0	
	Through	483	1	348	578	1061	638	8	497	1	356	578	1075	1	647	0	1075	1	647
	Through-Right		1							1				1				1	
	Right	212	0	212	3	215	215	0	215	0	215	3	218	0	218	0	218	0	218
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		680	North-South:		680	North-South:			688	North-South:			688	North-South:			688
		East-West:		522	East-West:		735	East-West:			529	East-West:			745	East-West:			745
		SUM:		1202	SUM:		1415	SUM:			1217	SUM:			1433	SUM:			1433
VOLUME/CAPACITY (V/C) RATIO:				0.801			0.943				0.811				0.955				0.955
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.701			0.843				0.711				0.855				0.855
LEVEL OF SERVICE (LOS):				C			D				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.144 Δv/c after mitigation: 0.144

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	171	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	163	1	163	6	169	169	0	165	1	165	6	171	1	171	0	171	1	171
	Left-Through		0							0				0				0	
	Through	448	2	224	64	512	256	62	515	2	258	64	579	2	290	0	579	2	290
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	856	1	563	-12	844	563	99	965	1	619	-12	953	1	619	0	953	1	619
	Through-Right		1							1				1				1	
	Right	270	0	270	11	281	281	0	273	0	273	11	284	0	284	0	284	0	284
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	265	0	265	0	265	265	0	268	0	268	0	268	0	268	0	268	0	268
	Left-Through		1							1				1				1	
	Through	411	2	206	184	595	287	8	424	2	212	184	608	2	292	0	608	2	292
	Through-Right		0							0				0				0	
	Right	136	1	136	0	136	136	0	138	1	138	0	138	1	138	0	138	1	138
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		726	North-South:		732	North-South:			784	North-South:			790	North-South:			790
		East-West:		265	East-West:		287	East-West:			268	East-West:			292	East-West:			292
		SUM:		991	SUM:		1019	SUM:			1052	SUM:			1082	SUM:			1082
VOLUME/CAPACITY (V/C) RATIO:				0.695			0.715				0.738				0.759				0.759
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.595			0.615				0.638				0.659				0.659
LEVEL OF SERVICE (LOS):				A			B				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.021 Δv/c after mitigation: 0.021

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	172	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	73	1	73	27	100	100	0	74	1	74	27	101	1	101	0	101	1	101
	Left-Through		0							0				0				0	
	Through	675	1	371	58	733	400	198	881	1	475	58	939	1	504	0	939	1	504
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	43	1	43	0	43	43	26	70	1	70	0	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	690	1	371	-15	675	365	229	927	1	492	-15	912	1	486	0	912	1	486
	Through-Right		1							1				1				1	
	Right	51	0	51	3	54	54	4	56	0	56	3	59	0	59	0	59	0	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	86	1	86	0	86	86	8	95	1	95	0	95	1	95	0	95	1	95
	Left-Through		0							0				0				0	
	Through	908	1	506	0	908	514	68	987	1	546	0	987	1	554	0	987	1	554
	Through-Right		1							1				1				1	
	Right	103	0	103	16	119	119	0	104	0	104	16	120	0	120	0	120	0	120
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	174	1	174	0	174	174	0	176	1	176	0	176	1	176	0	176	1	176
	Left-Through		0							0				0				0	
	Through	991	1	548	39	1030	574	92	1095	1	607	39	1134	1	633	0	1134	1	633
	Through-Right		1							1				1				1	
	Right	105	0	105	12	117	117	13	119	0	119	12	131	0	131	0	131	0	131
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		444	North-South:		465	North-South:			566	North-South:			587	North-South:			587
		East-West:		680	East-West:		688	East-West:			722	East-West:			730	East-West:			730
		SUM:		1124	SUM:		1153	SUM:			1288	SUM:			1317	SUM:			1317
VOLUME/CAPACITY (V/C) RATIO:				0.817			0.839				0.937				0.958				0.958
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.717			0.739				0.837				0.858				0.858
LEVEL OF SERVICE (LOS):				C			C				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.021 Δv/c after mitigation: 0.021

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	173	North-South Street:	Wilton Place (ext. of Arlington)	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2
Override Capacity			0			0			0			0			0			0			0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	73	1	73	0	73	73	0	74	1	74	0	74	1	74	0	74	1	74
	Left-Through		0							0				0				0	
	Through	921	1	499	0	921	499	0	932	1	505	0	932	1	505	0	932	1	505
	Through-Right		1							1				1				1	
	Right	76	0	76	0	76	76	0	77	0	77	0	77	0	77	0	77	0	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	64	1	64	0	64	64	0	65	1	65	0	65	1	65	0	65	1	65
	Left-Through		0							0				0				0	
	Through	1108	1	**620**	0	1108	**620**	0	1121	1	**628**	0	1121	1	**628**	0	1121	1	**628**
	Through-Right		1							1				1				1	
	Right	132	0	132	0	132	132	0	134	0	134	0	134	0	134	0	134	0	134
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
JND	Left	188	1	188	0	188	188	0	190	1	**190**	0	190	1	190	0	190	1	190
	Left-Through		0							0				0				0	
	Through	1170	2	[illegible]	52	1222	[illegible]	97	1271	2	441	52	1234	2	[illegible]	0	1234	2	[illegible]
	Through-Right		1							1				1				1	
	Right		0							0				0				0	
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	Left		1							1				1				1	
	Left-Through		0							0				0				0	
	Through		2							2				2				2	
	Through-Right		1							1				1				1	
	Right		0							0				0				0	
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
				693	*North-South:*						702				702				702
				531	*East-West:*						572				584				584
			SUM:	1224	*SUM:*					*SUM:*	1274			*SUM:*	1286			*SUM:*	1286
				0.816							0.849				0.857				0.857
				0.746							**0.749**				**0.757**				**0.757**
				C							**C**				**C**				**C**
															0.008				**0.008**
															NO				**N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	174	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0			0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	54	1	54	0	54	54	0	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	725	2	363	0	725	363	0	734	2	367	0	734	2	367	0	734	2	367
	Through-Right		1							1				1				1	
	Right	61	1	25	0	61	25	0	62	1	25	0	62	1	25	0	62	1	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	136	1	136	0	136	136	0	138	1	138	0	138	1	138	0	138	1	138
	Left-Through		0							0				0				0	
	Through	942	2	**471**	0	942	**471**	0	953	2	**477**	0	953	2	**477**	0	953	2	**477**
	Through-Right		0							0				0				0	
	Right	130	1	77	0	130	77	0	132	1	79	0	132	1	79	0	132	1	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	106	1	106	0	106	106	0	107	1	107	0	107	1	107	0	107	1	107
	Left-Through		0							0				0				0	
	Through	1494	3	**498**	178	1672	**557**	193	1705	3	**568**	178	1883	3	**628**	0	1883	3	**628**
	Through-Right		0							0				0				0	
	Right	128	1	101	0	128	101	0	130	1	103	0	130	1	103	0	130	1	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	73	1	**73**	0	73	**73**	0	74	1	**74**	0	74	1	**74**	0	74	1	**74**
	Left-Through		0							0				0				0	
	Through	1172	3	391	0	1172	391	185	1371	3	457	0	1371	3	457	0	1371	3	457
	Through-Right		0							0				0				0	
	Right	79	1	11	0	79	11	0	80	1	11	0	80	1	11	0	80	1	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		525	*North-South:*		525	*North-South:*			532	*North-South:*			532	*North-South:*			532
		East-West:		571	*East-West:*		630	*East-West:*			642	*East-West:*			702	*East-West:*			702
		SUM:		1096	*SUM:*		1155	*SUM:*			1174	*SUM:*			1234	*SUM:*			1234
VOLUME/CAPACITY (V/C) RATIO:				0.731			0.770				0.783				0.823				0.823
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.631**			**0.670**				**0.683**				**0.723**				**0.723**
LEVEL OF SERVICE (LOS):				**B**			**B**				**B**				**C**				**C**

PROJECT IMPACT

Change in v/c due to project: **0.040** Δv/c after mitigation: **0.040**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	175	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0			0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	100	1	**100**	0	100	**100**	0	101	1	**101**	0	101	1	**101**	0	101	1	**101**
	Left-Through		0							0				0				0	
	Through	782	2	391	0	782	391	0	791	2	396	0	791	2	396	0	791	2	396
	Through-Right		0							0				0				0	
	Right	57	1	37	0	57	37	0	58	1	38	0	58	1	38	0	58	1	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	117	1	117	0	117	117	0	118	1	118	0	118	1	118	0	118	1	118
	Left-Through		0							0				0				0	
	Through	992	2	**496**	0	992	**496**	0	1004	2	**502**	0	1004	2	**502**	0	1004	2	**502**
	Through-Right		0							0				0				0	
	Right	98	1	40	0	98	40	0	99	1	40	0	99	1	40	0	99	1	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	117	1	117	0	117	117	0	118	1	118	0	118	1	118	0	118	1	118
	Left-Through		0							0				0				0	
	Through	754	1	**413**	54	808	**440**	130	893	1	**483**	54	947	1	**510**	0	947	1	**510**
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	0	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	41	1	**41**	0	41	**41**	0	41	1	**41**	0	41	1	**41**	0	41	1	**41**
	Left-Through		0							0				0				0	
	Through	508	1	292	0	508	292	124	638	1	358	0	638	1	358	0	638	1	358
	Through-Right		1							1				1				1	
	Right	76	0	76	0	76	76	0	77	0	77	0	77	0	77	0	77	0	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		596	*North-South:*		596	*North-South:*			603	*North-South:*			603	*North-South:*			603
		East-West:		454	*East-West:*		481	*East-West:*			524	*East-West:*			551	*East-West:*			551
		SUM:		1050	*SUM:*		1077	*SUM:*			1127	*SUM:*			1154	*SUM:*			1154
VOLUME/CAPACITY (V/C) RATIO:				0.700			0.718				0.751				0.769				0.769
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.600**			**0.618**				**0.651**				**0.669**				**0.669**
LEVEL OF SERVICE (LOS):				**A**			**B**				**B**				**B**				**B**

PROJECT IMPACT

Change in v/c due to project: **0.018** Δv/c after mitigation: **0.018**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	176	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			2				2				2				2				2				2
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0			0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	868	1	461	0	868	461	0	878	1	466	0	878	1	466	0	878	1	466
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	0	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	935	1	**505**	0	935	**505**	0	946	1	**511**	0	946	1	**511**	0	946	1	**511**
	Through-Right		1							1				1				1	
	Right	74	0	74	0	74	74	0	75	0	75	0	75	0	75	0	75	0	75
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	1050	2	**525**	149	1199	**600**	61	1124	2	**562**	149	1273	2	**637**	0	1273	2	**637**
	Through-Right		0							0				0				0	
	Right	235	1	235	0	235	235	0	238	1	238	0	238	1	238	0	238	1	238
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	50	1	50	0	50	50	0	51	1	51	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	736	1	**393**	0	736	**393**	41	786	1	**419**	0	786	1	**419**	0	786	1	**419**
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		505	*North-South:*		505	*North-South:*			511	*North-South:*			511	*North-South:*			511
		East-West:		918	*East-West:*		993	*East-West:*			981	*East-West:*			1056	*East-West:*			1056
		SUM:		1423	*SUM:*		1498	*SUM:*			1492	*SUM:*			1567	*SUM:*			1567
VOLUME/CAPACITY (V/C) RATIO:				0.949			0.999				0.995				1.045				1.045
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.849**			**0.899**				**0.895**				**0.945**				**0.945**
LEVEL OF SERVICE (LOS):				**D**			**D**				**D**				**E**				**E**

PROJECT IMPACT

Change in v/c due to project: **0.050** Δv/c after mitigation: **0.050**

Significant impacted? **YES** Fully mitigated? **NO**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	177	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	781	1	467	0	781	467	0	790	1	472	0	790	1	472	0	790	1	472
	Through-Right		1							1				1				1	
	Right	152	0	152	0	152	152	0	154	0	154	0	154	0	154	0	154	0	154
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1274	1	662	0	1274	662	0	1289	1	670	0	1289	1	670	0	1289	1	670
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	63	1	63	0	63	63	0	64	1	64	0	64	1	64	0	64	1	64
	Left-Through		0							0				0				0	
	Through	685	1	391	139	824	460	147	840	1	469	139	979	1	538	0	979	1	538
	Through-Right		1							1				1				1	
	Right	96	0	96	0	96	96	0	97	0	97	0	97	0	97	0	97	0	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	98	1	98	0	98	98	0	99	1	99	0	99	1	99	0	99	1	99
	Left-Through		0							0				0				0	
	Through	562	2	206	35	597	218	116	685	2	247	35	720	2	259	0	720	2	259
	Through-Right		1							1				1				1	
	Right	56	0	56	0	56	56	0	57	0	57	0	57	0	57	0	57	0	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		662	North-South:		662	North-South:			670	North-South:			670	North-South:			670
		East-West:		489	East-West:		558	East-West:			568	East-West:			637	East-West:			637
		SUM:		1151	SUM:		1220	SUM:			1238	SUM:			1307	SUM:			1307
VOLUME/CAPACITY (V/C) RATIO:				0.767			0.813				0.825				0.871				0.871
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.667			0.713				0.725				0.771				0.771
LEVEL OF SERVICE (LOS):				B			C				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.046 Δv/c after mitigation: 0.046

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	178	North-South Street:	Crenshaw	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	451	1	317	0	451	320	0	456	1	320	0	456	1	323	0	456	1	323
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		1							1				1				1	
	Right	499	1	157	9	508	160	0	505	1	158	9	514	1	161	0	514	1	161
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1152	2	546	44	1196	561	87	1253	2	627	44	1297	2	649	0	1297	2	649
	Through-Right		1							0				0				0	
	Right	486	0	486	0	486	486	0	492	1	332	0	492	1	331	0	492	1	331
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	321	1	321	0	321	321	0	325	1	325	0	325	1	325	0	325	1	325
	Left-Through		0							0				0				0	
	Through	876	3	292	0	876	292	105	992	1	992	0	992	1	992	0	992	1	992
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		317	North-South:		320	North-South:			320	North-South:			323	North-South:			323
		East-West:		867	East-West:		882	East-West:			992	East-West:			992	East-West:			992
		SUM:		1184	SUM:		1202	SUM:			1312	SUM:			1315	SUM:			1315
VOLUME/CAPACITY (V/C) RATIO:				0.831			0.844				0.921				0.923				0.923
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.761			0.774				0.821				0.823				0.823
LEVEL OF SERVICE (LOS):				C			C				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.002 Δv/c after mitigation: 0.002

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	179	North-South Street:	Crenshaw	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	85	1	85	0	85	85	0	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	889	1	528	9	898	548	0	900	1	534	9	909	1	554	0	909	1	554
	Through-Right		1							1				1				1	
	Right	166	0	166	31	197	197	0	168	0	168	31	199	0	199	0	199	0	199
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	90	1	90	0	90	90	0	91	1	91	0	91	1	91	0	91	1	91
	Left-Through		0							0				0				0	
	Through	855	2	428	0	855	428	0	865	2	433	0	865	2	433	0	865	2	433
	Through-Right		0							0				0				0	
	Right	74	1	22	0	74	22	0	75	1	22	0	75	1	22	0	75	1	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	105	1	105	0	105	105	0	106	1	106	0	106	1	106	0	106	1	106
	Left-Through		0							0				0				0	
	Through	1463	2	509	147	1610	558	193	1674	2	579	147	1821	2	628	0	1821	2	628
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	0	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	148	1	148	0	148	148	0	150	1	150	0	150	1	150	0	150	1	150
	Left-Through		0							0				0				0	
	Through	1011	2	363	0	1011	363	185	1208	2	429	0	1208	2	429	0	1208	2	429
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	0	80	0	80	0	80	0	80	0	80	0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		618	North-South:		638	North-South:			625	North-South:			645	North-South:			645
		East-West:		657	East-West:		706	East-West:			729	East-West:			778	East-West:			778
		SUM:		1275	SUM:		1344	SUM:			1354	SUM:			1423	SUM:			1423
VOLUME/CAPACITY (V/C) RATIO:				0.927			0.977				0.985				1.035				1.035
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.827			0.877				0.885				0.935				0.935
LEVEL OF SERVICE (LOS):				D			D				D				E				E

PROJECT IMPACT

Change in v/c due to project: 0.050 Δv/c after mitigation: 0.050

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	180	North-South Street:	Crenshaw	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	197	1	197	0	197	197	0	199	1	199	0	199	1	199	0	199	1	199
	Left-Through		0							0				0				0	
	Through	1038	1	580	41	1079	605	0	1051	1	587	41	1092	1	612	0	1092	1	612
	Through-Right		1							1				1				1	
	Right	121	0	121	10	131	131	0	122	0	122	10	132	0	132	0	132	0	132
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	84	1	84	0	84	84	0	85	1	85	0	85	1	85	0	85	1	85
	Left-Through		0							0				0				0	
	Through	974	1	526	0	974	526	0	986	1	532	0	986	1	532	0	986	1	532
	Through-Right		1							1				1				1	
	Right	77	0	77	0	77	77	0	78	0	78	0	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	74	1	74	0	74	74	0	75	1	75	0	75	1	75	0	75	1	75
	Left-Through		0							0				0				0	
	Through	758	2	379	45	803	402	130	897	2	449	45	942	2	471	0	942	2	471
	Through-Right		0							0				0				0	
	Right	135	1	37	0	135	37	0	137	1	38	0	137	1	38	0	137	1	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	70	1	70	0	70	70	0	71	1	71	0	71	1	71	0	71	1	71
	Left-Through		0							0				0				0	
	Through	511	1	276	0	511	276	124	641	1	341	0	641	1	341	0	641	1	341
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	0	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		723	North-South:		723	North-South:			731	North-South:			731	North-South:			731
		East-West:		449	East-West:		472	East-West:			520	East-West:			542	East-West:			542
		SUM:		1172	SUM:		1195	SUM:			1251	SUM:			1273	SUM:			1273
VOLUME/CAPACITY (V/C) RATIO:				0.822			0.839				0.878				0.893				0.893
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.722			0.739				0.778				0.793				0.793
LEVEL OF SERVICE (LOS):				C			C				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.015 Δv/c after mitigation: 0.015

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	181	North-South Street:	Crenshaw	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	307	1	307	0	307	307	0	311	1	311	0	311	1	311	0	311	1	311
	Left-Through		0							0				0				0	
	Through	1089	1	584	50	1139	617	0	1102	1	591	50	1152	1	624	0	1152	1	624
	Through-Right		1							1				1				1	
	Right	78	0	78	16	94	94	0	79	0	79	16	95	0	95	0	95	0	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	80	1	80	0	80	80	0	81	1	81	0	81	1	81	0	81	1	81
	Left-Through		0							0				0				0	
	Through	987	2	494	0	987	494	0	999	2	500	0	999	2	500	0	999	2	500
	Through-Right		0							0				0				0	
	Right	66	1	0	0	66	0	0	67	1	0	0	67	1	0	0	67	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	133	1	133	0	133	133	0	135	1	135	0	135	1	135	0	135	1	135
	Left-Through		0							0				0				0	
	Through	1343	2	572	133	1476	616	61	1420	2	599	133	1553	2	643	0	1553	2	643
	Through-Right		1							1				1				1	
	Right	372	0	372	0	372	372	0	376	0	376	0	376	0	376	0	376	0	376
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	74	1	74	0	74	74	0	75	1	75	0	75	1	75	0	75	1	75
	Left-Through		0							0				0				0	
	Through	693	2	258	0	693	258	41	742	2	275	0	742	2	275	0	742	2	275
	Through-Right		1							1				1				1	
	Right	81	0	81	0	81	81	0	82	0	82	0	82	0	82	0	82	0	82
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		801	North-South:		801	North-South:			811	North-South:			811	North-South:			811
		East-West:		646	East-West:		690	East-West:			674	East-West:			718	East-West:			718
		SUM:		1447	SUM:		1491	SUM:			1485	SUM:			1529	SUM:			1529
VOLUME/CAPACITY (V/C) RATIO:				1.015			1.046				1.042				1.073				1.073
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.915			0.946				0.942				0.973				0.973
LEVEL OF SERVICE (LOS):				E			E				E				E				E

PROJECT IMPACT

Change in v/c due to project: 0.031 | Δv/c after mitigation: 0.031

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	182	North-South Street:	Crenshaw	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	148	1	148	0	148	148	0	150	1	150	0	150	1	150	0	150	1	150
	Left-Through		0							0				0				0	
	Through	1289	2	645	67	1356	678	0	1305	2	653	67	1372	2	686	0	1372	2	686
	Through-Right		1							1				1				1	
	Right	210	1	142	16	226	158	0	213	1	144	16	229	1	160	0	229	1	160
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	123	1	123	0	123	123	0	124	1	124	0	124	1	124	0	124	1	124
	Left-Through		0							0				0				0	
	Through	1248	2	624	0	1248	624	0	1263	2	632	0	1263	2	632	0	1263	2	632
	Through-Right		0							0				0				0	
	Right	88	1	49	0	88	49	0	89	1	50	0	89	1	50	0	89	1	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	78	1	78	0	78	78	0	79	1	79	0	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	736	2	368	123	859	430	147	892	2	446	123	1015	2	508	0	1015	2	508
	Through-Right		0							0				0				0	
	Right	180	1	106	0	180	106	0	182	1	107	0	182	1	107	0	182	1	107
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	137	1	137	0	137	137	0	139	1	139	0	139	1	139	0	139	1	139
	Left-Through		0							0				0				0	
	Through	525	2	212	35	560	224	116	647	2	253	35	682	2	265	0	682	2	265
	Through-Right		1							1				1				1	
	Right	111	0	111	0	111	111	0	112	0	112	0	112	0	112	0	112	0	112
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		772	North-South:		801	North-South:			782	North-South:			810	North-South:			810
		East-West:		505	East-West:		567	East-West:			585	East-West:			647	East-West:			647
		SUM:		1277	SUM:		1368	SUM:			1367	SUM:			1457	SUM:			1457
VOLUME/CAPACITY (V/C) RATIO:				0.929			0.995				0.994				1.060				1.060
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.829			0.895				0.894				0.960				0.960
LEVEL OF SERVICE (LOS):				D			D				D				E				E

PROJECT IMPACT

Change in v/c due to project: 0.066 | Δv/c after mitigation: 0.066

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	183	North-South Street:	San Vicente	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/1/2012
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	1149	1	575	29	1178	589	0	1163	1	582	29	1192	1	596	0	1192	1	596
	Left-Through		1							1				1				1	
	Through	0	0	575	0	0	589	0	0	0	582	0	0	0	596	0	0	0	596
	Through-Right		0							0				0				0	
	Right	14	0	0	0	14	0	0	14	0	0	0	14	0	0	0	14	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	46	1	46	0	46	46	0	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	811	2	275	97	908	307	61	882	2	298	97	979	2	331	0	979	2	331
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	0	13	0	13	0	13	0	13	0	13	0	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	574	3	191	0	574	191	41	622	3	207	0	622	3	207	0	622	3	207
	Through-Right		0							0				0				0	
	Right	473	1	186	0	473	179	0	479	1	188	0	479	1	181	0	479	1	181
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		585	North-South:		599	North-South:			592	North-South:			606	North-South:			606
		East-West:		275	East-West:		307	East-West:			298	East-West:			331	East-West:			331
		SUM:		860	SUM:		906	SUM:			890	SUM:			937	SUM:			937
VOLUME/CAPACITY (V/C) RATIO:				0.604			0.636				0.625				0.658				0.658
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.504			0.536				0.525				0.558				0.558
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.033 | Δv/c after mitigation: 0.033

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	184	North-South Street:	La Brea	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	71	1	71	0	71	71	0	72	1	72	0	72	1	72	0	72	1	72
	Left-Through		0							0				0				0	
	Through	1294	2	443	6	1300	452	0	1310	2	449	6	1316	2	457	0	1316	2	457
	Through-Right		1							1				1				1	
	Right	36	0	36	20	56	56	0	36	0	36	20	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	161	1	161	20	181	181	0	163	1	163	20	183	1	183	0	183	1	183
	Left-Through		0							0				0				0	
	Through	1413	2	517	27	1440	526	0	1430	2	524	27	1457	2	533	0	1457	2	533
	Through-Right		1							1				1				1	
	Right	139	0	139	0	139	139	0	141	0	141	0	141	0	141	0	141	0	141
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	145	1	145	0	145	145	0	147	1	147	0	147	1	147	0	147	1	147
	Left-Through		0							0				0				0	
	Through	1554	2	548	94	1648	579	193	1766	2	619	94	1860	2	650	0	1860	2	650
	Through-Right		1							1				1				1	
	Right	90	0	90	0	90	90	0	91	0	91	0	91	0	91	0	91	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	71	1	71	0	71	71	0	72	1	72	0	72	1	72	0	72	1	72
	Left-Through		0							0				0				0	
	Through	945	2	353	0	945	353	185	1141	2	419	0	1141	2	419	0	1141	2	419
	Through-Right		1							1				1				1	
	Right	114	0	114	0	114	114	0	115	0	115	0	115	0	115	0	115	0	115
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		604	North-South:		633	North-South:			612	North-South:			640	North-South:			640
		East-West:		619	East-West:		650	East-West:			691	East-West:			722	East-West:			722
		SUM:		1223	SUM:		1283	SUM:			1303	SUM:			1362	SUM:			1362
VOLUME/CAPACITY (V/C) RATIO:				0.889			0.933				0.948				0.991				0.991
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.789			0.833				0.848				0.891				0.891
LEVEL OF SERVICE (LOS):				C			D				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.043 | Δv/c after mitigation: 0.043

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	La Brea	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
185	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	58	1	**58**	0	58	**58**	0	59	1	**59**	0	59	1	**59**	0	59	1	**59**
	Left-Through		0							0				0				0	
	Through	1525	2	534	32	1557	548	0	1543	2	541	32	1575	2	555	0	1575	2	555
	Through-Right		1							1				1				1	
	Right	78	0	78	10	88	88	0	79	0	79	10	89	0	89	0	89	0	89
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	1700	2	**643**	10	1710	**647**	0	1721	2	**651**	10	1731	2	**655**	0	1731	2	**655**
	Through-Right		1							1				1				1	
	Right	230	0	230	0	230	230	0	233	0	233	0	233	0	233	0	233	0	233
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	317	1	**317**	0	317	**317**	0	321	1	**321**	0	321	1	**321**	0	321	1	**321**
	Left-Through		0							0				0				0	
	Through	1028	2	378	86	1114	406	61	1101	2	402	86	1187	2	431	0	1187	2	431
	Through-Right		1							1				1				1	
	Right	105	0	105	0	105	105	0	106	0	106	0	106	0	106	0	106	0	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	121	1	121	0	121	121	0	122	1	122	0	122	1	122	0	122	1	122
	Left-Through		0							0				0				0	
	Through	602	2	**224**	0	602	**224**	41	650	2	**241**	0	650	2	**241**	0	650	2	**241**
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	0	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		701	*North-South:*		705	*North-South:*			710	*North-South:*			714	*North-South:*			714
		East-West:		541	*East-West:*		541	*East-West:*			562	*East-West:*			562	*East-West:*			562
		SUM:		1242	*SUM:*		1246	*SUM:*			1272	*SUM:*			1276	*SUM:*			1276
VOLUME/CAPACITY (*V/C*) RATIO:				0.903			0.906				0.925				0.928				0.928
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.803**			**0.806**				**0.825**				**0.828**				**0.828**
LEVEL OF SERVICE (LOS):				**D**			**D**				**D**				**D**				**D**

PROJECT IMPACT

Change in *v/c* due to project: **0.003** | *Δv/c* after mitigation: **0.003**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	La Brea	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
186	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	105	1	**105**	0	105	105	0	106	1	**106**	0	106	1	106	0	106	1	106
	Left-Through		0							0				0				0	
	Through	1509	2	550	42	1551	**568**	0	1527	2	557	42	1569	2	**574**	0	1569	2	**574**
	Through-Right		1							1				1				1	
	Right	142	0	142	10	152	152	0	144	0	144	10	154	0	154	0	154	0	154
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	118	1	118	10	128	**128**	0	119	1	119	10	129	1	**129**	0	129	1	**129**
	Left-Through		0							0				0				0	
	Through	1688	2	**580**	0	1688	580	0	1708	2	**587**	0	1708	2	587	0	1708	2	587
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	0	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	114	1	114	0	114	114	0	115	1	115	0	115	1	115	0	115	1	115
	Left-Through		0							0				0				0	
	Through	668	2	**273**	95	763	**305**	147	823	2	**326**	95	918	2	**357**	0	918	2	**357**
	Through-Right		1							1				1				1	
	Right	152	0	152	0	152	152	0	154	0	154	0	154	0	154	0	154	0	154
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	142	1	**142**	0	142	**142**	0	144	1	**144**	0	144	1	**144**	0	144	1	**144**
	Left-Through		0							0				0				0	
	Through	418	2	166	35	453	177	116	539	2	206	35	574	2	218	0	574	2	218
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	0	80	0	80	0	80	0	80	0	80	0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		685	*North-South:*		696	*North-South:*			693	*North-South:*			703	*North-South:*			703
		East-West:		415	*East-West:*		447	*East-West:*			470	*East-West:*			501	*East-West:*			501
		SUM:		1100	*SUM:*		1143	*SUM:*			1163	*SUM:*			1204	*SUM:*			1204
VOLUME/CAPACITY (*V/C*) RATIO:				0.800			0.831				0.846				0.876				0.876
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.700**			**0.731**				**0.746**				**0.776**				**0.776**
LEVEL OF SERVICE (LOS):				**C**			**C**				**C**				**C**				**C**

PROJECT IMPACT

Change in *v/c* due to project: **0.030** | *Δv/c* after mitigation: **0.030**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Fairfax	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	10/3/2011
187	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	26	1	**26**	0	26	**26**	0	26	1	**26**	0	26	1	**26**	0	26	1	**26**
	Left-Through		0							0				0				0	
	Through	548	1	301	6	554	313	0	555	1	305	6	561	1	317	0	561	1	317
	Through-Right		1							1				1				1	
	Right	53	0	53	19	72	72	0	54	0	54	19	73	0	73	0	73	0	73
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	13	13	0	0	0	0	0	13	13	0	0	0	13	0	0
	Left-Through		0							0				0				0	
	Through	861	1	**556**	7	868	**559**	0	871	1	**562**	7	878	1	**566**	0	878	1	**566**
	Through-Right		1							1				1				1	
	Right	250	0	250	0	250	250	0	253	0	253	0	253	0	253	0	253	0	253
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	108	1	108	0	108	108	0	109	1	109	0	109	1	109	0	109	1	109
	Left-Through		0							0				0				0	
	Through	1825	2	**616**	63	1888	**637**	193	2040	2	**687**	63	2103	2	**708**	0	2103	2	**708**
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	64	1	**64**	0	64	**64**	0	65	1	**65**	0	65	1	**65**	0	65	1	**65**
	Left-Through		0							0				0				0	
	Through	1147	2	385	0	1147	385	185	1346	2	451	0	1346	2	451	0	1346	2	451
	Through-Right		1							1				1				1	
	Right	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		582	*North-South:*		585	*North-South:*			588	*North-South:*			592	*North-South:*			592
		East-West:		680	*East-West:*		701	*East-West:*			752	*East-West:*			773	*East-West:*			773
		SUM:		1262	*SUM:*		1286	*SUM:*			1340	*SUM:*			1365	*SUM:*			1365
VOLUME/CAPACITY (*V/C*) RATIO:				0.886			0.902				0.940				0.958				0.958
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.786**			**0.802**				**0.840**				**0.858**				**0.858**
LEVEL OF SERVICE (LOS):				**C**			**D**				**D**				**D**				**D**

PROJECT IMPACT

Change in *v/c* due to project: **0.018** | *Δv/c* after mitigation: **0.018**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	1	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	27	0	**27**	128	155	**155**	0	27	0	**27**	128	155	0	**155**	0	155	0	**155**
		Left-Through		1							1				1				1	
		Through	10	1	10	274	284	**220**	12	22	1	22	274	296	1	226	0	296	1	226
		Through-Right		0							0				0				0	
		Right	45	1	16	54	99	70	0	46	1	17	109	155	1	126	0	155	1	126
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	9	0	9	0	9	**9**	0	9	0	9	0	9	0	9	0	9	0	9
		Left-Through		0							0				0				0	
		Through	2	0	**30**	0	2	31	0	2	0	**90**	0	2	0	**91**	0	2	0	**91**
		Through-Right		0							0				0				0	
		Right	19	0	0	1	20	0	60	79	0	0	1	80	0	0	0	80	0	0
		Left-Through-Right		1							1				1				1	
		Left-Right		0							0				0				0	
EASTBOUND		Left	137	1	**137**	70	207	**207**	69	208	1	**208**	70	278	1	**278**	0	278	1	**278**
		Left-Through		0							0				0				0	
		Through	388	3	129	0	388	129	195	588	3	196	0	588	3	196	0	588	3	196
		Through-Right		0							0				0				0	
		Right	23	1	10	0	23	23	0	23	1	10	0	23	1	23	0	23	1	23
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	29	1	29	0	29	29	0	29	1	29	0	29	1	29	0	29	1	29
		Left-Through		0							0				0				0	
		Through	403	2	**169**	259	662	**255**	256	664	2	**276**	259	923	2	**363**	199	1122	2	**429**
		Through-Right		1							1				1				1	
		Right	103	0	103	0	103	103	61	165	0	165	0	165	0	165	0	165	0	165
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		57	*North-South:*		229	*North-South:*			117	*North-South:*			246	*North-South:*			246
			East-West:		306	*East-West:*		462	*East-West:*			484	*East-West:*			641	*East-West:*			707
			SUM:		363	*SUM:*		691	*SUM:*			601	*SUM:*			887	*SUM:*			953
	VOLUME/CAPACITY (*V/C*) RATIO:				0.255			0.485				0.422				0.622				0.669
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.155			0.385				0.322				0.522				0.569
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.200 — Δ*v/c* after mitigation: 0.247

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	2	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	31	0	31	0	31	31	0	31	0	31	0	31	0	31	0	31	0	31
		Left-Through		1							1				1				1	
		Through	5	0	**36**	0	5	**36**	0	5	0	**36**	0	5	0	**36**	0	5	0	**36**
		Through-Right		0							0				0				0	
		Right	31	1	4	0	31	0	0	31	1	4	0	31	1	0	0	31	1	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	6	1	6	94	100	100	25	31	1	31	94	125	1	**125**	0	125	1	**125**
		Left-Through		0							0				0				0	
		Through	4	0	**48**	0	4	**124**	0	4	0	**49**	0	4	0	125	0	4	0	125
		Through-Right		0							1				1				1	
		Right	44	0	0	76	120	0	0	45	0	0	76	121	0	0	0	121	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	19	1	**19**	0	19	19	0	19	1	**19**	0	19	1	19	0	19	1	19
		Left-Through		0							0				0				0	
		Through	391	2	136	54	445	**154**	195	591	2	203	109	700	2	**239**	0	700	2	**239**
		Through-Right		1							1				1				1	
		Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	27	1	27	168	195	**195**	0	27	1	27	175	202	1	**202**	0	202	1	**202**
		Left-Through		0							0				0				0	
		Through	474	2	**166**	183	657	227	316	796	2	**293**	183	979	2	354	199	1178	2	420
		Through-Right		1							1				1				1	
		Right	24	0	24	0	24	24	58	82	0	82	0	82	0	82	0	82	0	82
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		84	*North-South:*		160	*North-South:*			85	*North-South:*			161	*North-South:*			161
			East-West:		185	*East-West:*		349	*East-West:*			312	*East-West:*			441	*East-West:*			441
			SUM:		269	*SUM:*		509	*SUM:*			397	*SUM:*			602	*SUM:*			602
	VOLUME/CAPACITY (*V/C*) RATIO:				0.196			0.370				0.289				0.438				0.438
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.098			0.270				0.189				0.338				0.338
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.149 — Δ*v/c* after mitigation: 0.149

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	3	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	108	1	**108**	45	153	**153**	107	216	1	**216**	52	268	1	**268**	-268	0	1	0
		Left-Through		0							0				0				0	
		Through	308	4	77	32	340	85	402	714	4	179	68	782	4	196	-468	314	4	**79**
		Through-Right		0							0				0				0	
		Right	56	1	43	0	56	56	45	102	1	78	0	102	1	102	-102	0	1	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
		Left-Through		0							0				0				0	
		Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	0
		Through-Right		0							0				0				0	
		Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	85	1	**85**	92	177	**177**	22	108	1	**108**	92	200	1	**200**	0	200	1	**200**
		Left-Through		0							0				0				0	
		Through	227	3	76	56	283	94	160	390	3	130	111	501	3	167	137	638	3	213
		Through-Right		0							0				0				0	
		Right	98	1	0	0	98	0	38	137	1	0	0	137	1	0	-137	0	1	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	26	1	26	-26	0	0	22	48	1	48	-48	0	1	0	0	0	1	0
		Left-Through		0							0				0				0	
		Through	402	3	**134**	306	708	**236**	267	674	3	**225**	306	980	3	**327**	467	1447	3	**482**
		Through-Right		0							0				0				0	
		Right	42	1	42	66	108	108	52	95	1	95	66	161	1	161	0	161	1	161
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		108	*North-South:*		153	*North-South:*			216	*North-South:*			268	*North-South:*			79
			East-West:		219	*East-West:*		413	*East-West:*			333	*East-West:*			527	*East-West:*			682
			SUM:		327	*SUM:*		566	*SUM:*			549	*SUM:*			795	*SUM:*			761
	VOLUME/CAPACITY (*V/C*) RATIO:				0.229			0.397				0.385				0.558				0.534
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.129			0.297				0.285				0.458				0.434
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.173 — Δ*v/c* after mitigation: 0.149

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	4	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
		Left-Through		0							0				0				0	
		Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Through-Right		0							0				0				0	
		Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	115	115	1	115
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	20	0	20	2	22	22	15	35	0	35	2	37	0	37	-37	0	0	0
		Left-Through		1							1				1				1	
		Through	198	3	55	0	198	55	375	575	3	153	0	575	3	153	-385	190	3	48
		Through-Right		0							0				0				0	
		Right	167	1	**167**	162	329	**329**	48	217	1	**217**	162	379	1	**379**	144	523	1	**523**
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
		Left-Through		0							0				0				0	
		Through	252	2	126	56	308	154	196	451	2	226	111	562	2	281	-17	545	2	273
		Through-Right		0							0				0				0	
		Right	22	1	22	0	22	22	10	32	1	32	0	32	1	32	52	84	1	84
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	15	1	15	0	15	15	7	22	1	22	0	22	1	22	-22	0	1	0
		Left-Through		0							0				0				0	
		Through	315	2	**158**	160	475	**238**	293	612	2	**306**	160	772	2	**386**	292	1064	2	**532**
		Through-Right		0							0				0				0	
		Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		167	*North-South:*		329	*North-South:*			217	*North-South:*			379	*North-South:*			523
			East-West:		158	*East-West:*		238	*East-West:*			306	*East-West:*			386	*East-West:*			532
			SUM:		325	*SUM:*		567	*SUM:*			523	*SUM:*			765	*SUM:*			1055
	VOLUME/CAPACITY (*V/C*) RATIO:				0.217			0.378				0.349				0.510				0.703
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.117			0.278				0.249				0.410				0.603
	LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in *v/c* due to project: 0.161 — Δ*v/c* after mitigation: 0.354

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	5	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	1	29	0	29	29	46	75	1	75	0	75	1	75	0	75	1	75
	Left-Through		0							0				0				0	
	Through	193	4	48	24	217	54	194	389	4	97	24	413	4	103	241	654	4	164
	Through-Right		0							0				0				0	
	Right	111	1	111	11	122	122	61	173	1	173	11	184	1	184	0	184	1	184
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	179	1	112	35	214	141	204	385	1	222	35	420	1	279	-102	318	1	318
	Through-Right		1							1				1				1	
	Right	44	0	44	23	67	67	14	59	0	59	78	137	0	137	200	337	0	337
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	37	1	37	3	40	40	6	43	1	43	3	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	229	2	115	0	229	115	235	467	2	234	0	467	2	234	292	759	2	380
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		111	North-South:		122	North-South:			173	North-South:			184	North-South:			184
		East-West:		149	East-West:		181	East-West:			265	East-West:			325	East-West:			383
		SUM:		260	SUM:		303	SUM:			438	SUM:			509	SUM:			567
VOLUME/CAPACITY (V/C) RATIO:				0.173			0.202				0.292				0.339				0.378
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.087			0.102				0.192				0.239				0.278
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.047 | Δv/c after mitigation: 0.086
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	6	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	31	0	31	3	34	34	28	59	0	59	3	62	0	62	292	354	0	354
	Left-Through		1							1				1				1	
	Through	109	2	37	67	176	61	185	295	2	93	67	362	2	117	361	723	2	306
	Through-Right		1							1				1				1	
	Right	8	0	37	26	34	61	10	18	0	93	26	44	0	117	102	146	0	306
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	56	1	56	0	56	56	75	132	1	132	0	132	1	132	0	132	1	132
	Left-Through		0							0				0				0	
	Through	147	2	74	35	182	91	176	325	2	163	35	360	2	180	-102	258	2	129
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	219	1	116	0	219	116	213	435	1	237	0	435	1	237	0	435	1	237
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	25	38	0	38	0	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		37	North-South:		61	North-South:			93	North-South:			117	North-South:			354
		East-West:		172	East-West:		172	East-West:			369	East-West:			369	East-West:			369
		SUM:		209	SUM:		233	SUM:			462	SUM:			486	SUM:			723
VOLUME/CAPACITY (V/C) RATIO:				0.139			0.155				0.308				0.324				0.482
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.070			0.078				0.208				0.224				0.382
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.016 | Δv/c after mitigation: 0.174
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	7	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	10	1	10	0	10	10	37	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	44	1	25	36	80	50	79	124	1	93	36	160	1	118	0	160	1	118
	Through-Right		1							1				1				1	
	Right	5	0	5	14	19	19	57	62	0	62	14	76	0	76	0	76	0	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	13	16	16	4	7	1	7	13	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	69	2	35	334	403	202	159	229	2	115	334	563	2	282	0	563	2	282
	Through-Right		0							0				0				0	
	Right	40	1	32	0	40	26	43	83	1	65	0	83	1	59	0	83	1	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	16	1	16	13	29	29	20	36	1	36	13	49	1	49	0	49	1	49
	Left-Through		0							0				0				0	
	Through	120	1	65	31	151	89	132	253	1	149	31	284	1	173	0	284	1	173
	Through-Right		1							1				1				1	
	Right	10	0	10	17	27	27	34	44	0	44	17	61	0	61	0	61	0	61
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	3	1	3	0	3	3	75	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	174	1	93	0	174	93	157	333	1	177	0	333	1	177	0	333	1	177
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	9	21	0	21	0	21	0	21	0	21	0	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		45	North-South:		212	North-South:			162	North-South:			329	North-South:			329
		East-West:		109	East-West:		122	East-West:			227	East-West:			251	East-West:			251
		SUM:		154	SUM:		334	SUM:			389	SUM:			580	SUM:			580
VOLUME/CAPACITY (V/C) RATIO:				0.103			0.223				0.259				0.387				0.387
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.051			0.123				0.159				0.287				0.287
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.128 | Δv/c after mitigation: 0.128
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	8	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	11	1	11	0	11	11	30	41	1	41	0	41	1	41	0	41	1	41
	Left-Through		0							0				0				0	
	Through	100	1	52	0	100	52	53	154	1	79	0	154	1	79	0	154	0	158
	Through-Right		1							1				1				1	
	Right	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	1	9	0	9	9	10	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	107	1	71	14	121	78	79	187	0	240	14	201	0	254	0	201	0	254
	Through-Right		1							1				1				1	
	Right	34	0	34	0	34	34	19	53	0	0	0	53	0	0	0	53	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	28	1	28	0	28	28	40	68	1	68	0	68	1	68	0	68	1	68
	Left-Through		0							0				0				0	
	Through	95	1	55	48	143	87	132	228	1	132	48	276	1	164	0	276	1	164
	Through-Right		1							1				1				1	
	Right	14	0	14	16	30	30	21	35	0	35	16	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	4	1	4	0	4	4	0	4	1	4	0	4	1	4	0	4	1	4
	Left-Through		0							0				0				0	
	Through	145	1	81	0	145	81	193	340	1	180	0	340	1	180	0	340	1	180
	Through-Right		1							1				1				1	
	Right	16	0	16	0	16	16	3	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		82	North-South:		89	North-South:			281	North-South:			295	North-South:			295
		East-West:		109	East-West:		109	East-West:			248	East-West:			248	East-West:			248
		SUM:		191	SUM:		198	SUM:			529	SUM:			543	SUM:			543
VOLUME/CAPACITY (V/C) RATIO:				0.127			0.132				0.353				0.362				0.362
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.064			0.066				0.253				0.262				0.262
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.009 | Δv/c after mitigation: 0.009
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	9	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	14	1 0	14	0	14	14	2	16	1 0	16	0	16	1 0	16	0	16	1 0	16
	Left-Through		0							0				0				0	
	Through	78	2	39	23	101	51	159	238	2	119	23	261	2	131	0	261	2	131
	Through-Right		0							0				0				0	
	Right	4	1	1	0	4	1	1	5	1	0	0	5	1	0	0	5	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	4	1 0	4	0	4	4	5	9	1 0	9	0	9	1 0	9	0	9	1 0	9
	Left-Through		0							0				0				0	
	Through	79	2	40	0	79	40	146	226	1	226	0	226	1	226	0	226	1	226
	Through-Right		0							0				0				0	
	Right	68	1	55	0	68	52	88	157	1	121	0	157	1	118	0	157	1	118
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	27	1	27	6	33	33	46	73	1	73	6	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	63	1	40	41	104	61	96	160	1	89	41	201	1	110	0	201	1	110
	Through-Right		1							1				1				1	
	Right	17	0	17	1	18	18	0	17	0	17	1	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	6	1 0	6	0	6	6	7	13	1 0	13	0	13	1 0	13	0	13	1 0	13
	Left-Through		0							0				0				0	
	Through	78	1	46	0	78	46	107	186	1	109	0	186	1	109	0	186	1	109
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	18	31	0	31	0	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		69	North-South:		66	North-South:			242	North-South:			242	North-South:			242
		East-West:		73	East-West:		79	East-West:			182	East-West:			188	East-West:			188
		SUM:		142	SUM:		145	SUM:			424	SUM:			430	SUM:			430
VOLUME/CAPACITY (V/C) RATIO:				0.100			0.102				0.298				0.302				0.302
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.050			0.051				0.198				0.202				0.202
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.004 Δv/c after mitigation: 0.004

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	10	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	41	1	41	0	41	41	2	43	1	43	0	43	1	43	0	43	1	43
	Left-Through		0							0				0				0	
	Through	34	1	18	0	34	18	14	48	1	25	0	48	1	25	0	48	1	25
	Through-Right		1							1				1				1	
	Right	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	2	1	2	0	2	2	0	2	1	2	0	2	1	2	0	2	1	2
	Left-Through		0							0				0				0	
	Through	55	1	48	0	55	48	13	69	1	55	0	69	1	55	0	69	1	55
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	46	1	33	41	87	54	97	144	1	87	41	185	1	108	0	185	1	108
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	10	30	0	30	0	30	0	30	0	30	0	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	52	1	27	0	52	27	84	137	1	70	0	137	1	70	0	137	1	70
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		89	North-South:		89	North-South:			98	North-South:			98	North-South:			98
		East-West:		37	East-West:		54	East-West:			87	East-West:			108	East-West:			108
		SUM:		126	SUM:		143	SUM:			185	SUM:			206	SUM:			206
VOLUME/CAPACITY (V/C) RATIO:				0.084			0.095				0.123				0.137				0.137
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.042			0.048				0.062				0.069				0.069
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.007 Δv/c after mitigation: 0.007

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	11	North-South Street:	Santee	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	3	0	4	0	3	4	0	3	0	4	0	3	0	4	0	3	0	4
	Through-Right		0							0				0				0	
	Right	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	1	1	0	1	0	1	0	1	0	1	0	1
	Left-Through		0							0				0				0	
	Through	0	0	16	0	0	16	0	0	0	17	0	0	0	17	0	0	0	17
	Through-Right		0							0				0				0	
	Right	16	0	0	0	16	0	0	16	0	0	0	16	0	0	0	16	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	42	1	23	41	83	44	97	140	1	72	41	181	1	93	0	181	1	93
	Through-Right		1							1				1				1	
	Right	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	38	1	20	0	38	20	84	122	1	62	0	122	1	62	0	122	1	62
	Through-Right		1							1				1				1	
	Right	1	0	1	0	1	1	1	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		16	North-South:		16	North-South:			17	North-South:			17	North-South:			17
		East-West:		23	East-West:		44	East-West:			72	East-West:			93	East-West:			93
		SUM:		39	SUM:		60	SUM:			89	SUM:			110	SUM:			110
VOLUME/CAPACITY (V/C) RATIO:				0.026			0.040				0.059				0.073				0.073
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.013			0.020				0.030				0.037				0.037
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.007 Δv/c after mitigation: 0.007

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	12	North-South Street:	Maple	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	5	1	5	0	5	5	4	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	37	0	39	0	37	39	4	41	0	43	0	41	0	43	0	41	0	43
	Through-Right		1							1				1				1	
	Right	2	0	0	0	2	0	0	2	0	0	0	2	0	0	0	2	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	2	1	2	0	2	2	0	2	1	2	0	2	1	2	0	2	1	2
	Left-Through		0							0				0				0	
	Through	21	0	36	0	21	36	0	21	0	36	0	21	0	36	0	21	0	36
	Through-Right		1							1				1				1	
	Right	15	0	0	0	15	0	0	15	0	0	0	15	0	0	0	15	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	6	1	6	1	7	7	0	6	1	6	1	7	1	7	0	7	1	7
	Left-Through		0							0				0				0	
	Through	32	0	32	40	72	72	96	128	0	128	40	168	1	168	0	168	1	168
	Through-Right		0							0				0				0	
	Right	5	1	3	0	5	3	3	8	1	4	0	8	1	4	0	8	1	4
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Left-Through		0							0				0				0	
	Through	19	0	19	0	19	19	81	100	0	100	0	100	0	100	0	100	0	100
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		41	North-South:		41	North-South:			45	North-South:			45	North-South:			45
		East-West:		33	East-West:		73	East-West:			129	East-West:			169	East-West:			169
		SUM:		74	SUM:		114	SUM:			174	SUM:			214	SUM:			214
VOLUME/CAPACITY (V/C) RATIO:				0.049			0.076				0.116				0.143				0.143
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.025			0.038				0.058				0.071				0.071
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.013 Δv/c after mitigation: 0.013

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Maple	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
13	East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	31	0	**39**	0	31	**40**	4	35	0	**43**	0	35	0	**44**	0	35	0	**44**
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	5	0	0	1	6	0	0	5	0	0	1	6	0	0	0	6	0	0
NORTHBOUND Left-Through-Right		1							1				1				1	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	1	0	**1**	0	1	**1**	0	1	0	**1**	0	1	0	**1**	0	1	0	**1**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	16	0	19	0	16	19	0	16	0	19	0	16	0	19	0	16	0	19
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	2	0	0	0	2	0	0	2	0	0	0	2	0	0	0	2	0	0
SOUTHBOUND Left-Through-Right		1							1				1				1	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	131	0	**71**	27	158	**85**	134	267	0	**139**	27	294	0	**153**	0	294	0	**153**
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	7	0	71	0	7	85	0	7	0	139	0	7	0	153	0	7	0	153
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	13	0	**13**	0	13	**13**	0	13	0	**13**	0	13	0	**13**	0	13	0	**13**
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	43	0	33	0	43	33	0	44	0	33	0	44	0	40	0	44	0	40
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	9	0	33	0	9	33	0	9	0	33	0	9	0	40	0	9	0	40
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		40			41				44				45				45
	East-West:		84			98				152				166				166
	SUM:		124			139				196				211				211
VOLUME/CAPACITY (V/C) RATIO:			0.083			0.093				0.131				0.141				0.141
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.041			0.046				0.065				0.070				0.070
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.005 Δv/c after mitigation: 0.005
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
14	East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	119	1	**69**	0	119	**88**	6	126	1	**72**	0	126	1	**92**	0	126	1	**92**
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	18	0	18	39	57	57	0	18	0	18	39	57	0	57	0	57	0	57
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	3	1	**3**	0	3	**3**	0	3	1	**3**	0	3	1	**3**	0	3	1	**3**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	102	1	54	0	102	54	0	103	1	55	0	103	1	55	0	103	1	55
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	9	0	9	0	9	9	1	10	0	10	0	10	0	10	0	10	0	10
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	129	0	**75**	28	157	**89**	128	259	0	**144**	28	287	0	**158**	0	287	0	**158**
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	12	0	75	0	12	89	6	18	0	144	0	18	0	158	0	18	0	158
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	13	0	**13**	0	13	**13**	0	13	0	**13**	0	13	0	**13**	0	13	0	**13**
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	73	0	56	0	73	56	0	74	0	57	0	74	0	64	0	74	0	64
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	25	0	56	0	25	56	2	27	0	57	0	27	0	64	0	27	0	64
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		72			91				75				95				95
	East-West:		88			102				157				171				171
	SUM:		160			193				232				266				266
VOLUME/CAPACITY (V/C) RATIO:			0.107			0.129				0.155				0.177				0.177
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.053			0.064				0.077				0.089				0.089
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.012 Δv/c after mitigation: 0.012
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
15	East-West Street:	Chick Hearn Ct	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	72	1	**72**	861	933	**933**	0	73	1	**73**	861	934	1	**934**	0	934	1	**934**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	130	2	51	927	1057	352	3	135	2	58	927	1062	2	354	0	1062	2	354
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	24	0	24	-24	0	0	14	38	0	38	-38	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	46	0	**46**	0	46	**46**	0	47	0	**47**	0	47	0	**47**	0	47	0	**47**
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	7	0	15	-7	0	0	41	48	0	52	-48	0	0	0	0	0	0	0
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	8	0	0	-8	0	0	0	8	0	52	-8	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	6	1	6	-6	0	0	0	6	1	6	-6	0	1	0	0	0	1	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	53	2	27	275	328	**164**	89	143	2	**72**	185	328	2	**164**	0	328	2	**164**
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	28	1	**28**	0	28	28	8	36	1	36	0	36	1	36	0	36	1	36
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		72			933				73				934				934
	East-West:		74			210				119				211				211
	SUM:		146			1143				192				1145				1145
VOLUME/CAPACITY (V/C) RATIO:			0.097			0.762				0.128				0.763				0.763
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.049			0.662				0.064				0.663				0.663
LEVEL OF SERVICE (LOS):			A			B				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.599 Δv/c after mitigation: 0.599
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
16	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 3 WB-- 3
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	26	1	26	-26	0	0	43	69	1	69	-69	0	1	0	0	0	1	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	375	3	**95**	82	457	**116**	506	886	3	**223**	125	1011	3	**254**	-701	310	3	**78**
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	6	0	6	0	6	6	0	6	0	6	0	6	0	6	-6	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	1	1	**1**	0	1	**1**	0	1	1	**1**	0	1	1	**1**	-1	0	1	**0**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	69	1	59	0	69	35	60	130	1	90	0	130	1	65	-130	0	1	0
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	49	0	49	-49	0	0	0	50	0	50	-50	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	21	2	**12**	-21	0	**0**	0	21	2	**12**	-21	0	2	**0**	0	0	2	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	12	1	12	-12	0	0	0	12	1	12	-12	0	1	0	0	0	1	**0**
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	21	1	0	-21	0	0	55	76	1	7	-76	0	1	0	0	0	1	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	21	1	21	0	21	21	0	21	1	21	0	21	1	21	-21	0	1	**0**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	45	2	23	-45	0	0	67	113	2	57	-113	0	2	0	0	0	2	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	69	1	**68**	19	88	**87**	48	118	1	**117**	19	137	1	**136**	-137	0	1	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		96			117				224				255				78
	East-West:		80			87				129				136				0
	SUM:		176			204				353				391				78
VOLUME/CAPACITY (V/C) RATIO:			0.128			0.148				0.257				0.284				0.057
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.064			0.074				0.157				0.184				0.028
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.027 Δv/c after mitigation: -0.129
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
17	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	175	3	58	115	290	**97**	382	559	3	**186**	115	674	3	**225**	-393	281	3	**94**
	Through-Right		0							0				0				0	
	Right	76	1	**76**	0	76	76	10	87	1	87	0	87	1	87	-87	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	18	1	18	-18	0	0	0	18	1	**18**	-18	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	8	1	8	0	8	8	147	155	1	**155**	0	155	1	**155**	-155	0	1	**0**
	Left-Through		0							0				0				0	
	Through	62	2	**31**	-45	17	**9**	105	168	2	84	-113	55	2	28	-55	0	2	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		76	North-South:		97	North-South:			186	North-South:			225	North-South:			94
		East-West:		31	East-West:		9	East-West:			173	East-West:			155	East-West:			0
		SUM:		107	SUM:		106	SUM:			359	SUM:			380	SUM:			94
VOLUME/CAPACITY (V/C) RATIO:				0.075			0.074				0.252				0.267				0.066
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.038			0.037				0.152				0.167				0.033
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.015 Δv/c after mitigation: -0.119

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
18	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	239	3	**77**	58	297	**91**	197	439	3	**131**	113	552	3	**159**	441	993	3	**270**
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	16	85	0	85	0	85	0	85	0	85	0	85
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	26	1	26	125	151	**151**	131	157	1	157	193	350	1	**350**	176	526	1	**526**
	Left-Through		0							0				0				0	
	Through	58	2	**29**	-45	13	7	275	334	2	**167**	-113	221	2	111	-176	45	2	23
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		77	North-South:		91	North-South:			131	North-South:			159	North-South:			270
		East-West:		29	East-West:		151	East-West:			167	East-West:			350	East-West:			526
		SUM:		106	SUM:		242	SUM:			298	SUM:			509	SUM:			796
VOLUME/CAPACITY (V/C) RATIO:				0.071			0.161				0.199				0.339				0.531
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.035			0.081				0.099				0.239				0.431
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.140 Δv/c after mitigation: 0.332

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
19	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	18	0	18	132	150	**150**	204	222	0	**222**	132	354	0	**354**	0	354	0	354
	Left-Through		1							1				1				1	
	Through	141	3	**40**	56	197	66	223	366	3	122	56	422	3	141	755	1177	3	**383**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	92	2	**46**	0	92	**46**	142	235	2	**118**	0	235	2	**118**	0	235	2	**118**
	Through-Right		0							0				0				0	
	Right	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		40	North-South:		150	North-South:			222	North-South:			354	North-South:			383
		East-West:		46	East-West:		46	East-West:			118	East-West:			118	East-West:			118
		SUM:		86	SUM:		196	SUM:			340	SUM:			472	SUM:			501
VOLUME/CAPACITY (V/C) RATIO:				0.057			0.131				0.227				0.315				0.334
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.029			0.065				0.127				0.215				0.234
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.088 Δv/c after mitigation: 0.107

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
20	East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	**0**
	Left-Through		0							0				0				0	
	Through	317	3	**81**	0	317	**81**	359	680	3	**177**	0	680	3	**177**	-650	30	3	8
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	21	29	0	29	0	29	0	29	-29	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	2	1	**2**	0	2	**2**	7	9	1	**9**	0	9	1	**9**	-9	0	1	0
	Left-Through		0							0				0				0	
	Through	114	2	57	-21	93	47	74	189	2	95	-76	113	2	57	-94	19	2	**10**
	Through-Right		0							0				0				0	
	Right	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	1	**0**	0	0	**0**	0	0	1	**0**	0	0	1	**0**	0	0	1	**0**
	Left-Through		0							0				0				0	
	Through	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Through-Right		0							0				0				0	
	Right	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	4	1	4	0	4	4	0	4	1	4	0	4	1	4	-4	0	1	0
	Left-Through		0							0				0				0	
	Through	0	0	**13**	0	0	**13**	0	0	0	**13**	0	0	0	**13**	0	0	0	**13**
	Through-Right		1							1				1				1	
	Right	13	0	0	0	13	0	0	13	0	0	0	13	0	0	0	13	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		83	North-South:		83	North-South:			186	North-South:			186	North-South:			10
		East-West:		13	East-West:		13	East-West:			13	East-West:			13	East-West:			13
		SUM:		96	SUM:		96	SUM:			199	SUM:			199	SUM:			23
VOLUME/CAPACITY (V/C) RATIO:				0.067			0.067				0.140				0.140				0.016
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.034			0.034				0.070				0.070				0.008
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: -0.062

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	21	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	1	23	26	49	49	118	141	1	141	26	167	1	167	-167	0	1	0
	Left-Through		0							0				0				0	
	Through	163	2	**60**	65	228	**82**	381	546	2	**188**	65	611	2	**209**	-428	183	1	**92**
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	0	17	0	17	0	17	0	17	-17	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	6	1	**5**	0	6	**5**	27	33	1	**18**	0	33	1	**18**	-33	0	1	**0**
	Through-Right		1							1				1				1	
	Right	3	0	3	0	3	3	0	3	0	3	0	3	0	3	-3	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		60	North-South:		82	North-South:			188	North-South:			209	North-South:			92
		East-West:		5	East-West:		5	East-West:			18	East-West:			18	East-West:			0
		SUM:		65	SUM:		87	SUM:			206	SUM:			227	SUM:			92
VOLUME/CAPACITY (v/c) RATIO:				0.043			0.058				0.137				0.151				0.061
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.022			0.029				0.069				0.076				0.031
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.007 Δv/c after mitigation: -0.038

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	22	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	0	29	27	56	56	26	55	0	55	27	82	0	82	141	223	0	223
	Left-Through		1							1				1				1	
	Through	237	3	**67**	615	852	**227**	313	553	3	**152**	738	1291	3	**343**	476	1767	3	**498**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	33	1	33	0	33	33	176	209	1	**148**	0	209	1	**185**	-141	68	1	68
	Through-Right		1							1				1				1	
	Right	51	0	**51**	74	125	**125**	34	86	0	86	74	160	0	160	0	160	0	**160**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		67	North-South:		227	North-South:			152	North-South:			343	North-South:			498
		East-West:		51	East-West:		125	East-West:			148	East-West:			185	East-West:			160
		SUM:		118	SUM:		352	SUM:			300	SUM:			528	SUM:			658
VOLUME/CAPACITY (v/c) RATIO:				0.079			0.235				0.200				0.352				0.439
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.039			0.135				0.100				0.252				0.339
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.152 Δv/c after mitigation: 0.239

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	23	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	131	3	**44**	67	198	**66**	341	474	3	**158**	67	541	3	**180**	755	1296	3	**432**
	Through-Right		0							0				1				1	
	Right	1	1	1	4	5	5	0	1	1	1	4	5	1	5	0	5	1	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	26	0	26	0	26	26	99	125	0	125	0	125	0	125	0	125	0	125
	Left-Through		1							1				1				1	
	Through	34	1	**30**	28	62	**44**	103	137	1	**131**	28	165	1	**145**	0	165	1	**145**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		44	North-South:		66	North-South:			158	North-South:			180	North-South:			432
		East-West:		30	East-West:		44	East-West:			131	East-West:			145	East-West:			145
		SUM:		74	SUM:		110	SUM:			289	SUM:			325	SUM:			577
VOLUME/CAPACITY (v/c) RATIO:				0.049			0.073				0.193				0.217				0.385
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.025			0.037				0.096				0.117				0.285
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.021 Δv/c after mitigation: 0.189

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	24	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3				3				3				3				3			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				1				1				1				1				1			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	383	2	**211**	68	451	**248**	1	389	2	**214**	68	457	2	**251**	0	457	2	**251**
	Left-Through		0							0				0				0	
	Through	123	2	62	229	352	176	17	141	2	71	229	370	2	185	0	370	2	185
	Through-Right		0							0				0				0	
	Right	49	1	49	73	122	122	34	84	1	84	73	157	1	157	0	157	1	157
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	2	**6**	-11	0	0	0	11	2	**6**	-11	0	2	0	0	0	2	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	5	2	0	-5	0	0	0	5	2	0	-5	0	2	0	0	0	2	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	69	1	**69**	-69	0	0	0	70	1	**70**	-70	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	170	3	57	420	590	**197**	78	250	3	83	420	670	3	**223**	0	670	3	**223**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	82	2	**41**	5	87	44	76	159	2	**80**	5	164	2	82	-164	0	2	0
	Through-Right		0							0				0				0	
	Right	33	1	30	-33	0	0	0	33	1	30	-33	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		217	North-South:		248	North-South:			220	North-South:			251	North-South:			251
		East-West:		110	East-West:		197	East-West:			150	East-West:			223	East-West:			223
		SUM:		327	SUM:		445	SUM:			370	SUM:			474	SUM:			474
VOLUME/CAPACITY (v/c) RATIO:				0.229			0.312				0.260				0.333				0.333
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.129			0.212				0.160				0.233				0.233
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.073 Δv/c after mitigation: 0.073

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
25	East-West Street:	Bond	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	0	SB--	EB--	0	WB--
No. of Phases		3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		2			2	
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0			0	
ATSAC-1 or ATSAC+ATCS-2?		2			2	
Override Capacity		0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	554	3	185	0	554	185	51	612	3	204	0	612	3	204	0	612	3	204
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	254	254	254	0	0	0	0	254	254	0	254	0	254	0	254
	Left-Through		1							1				1				1	
	Through	1	0	1	0	1	255	0	1	0	1	0	1	0	255	0	1	0	255
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	58	0	0	0	0	0	0	0	58	0	0	0	58
	Through-Right		1							1				1				1	
	Right	0	1	0	116	116	0	0	0	1	0	116	116	1	0	0	116	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		185	North-South:		185	North-South:			204	North-South:			204	North-South:			204
		East-West:		1	East-West:		313	East-West:			1	East-West:			313	East-West:			313
		SUM:		186	SUM:		498	SUM:			205	SUM:			517	SUM:			517
VOLUME/CAPACITY (V/C) RATIO:				0.131			0.349				0.144				0.363				0.363
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.065			0.249				0.072				0.263				0.263
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.191 — Δv/c after mitigation: 0.191

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
26	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	0	SB--	EB--	3	WB--
No. of Phases		4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?		3			3	
ATSAC-1 or ATSAC+ATCS-2?		2			2	
Override Capacity		0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	23	1	23	0	23	23	4	27	1	27	0	27	1	27	-27	0	1	0
	Left-Through		0							0				0				0	
	Through	343	3	92	0	343	104	327	674	3	177	0	674	3	189	-579	95	3	32
	Through-Right		1							1				1				1	
	Right	23	0	23	48	71	71	10	33	0	33	48	81	0	81	132	213	0	213
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	10	1	10	0	10	10	3	13	1	13	0	13	1	13	-13	0	1	0
	Left-Through		0							0				0				0	
	Through	107	2	54	-21	86	43	24	132	2	66	-76	56	2	28	-56	0	2	0
	Through-Right		0							0				0				0	
	Right	9	1	0	0	9	0	22	31	1	0	0	31	1	0	-31	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	35	1	35	0	35	35	48	83	1	83	0	83	1	83	-83	0	1	0
	Left-Through		0							0				0				0	
	Through	143	2	72	378	521	261	57	202	2	101	378	580	2	290	83	663	2	332
	Through-Right		0							0				0				0	
	Right	57	1	34	116	173	150	8	66	1	39	116	182	1	155	0	182	1	182
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	26	1	26	19	45	45	18	44	1	44	19	63	1	63	-63	0	1	0
	Left-Through		0							0				0				0	
	Through	88	2	44	-28	60	30	51	140	2	70	-28	112	2	56	-112	0	2	0
	Through-Right		0							0				0				0	
	Right	35	1	30	0	35	30	4	39	1	33	0	39	1	33	-39	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		102	North-South:		114	North-South:			190	North-South:			202	North-South:			213
		East-West:		98	East-West:		306	East-West:			153	East-West:			353	East-West:			332
		SUM:		200	SUM:		420	SUM:			343	SUM:			555	SUM:			545
VOLUME/CAPACITY (V/C) RATIO:				0.145			0.305				0.249				0.404				0.396
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.073			0.205				0.149				0.304				0.296
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.155 — Δv/c after mitigation: 0.147

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
27	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	0	SB--	EB--	0	WB--
No. of Phases		2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0			0	
ATSAC-1 or ATSAC+ATCS-2?		2			2	
Override Capacity		0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	8	8	0	0	0	8	0	0	-8	0	0	0
	Left-Through		0							0				0				0	
	Through	155	2	64	65	220	86	367	524	2	194	65	589	2	215	-402	187	1	94
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	20	57	0	57	0	57	0	57	-57	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	138	1	91	204	342	315	77	217	1	132	204	421	1	356	215	636	1	463
	Through-Right		1							1				1				1	
	Right	44	0	44	243	287	287	2	47	0	47	243	290	0	290	0	290	0	290
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	7	0	7	0	7	7	-7	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		1							0				0				0	
	Through	111	1	59	-18	93	61	88	200	2	100	-18	182	2	91	-182	0	2	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		64	North-South:		86	North-South:			194	North-South:			215	North-South:			94
		East-West:		98	East-West:		322	East-West:			132	East-West:			356	East-West:			463
		SUM:		162	SUM:		408	SUM:			326	SUM:			571	SUM:			557
VOLUME/CAPACITY (V/C) RATIO:				0.108			0.272				0.217				0.381				0.371
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.054			0.172				0.117				0.281				0.271
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.164 — Δv/c after mitigation: 0.154

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
28	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	0	SB--	EB--	0	WB--
No. of Phases		2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0			0	
ATSAC-1 or ATSAC+ATCS-2?		2			2	
Override Capacity		0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	8	8	8	12	12	0	12	8	20	0	20	0	20	0	20
	Left-Through		1							1				1				1	
	Through	275	2	75	913	1188	306	295	573	2	162	1036	1609	2	424	476	2085	2	543
	Through-Right		1							1				1				1	
	Right	24	0	75	2	26	306	40	64	0	162	2	66	0	424	0	66	0	543
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	79	1	66	136	215	187	75	155	1	108	136	291	1	230	215	506	1	337
	Through-Right		1							1				1				1	
	Right	52	0	52	107	159	159	8	61	0	61	107	168	0	168	0	168	0	168
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	11	0	11	36	47	47	16	27	0	27	36	63	0	63	70	133	0	133
	Left-Through		1							1				1				1	
	Through	83	1	47	-8	75	75	47	131	1	79	-8	123	1	123	-123	0	1	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		75	North-South:		306	North-South:			162	North-South:			424	North-South:			543
		East-West:		77	East-West:		234	East-West:			135	East-West:			293	East-West:			470
		SUM:		152	SUM:		540	SUM:			297	SUM:			717	SUM:			1013
VOLUME/CAPACITY (V/C) RATIO:				0.101			0.360				0.198				0.478				0.675
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.051			0.260				0.099				0.378				0.575
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.279 — Δv/c after mitigation: 0.476

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	29	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	23	0	23	16	39	39	4	27	0	27	16	43	0	43	0	43	0	43
	Left-Through		1							1				1				1	
	Through	115	3	35	17	132	43	308	424	3	113	17	441	3	121	477	918	3	240
	Through-Right		0							0				0				0	
	Right	3	1	3	34	37	37	35	38	1	38	34	72	1	72	0	72	1	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	9	0	9	15	24	24	29	38	0	38	15	53	0	53	215	268	0	268
	Left-Through		1							1				1				1	
	Through	69	1	39	130	199	112	57	127	1	83	130	257	1	155	0	257	1	257
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	67	1	37	12	79	59	59	127	1	68	12	139	1	91	-68	71	1	71
	Through-Right		1							1				1				1	
	Right	6	0	6	33	39	39	3	9	0	9	33	42	0	42	63	105	0	105
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		35	North-South:		43	North-South:			113	North-South:			121	North-South:			240
		East-West:		46	East-West:		112	East-West:			106	East-West:			155	East-West:			373
		SUM:		81	SUM:		155	SUM:			219	SUM:			276	SUM:			613
VOLUME/CAPACITY (V/C) RATIO:				0.054			0.103				0.146				0.184				0.409
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.027			0.052				0.073				0.092				0.309
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.019 | Δv/c after mitigation: 0.236

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	30	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	5	1	5	0	5	5	5	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	40	1	21	3	43	24	93	133	1	70	3	136	1	74	0	136	1	74
	Through-Right		1							1				1				1	
	Right	1	0	1	4	5	5	6	7	0	7	4	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	1	1	1	47	48	48	3	4	1	4	47	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	59	1	35	1403	1462	736	105	165	1	92	1403	1568	1	794	0	1568	1	794
	Through-Right		1							1				1				1	
	Right	10	0	10	0	10	10	9	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	6	0	6	33	39	39	5	11	0	11	33	44	0	44	0	44	0	44
	Left-Through		1							1				1				1	
	Through	64	0	38	107	171	172	77	142	0	85	107	249	0	219	0	249	0	219
	Through-Right		1							1				1				1	
	Right	5	0	38	128	133	172	11	16	0	85	128	144	0	219	0	144	0	219
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	2	0	2	0	2	2	2	4	0	4	0	4	0	4	0	4	0	4
	Left-Through		1							1				1				1	
	Through	55	0	30	0	55	31	49	105	0	60	0	105	0	62	0	105	0	62
	Through-Right		1							1				1				1	
	Right	3	0	30	0	3	31	8	11	0	60	0	11	0	62	0	11	0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		40	North-South:		741	North-South:			102	North-South:			804	North-South:			804
		East-West:		40	East-West:		174	East-West:			89	East-West:			223	East-West:			223
		SUM:		80	SUM:		915	SUM:			191	SUM:			1027	SUM:			1027
VOLUME/CAPACITY (V/C) RATIO:				0.053			0.610				0.127				0.685				0.685
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.027			0.510				0.064				0.585				0.585
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.521 | Δv/c after mitigation: 0.521

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	31	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	49	1	49	0	49	49	0	50	1	50	0	50	1	50	0	50	1	50
	Left-Through		0							0				0				0	
	Through	530	1	281	0	530	281	68	604	1	318	0	604	1	318	0	604	1	318
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	2	1	2	0	2	2	0	2	1	2	0	2	1	2	0	2	1	2
	Left-Through		0							0				0				0	
	Through	127	1	71	70	197	106	78	207	1	115	70	277	1	150	0	277	1	150
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	9	23	0	23	0	23	0	23	0	23	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	15	1	15	0	15	15	8	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	46	1	46	110	156	156	79	126	1	126	110	236	1	236	0	236	1	236
	Through-Right		0							0				0				0	
	Right	13	1	0	48	61	37	0	13	1	0	48	61	1	36	0	61	1	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	6	1	6	0	6	6	0	6	1	6	0	6	1	6	0	6	1	6
	Left-Through		0							0				0				0	
	Through	39	0	44	0	39	44	50	89	0	94	0	89	0	94	0	89	0	94
	Through-Right		1							1				1				1	
	Right	5	0	0	0	5	0	0	5	0	0	0	5	0	0	0	5	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		283	North-South:		283	North-South:			320	North-South:			320	North-South:			320
		East-West:		59	East-West:		162	East-West:			132	East-West:			242	East-West:			242
		SUM:		342	SUM:		445	SUM:			452	SUM:			562	SUM:			562
VOLUME/CAPACITY (V/C) RATIO:				0.228			0.297				0.301				0.375				0.375
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.128			0.197				0.201				0.275				0.275
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.074 | Δv/c after mitigation: 0.074

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	32	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	12	1	12	0	12	12	0	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	68	1	35	0	68	35	104	173	2	87	0	173	2	87	0	173	2	87
	Through-Right		1							1				0				0	
	Right	1	0	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Left-Through		0							0				0				0	
	Through	95	1	52	1	96	53	108	204	0	222	1	205	0	223	0	205	0	223
	Through-Right		1							1				1				1	
	Right	9	0	9	0	9	9	9	18	0	0	0	18	0	0	0	18	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	10	1	10	23	33	33	11	21	1	21	23	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	23	0	54	87	110	141	67	90	0	121	87	177	0	208	0	177	0	208
	Through-Right		1							1				1				1	
	Right	31	0	0	0	31	0	0	31	0	0	0	31	0	0	0	31	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through		0							0				0				0	
	Through	31	0	33	0	31	33	41	72	0	76	0	72	0	76	0	72	0	76
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	2	2	0	0	0	2	0	0	0	2	0	0
	Left-Through-Right		0							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		64	North-South:		65	North-South:			234	North-South:			235	North-South:			235
		East-West:		56	East-West:		143	East-West:			123	East-West:			210	East-West:			210
		SUM:		120	SUM:		208	SUM:			357	SUM:			445	SUM:			445
VOLUME/CAPACITY (V/C) RATIO:				0.080			0.139				0.238				0.297				0.297
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.040			0.069				0.138				0.197				0.197
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.059 | Δv/c after mitigation: 0.059

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	33	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4				4			4			4				4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			1			1			1				1			1			1				1
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2				2
Override Capacity			0			0			0				0			0			0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	60	0	60	0	60	60	8	69	0	69	0	69	0	69	0	69	0	69
	Left-Through		0							0				0				0	
	Through	1	0	61	0	1	61	0	1	0	70	0	1	0	70	0	1	0	70
	Through-Right		0							0				0				0	
	Right	31	1	0	0	31	0	57	88	1	0	0	88	1	0	0	88	1	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through		0							0				0				0	
	Through	44	0	56	0	44	56	0	45	0	57	0	45	0	57	0	45	0	57
	Through-Right		0							0				0				0	
	Right	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	6	1	6	0	6	6	0	6	1	6	0	6	1	6	0	6	1	6
	Left-Through		0							0				0				0	
	Through	457	2	205	70	527	229	207	670	2	278	70	740	2	301	0	740	2	301
	Through-Right		1							1				1				1	
	Right	159	0	159	0	159	159	3	164	0	164	0	164	0	164	0	164	0	164
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	140	1	140	83	223	223	74	216	1	216	83	299	1	299	0	299	1	299
	Left-Through		0							0				0				0	
	Through	266	2	91	305	571	193	246	515	2	174	305	820	2	276	199	1019	2	342
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		117	North-South:		117	North-South:			127	North-South:			127	North-South:			127
		East-West:		345	East-West:		452	East-West:			494	East-West:			600	East-West:			600
		SUM:		462	SUM:		569	SUM:			621	SUM:			727	SUM:			727
VOLUME/CAPACITY (V/C) RATIO:				0.336			0.414				0.452				0.529				0.529
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.236			0.314				0.352				0.429				0.429
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.077 | Δv/c after mitigation: 0.077
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	34	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	SR 110 SB Off-Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 1	EB--	0	WB-- 1	EB--	0	WB-- 1	EB--	0	WB-- 1	EB--	0	WB-- 1	EB--	0	WB-- 1	EB--	0	WB-- 1		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2				2
Override Capacity			0			0			0				0			0			0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	352	2	176	83	435	218	77	433	2	217	83	516	2	258	0	516	2	258
	Through-Right		0							0				0				0	
	Right	8	0	0	0	8	0	0	8	0	0	0	8	0	0	0	8	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	48	1	48	0	48	48	37	86	1	86	0	86	1	86	0	86	1	85
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85
	Through-Right		0							0				0				0	
	Right	104	2	57	0	104	57	65	170	2	94	0	170	2	94	0	170	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		176	North-South:		218	North-South:			217	North-South:			258	North-South:			258
		East-West:		57	East-West:		57	East-West:			94	East-West:			94	East-West:			85
		SUM:		233	SUM:		275	SUM:			311	SUM:			352	SUM:			343
VOLUME/CAPACITY (V/C) RATIO:				0.155			0.183				0.207				0.235				0.229
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.078			0.092				0.107				0.135				0.129
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.028 | Δv/c after mitigation: 0.022
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	35	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/19/2012
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3				3			3			3				3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			2			2			2				2			2			2				2
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2				2
Override Capacity			0			0			0				0			0			0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	21	1	12	0	21	12	37	58	1	32	0	58	1	32	0	58	1	58
	Left-Through		1							1				1				1	
	Through	359	0	390	83	442	473	77	440	0	471	83	523	0	554	0	523	1	185
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	0	31	0	31	0	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	43	1	43	-43	0	0	4	48	1	48	-48	0	1	0	0	0	1	0
	Through-Right		0							0				0				0	
	Right	111	1	111	0	111	111	0	112	1	112	0	112	1	112	0	112	1	112
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	71	0	71	1218	1289	1289	83	155	0	155	1114	1269	0	1269	0	1269	1	635
	Left-Through		1							1				1				1	
	Through	60	1	60	-60	0	0	7	68	1	68	-68	0	1	0	0	0	0	635
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		390	North-South:		473	North-South:			471	North-South:			554	North-South:			185
		East-West:		182	East-West:		1400	East-West:			267	East-West:			1381	East-West:			747
		SUM:		572	SUM:		1873	SUM:			738	SUM:			1935	SUM:			932
VOLUME/CAPACITY (V/C) RATIO:				0.401			1.314				0.518				1.358				0.654
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.301			1.214				0.418				1.258				0.554
LEVEL OF SERVICE (LOS):				A			F				A				F				A

PROJECT IMPACT

Change in v/c due to project: 0.840 | Δv/c after mitigation: 0.136
Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	36	North-South Street:	Convention Center Drive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2				2
Override Capacity			0			0			0				0			0			0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	8	1	4	0	8	0	0	8	1	4	0	8	1	4	0	8	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	1	1	1	93	94	94	0	1	1	1	93	94	1	94	0	94	1	94
	Left-Through		0							0				0				0	
	Through	169	2	85	24	193	97	34	205	2	103	24	229	2	115	0	229	2	115
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	121	2	61	295	416	208	38	160	2	80	295	455	2	228	27	482	2	241
	Through-Right		0							0				0				0	
	Right	3	1	0	23	26	23	0	3	1	0	23	26	1	23	0	26	1	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		4	North-South:		3	North-South:			4	North-South:			3	North-South:			3
		East-West:		85	East-West:		302	East-West:			103	East-West:			322	East-West:			335
		SUM:		89	SUM:		305	SUM:			107	SUM:			325	SUM:			338
VOLUME/CAPACITY (V/C) RATIO:				0.059			0.203				0.071				0.217				0.225
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.030			0.103				0.036				0.117				0.125
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.081 | Δv/c after mitigation: 0.089
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
37	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 3, EB-- 3 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

	MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	48	1	**48**	0	48	**48**	0	49	1	49	0	49	1	49	27	76	1	**76**
	Left-Through		0							0				0				0	
	Through	367	3	100	0	367	100	302	673	3	**177**	0	673	3	**177**	-474	199	3	66
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	2	34	0	34	0	34	0	34	60	94	0	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	1	12	22	34	34	3	15	1	**15**	22	37	1	**37**	0	37	1	37
	Left-Through		0							0				0				0	
	Through	140	2	**70**	214	354	**177**	23	165	2	83	159	324	2	162	-118	206	2	**103**
	Through-Right		0							0				0				0	
	Right	9	1	0	18	27	3	11	20	1	0	18	38	1	5	0	38	1	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	24	1	**24**	0	24	**24**	9	33	1	**33**	0	33	1	**33**	0	33	1	**33**
	Left-Through		0							0				0				0	
	Through	68	2	34	24	92	46	24	93	2	47	24	117	2	59	0	117	2	59
	Through-Right		0							0				0				0	
	Right	56	1	8	0	56	8	0	57	1	8	0	57	1	8	0	57	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	21	0	21	65	86	86	1	22	0	22	120	142	0	142	118	260	0	260
	Left-Through		1							1				1				1	
	Through	63	0	**50**	277	340	**221**	27	91	0	**79**	277	368	0	**278**	0	368	0	**337**
	Through-Right		1							1				1				1	
	Right	16	0	50	0	16	221	29	45	0	79	0	45	0	278	0	45	0	337
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	118		North-South:	225		North-South:		192		North-South:		214		North-South:		179
			East-West:	74		East-West:	245		East-West:		112		East-West:		311		East-West:		370
			SUM:	192		SUM:	470		SUM:		304		SUM:		525		SUM:		549
	VOLUME/CAPACITY (V/C) RATIO:			0.140			0.342				0.221				0.382				0.399
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.070			0.242				0.121				0.282				0.299
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.161 | Δv/c after mitigation: 0.178
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
38	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

	MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	7	1	7	0	7	7	3	10	1	10	0	10	1	10	30	40	1	40
	Left-Through		0							0				0				0	
	Through	141	2	**71**	277	418	**209**	365	508	2	**178**	277	785	2	**284**	-402	383	2	**150**
	Through-Right		0							1				1				0	
	Right	19	1	19	40	59	59	7	26	0	26	40	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	0	0	0	0
	Left-Through		0							0				0				0	
	Through	84	1	**55**	22	106	**78**	29	114	1	**70**	22	136	1	93	60	196	1	**123**
	Through-Right		1							1				1				1	
	Right	25	0	25	24	49	49	0	25	0	25	24	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	0	**22**	277	299	**299**	6	28	0	**28**	277	305	0	305	232	537	0	**537**
	Left-Through		1							1				1				1	
	Through	85	1	54	302	387	343	50	136	1	82	357	493	1	**399**	118	611	1	574
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	71		North-South:	209		North-South:		178		North-South:		284		North-South:		150
			East-West:	77		East-West:	377		East-West:		98		East-West:		399		East-West:		660
			SUM:	148		SUM:	586		SUM:		276		SUM:		683		SUM:		810
	VOLUME/CAPACITY (V/C) RATIO:			0.104			0.411				0.194				0.479				0.568
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.052			0.311				0.097				0.379				0.468
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.282 | Δv/c after mitigation: 0.371
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
39	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

	MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	7	0	7	85	92	92	3	10	0	10	85	95	0	95	0	95	0	95
	Left-Through		1							1				1				1	
	Through	218	3	**56**	865	1083	**294**	297	518	3	**132**	933	1451	3	**387**	196	1647	3	436
	Through-Right		0							0				0				0	
	Right	18	1	18	105	123	123	21	39	1	39	160	199	1	199	350	549	1	**549**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	65	1	**59**	5	70	70	29	95	1	**87**	5	100	1	100	90	190	1	**147**
	Through-Right		1							1				1				1	
	Right	53	0	53	26	79	**79**	24	78	0	78	26	104	0	**104**	0	104	0	104
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	0	**14**	356	370	**370**	0	14	0	**14**	356	370	0	**370**	0	370	0	**370**
	Left-Through		1							1				1				1	
	Through	68	1	41	188	256	256	29	98	1	56	188	286	1	286	0	286	1	286
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	56		North-South:	294		North-South:		132		North-South:		387		North-South:		549
			East-West:	73		East-West:	449		East-West:		101		East-West:		474		East-West:		517
			SUM:	129		SUM:	743		SUM:		233		SUM:		861		SUM:		1066
	VOLUME/CAPACITY (V/C) RATIO:			0.086			0.495				0.155				0.574				0.711
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.043			0.395				0.078				0.474				0.611
	LEVEL OF SERVICE (LOS):			A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.396 | Δv/c after mitigation: 0.533
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/12/2011
40	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

	MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	20	0	20	420	440	440	16	36	0	36	420	456	0	456	0	456	0	456
	Left-Through		1							1				1				1	
	Through	137	2	**41**	16	153	77	326	465	2	**127**	16	481	2	241	387	868	2	434
	Through-Right		1							1				1				1	
	Right	6	0	41	848	854	**854**	0	6	0	127	848	854	0	**854**	0	854	0	**854**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	11	0	**11**	0	11	**11**	25	36	0	**36**	0	36	0	**36**	90	126	0	**126**
	Left-Through		0							1				1				1	
	Through	58	1	35	90	148	80	6	65	1	51	90	155	1	96	0	155	1	141
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	59	1	**34**	124	183	**96**	14	74	1	**46**	124	198	1	**108**	0	198	1	**108**
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	9	17	0	17	0	17	0	17	0	17	0	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	41		North-South:	854		North-South:		127		North-South:		854		North-South:		854
			East-West:	45		East-West:	107		East-West:		82		East-West:		144		East-West:		234
			SUM:	86		SUM:	961		SUM:		209		SUM:		998		SUM:		1088
	VOLUME/CAPACITY (V/C) RATIO:			0.057			0.641				0.139				0.665				0.725
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.029			0.541				0.070				0.565				0.625
	LEVEL OF SERVICE (LOS):			A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.495 | Δv/c after mitigation: 0.555
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
41	Grand	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	17th	2017			LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	122	3	41	941	1063	298	152	275	3	92	941	1216	3	363	196	1412	3	402
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	148	1	81	281	429	0	169	319	1	175	281	600	1	0	0	600	1	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	14	0	14	71	85	85	9	23	0	23	71	94	0	94	0	94	0	94
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	241	1	128	144	385	235	165	409	1	216	144	553	1	324	0	553	2	216
WESTBOUND Through-Right		0							0				1				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		81	North-South:		298	North-South:			175	North-South:			363	North-South:			402
	East-West:		128	East-West:		235	East-West:			216	East-West:			324	East-West:			216
	SUM:		209	SUM:		533	SUM:			391	SUM:			687	SUM:			618
VOLUME/CAPACITY (V/C) RATIO:			0.139			0.355				0.261				0.458				0.412
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.070			0.255				0.161				0.358				0.312
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.197 | Δv/c after mitigation: 0.151
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
42	Olive	2011	0.2	Eric Ji	1/13/2012
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	17th	2017			LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	105	0	105	0	105	105	102	208	0	208	0	208	0	208	0	208	0	208
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	129	3	43	0	129	43	223	354	3	118	0	354	3	118	387	741	3	237
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	195	1	113	216	411	232	73	270	1	210	216	486	1	329	0	486	2	219
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	31	0	31	22	53	53	119	150	0	150	22	172	0	172	0	172	0	172
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		105	North-South:		105	North-South:			208	North-South:			208	North-South:			237
	East-West:		113	East-West:		232	East-West:			210	East-West:			329	East-West:			219
	SUM:		218	SUM:		337	SUM:			418	SUM:			537	SUM:			456
VOLUME/CAPACITY (V/C) RATIO:			0.145			0.225				0.279				0.358				0.304
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.073			0.125				0.179				0.258				0.204
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.079 | Δv/c after mitigation: 0.025
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
43	Hill	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	17th	2017			LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	9	0	9	0	9	9	7	16	0	16	0	16	0	16	0	16	0	16
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	28	1	19	0	28	28	93	121	1	69	0	121	1	109	0	121	1	109
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	49	1	35	1838	1887	1024	86	136	1	90	1838	1974	1	1079	0	1974	1	1079
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	21	0	21	140	161	161	23	44	0	44	140	184	0	184	0	184	0	184
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	8	0	8	0	8	8	13	21	0	21	0	21	0	21	0	21	0	21
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	179	0	101	0	179	101	162	343	0	194	0	343	0	194	0	343	1	129
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	15	0	101	0	15	101	8	23	0	194	0	23	0	194	0	23	0	129
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		44	North-South:		1033	North-South:			106	North-South:			1095	North-South:			1095
	East-West:		101	East-West:		101	East-West:			194	East-West:			194	East-West:			129
	SUM:		145	SUM:		1134	SUM:			300	SUM:			1289	SUM:			1224
VOLUME/CAPACITY (V/C) RATIO:			0.097			0.756				0.200				0.859				0.816
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.048			0.656				0.100				0.759				0.716
LEVEL OF SERVICE (LOS):			A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.659 | Δv/c after mitigation: 0.616
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
44	Broadway	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	17th	2017			LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	97	2	49	0	97	49	70	168	2	84	0	168	2	84	0	168	2	84
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	102	1	73	199	301	173	74	177	1	114	199	376	1	213	0	376	1	213
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	44	0	44	0	44	44	5	50	0	50	0	50	0	50	0	50	0	50
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	7	0	7	0	7	7	5	12	0	12	0	12	0	12	0	12	0	12
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	138	0	85	0	138	85	178	318	0	181	0	318	0	181	0	318	1	121
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	24	0	85	0	24	85	8	32	0	181	0	32	0	181	0	32	0	121
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		90	North-South:		190	North-South:			131	North-South:			230	North-South:			230
	East-West:		85	East-West:		85	East-West:			181	East-West:			181	East-West:			121
	SUM:		175	SUM:		275	SUM:			312	SUM:			411	SUM:			351
VOLUME/CAPACITY (V/C) RATIO:			0.117			0.183				0.208				0.274				0.234
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.058			0.092				0.108				0.174				0.134
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.066 | Δv/c after mitigation: 0.026
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	45	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	22	1	22	0	22	22	3	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	59	2	30	0	59	30	88	148	2	74	0	148	2	74	0	148	2	74
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	94	1	60	1	95	60	92	187	1	114	1	188	1	114	0	188	1	114
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	15	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	26	0	26	0	26	26	57	83	0	83	0	83	0	83	0	83	0	83
	Left-Through		1							1				1				1	
	Through	111	0	73	0	111	73	173	285	0	196	0	285	0	196	0	285	1	131
	Through-Right		1							1				1				1	
	Right	8	0	73	0	8	73	16	24	0	196	0	24	0	196	0	24	0	131
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		82	North-South:		82	North-South:			139	North-South:			139	North-South:			139
		East-West:		73	East-West:		73	East-West:			196	East-West:			196	East-West:			131
		SUM:		155	SUM:		155	SUM:			335	SUM:			335	SUM:			270
VOLUME/CAPACITY (V/C) RATIO:				0.103			0.103				0.223				0.223				0.180
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.052			0.052				0.123				0.123				0.090
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: -0.033
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	46	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	6	1	6	0	6	6	0	6	1	6	0	6	1	6	0	6	1	6
	Left-Through		0							0				0				0	
	Through	9	2	5	0	9	5	3	12	2	6	0	12	2	6	0	12	2	6
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	83	1	49	1	84	49	20	104	1	61	1	105	1	61	0	105	1	61
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	3	17	0	17	0	17	0	17	0	17	0	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	30	0	30	0	30	30	0	30	0	30	0	30	0	30	0	30	0	30
	Left-Through		1							1				1				1	
	Through	124	0	90	0	124	90	243	368	0	218	0	368	0	218	0	368	1	145
	Through-Right		1							1				1				1	
	Right	25	0	90	0	25	90	13	38	0	218	0	38	0	218	0	38	0	145
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		55	North-South:		55	North-South:			67	North-South:			67	North-South:			67
		East-West:		90	East-West:		90	East-West:			218	East-West:			218	East-West:			145
		SUM:		145	SUM:		145	SUM:			285	SUM:			285	SUM:			212
VOLUME/CAPACITY (V/C) RATIO:				0.097			0.097				0.190				0.190				0.141
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.048			0.048				0.095				0.095				0.071
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: -0.024
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	47	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	185	3	62	340	525	175	280	467	3	156	340	807	3	269	-68	739	3	246
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	11	1	11	0	11	11	25	36	1	24	0	36	1	24	418	454	1	233
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		62	North-South:		175	North-South:			156	North-South:			269	North-South:			246
		East-West:		12	East-West:		12	East-West:			24	East-West:			24	East-West:			233
		SUM:		74	SUM:		187	SUM:			180	SUM:			293	SUM:			479
VOLUME/CAPACITY (V/C) RATIO:				0.052			0.131				0.126				0.206				0.336
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.026			0.066				0.063				0.106				0.236
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.043 Δv/c after mitigation: 0.173
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	48	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 3 SB-- 0 / EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	43	2	24	0	43	24	0	44	2	24	0	44	2	24	0	44	2	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	71	1	71	307	378	378	41	113	1	113	307	420	1	420	102	522	1	522
	Left-Through		0							0				0				0	
	Through	73	3	24	740	813	271	121	195	3	65	740	935	3	312	94	1029	3	343
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	104	2	42	0	104	42	167	272	2	91	0	272	2	91	418	690	2	230
	Through-Right		1							1				1				1	
	Right	63	1	0	0	63	0	28	92	1	0	0	92	1	0	0	92	1	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		95	North-South:		402	North-South:			137	North-South:			444	North-South:			546
		East-West:		42	East-West:		42	East-West:			91	East-West:			91	East-West:			230
		SUM:		137	SUM:		444	SUM:			228	SUM:			535	SUM:			776
VOLUME/CAPACITY (V/C) RATIO:				0.096			0.312				0.160				0.375				0.545
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.048			0.212				0.080				0.275				0.445
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.195 Δv/c after mitigation: 0.365
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
49	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	123	3	41	0	123	41	200	324	3	91	0	324	3	108	-31	293	3	98
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	40	0	40	370	410	410	0	40	0	40	370	410	0	410	0	410	0	410
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	112	1	112	0	112	112	125	238	1	238	0	238	1	238	418	656	1	656
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	112	2	56	307	419	210	83	196	2	98	307	503	2	252	102	605	2	303
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		41	North-South:		410	North-South:			91	North-South:			410	North-South:			410
	East-West:		112	East-West:		210	East-West:			238	East-West:			252	East-West:			656
	SUM:		153	SUM:		620	SUM:			329	SUM:			662	SUM:			1066
VOLUME/CAPACITY (V/C) RATIO:			0.102			0.413				0.219				0.441				0.711
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.051			0.313				0.119				0.341				0.611
LEVEL OF SERVICE (LOS):			A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.222 Δv/c after mitigation: 0.492
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
50	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	32	1	23	0	32	23	87	119	1	67	0	119	1	67	0	119	1	67
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	13	0	13	1225	1238	1238	12	25	0	25	1225	1250	0	1250	0	1250	0	1250
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	43	1	28	613	656	656	87	131	1	78	613	744	1	744	0	744	1	744
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	8	1	8	0	8	8	12	20	1	20	0	20	1	20	0	20	0	20
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	124	1	64	677	801	403	70	195	1	100	677	872	1	438	102	974	1	333
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	333
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		36	North-South:		1261	North-South:			92	North-South:			1317	North-South:			1317
	East-West:		64	East-West:		403	East-West:			100	East-West:			438	East-West:			333
	SUM:		100	SUM:		1664	SUM:			192	SUM:			1755	SUM:			1650
VOLUME/CAPACITY (V/C) RATIO:			0.067			1.109				0.128				1.170				1.100
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.033			1.009				0.064				1.070				1.000
LEVEL OF SERVICE (LOS):			A			F				A				F				E

PROJECT IMPACT

Change in v/c due to project: 1.006 Δv/c after mitigation: 0.936
Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
51	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	94	1	55	0	94	55	70	165	1	119	0	165	1	119	0	165	1	119
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	15	0	15	0	15	15	58	73	0	73	0	73	0	73	0	73	0	73
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	22	1	22	159	181	181	7	29	1	29	159	188	1	188	0	188	1	188
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	90	2	45	40	130	65	72	163	2	82	40	203	2	102	0	203	2	102
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	18	1	18	0	18	18	0	18	1	18	0	18	1	18	0	18	0	18
EASTBOUND Left-Through		0							0				0				1	
EASTBOUND Through	126	1	69	1902	2028	1020	73	201	1	111	1902	2103	1	1062	102	2205	1	748
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	12	0	12	0	12	12	9	21	0	21	0	21	0	21	0	21	0	748
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		77	North-South:		236	North-South:			148	North-South:			307	North-South:			307
	East-West:		69	East-West:		1020	East-West:			111	East-West:			1062	East-West:			748
	SUM:		146	SUM:		1256	SUM:			259	SUM:			1369	SUM:			1055
VOLUME/CAPACITY (V/C) RATIO:			0.097			0.837				0.173				0.913				0.703
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.049			0.737				0.086				0.813				0.603
LEVEL OF SERVICE (LOS):			A			C				A				D				B

PROJECT IMPACT

Change in v/c due to project: 0.727 Δv/c after mitigation: 0.517
Significant impacted? YES Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
52	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	84	1	70	0	84	70	80	165	1	165	0	165	1	165	0	165	1	165
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	55	0	55	0	55	55	124	180	1	180	0	180	0	180	0	180	0	180
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	23	1	23	0	23	23	16	39	1	39	0	39	1	39	0	39	1	39
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	106	2	53	1	107	54	132	239	2	120	1	240	2	120	0	240	2	120
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	5	0	5	0	5	5	11	16	0	16	0	16	0	16	0	16	0	16
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	156	1	81	2061	2217	1111	122	280	1	148	2061	2341	1	1179	102	2443	1	1230
EASTBOUND Through-Right		0							0				1				0	
EASTBOUND Right	16	1	16	0	16	16	4	20	1	20	0	20	1	20	0	20	1	20
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		93	North-South:		93	North-South:			219	North-South:			219	North-South:			219
	East-West:		81	East-West:		1111	East-West:			148	East-West:			1179	East-West:			1230
	SUM:		174	SUM:		1204	SUM:			367	SUM:			1398	SUM:			1449
VOLUME/CAPACITY (V/C) RATIO:			0.116			0.803				0.245				0.932				0.966
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.058			0.703				0.145				0.832				0.866
LEVEL OF SERVICE (LOS):			A			C				A				D				D

PROJECT IMPACT

Change in v/c due to project: 0.687 Δv/c after mitigation: 0.721
Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	53	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EB	WB	NB	SB
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	65	1	33	0	65	33	2	68	1	34	0	68	1	34	0	68	1	34
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	4	1	4	0	4	4	0	4	1	4	0	4	1	4	0	4	1	4
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	35	2	18	1	36	18	0	35	2	18	1	36	2	18	0	36	2	18
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	217	1	217	2061	2278	2278	263	483	1	483	2061	2544	1	2544	102	2646	2	800
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	8	1	8	0	8	8	0	8	1	8	0	8	1	8	0	8	1	8
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	37		North-South:	37		North-South:	38			North-South:	38			North-South:	38	
		East-West:	217		East-West:	2278		East-West:	483			East-West:	2544			East-West:	800	
		SUM:	254		SUM:	2315		SUM:	521			SUM:	2582			SUM:	838	
VOLUME/CAPACITY (V/C) RATIO:			0.169			1.543			0.347				1.721				0.559	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.085			1.443			0.247				1.621				0.459	
LEVEL OF SERVICE (LOS):			A			F			A				F				A	

PROJECT IMPACT

Change in v/c due to project: 1.374 | Δv/c after mitigation: 0.212
Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	54	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EB	WB	NB	SB
No. of Phases	4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	91	1	91	33	124	124	4	96	1	96	33	129	1	129	0	129	1	129
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	510	3	135	0	510	135	363	879	3	236	0	879	3	236	31	910	3	236
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	28	0	28	0	28	28	37	65	0	65	0	65	0	65	-31	34	0	34
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	23	1	23	37	60	60	0	23	1	23	37	60	1	60	0	60	1	60
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	156	1	92	52	208	208	7	165	1	101	52	217	1	217	0	217	1	217
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	27	0	27	190	217	196	9	36	0	36	190	226	0	197	0	226	0	197
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	43	1	43	0	43	43	15	59	1	59	0	59	1	59	0	59	1	59
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	145	2	72	0	145	72	26	173	2	82	0	173	2	82	0	173	2	82
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	71	0	71	0	71	71	2	74	0	74	0	74	0	74	0	74	0	74
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	46	1	46	43	89	89	20	67	1	67	43	110	1	110	0	110	1	110
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	231	2	92	394	625	223	189	423	2	189	394	817	2	320	26	843	3	281
WESTBOUND Through-Right		1							1				1				0	
WESTBOUND Right	44	0	44	0	44	44	98	143	0	143	0	143	0	143	0	143	1	113
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	183		North-South:	332		North-South:	259			North-South:	346			North-South:	346	
		East-West:	135		East-West:	266		East-West:	248			East-West:	379			East-West:	340	
		SUM:	318		SUM:	598		SUM:	507			SUM:	725			SUM:	686	
VOLUME/CAPACITY (V/C) RATIO:			0.231			0.435			0.369				0.527				0.499	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.131			0.335			0.269				0.427				0.399	
LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.158 | Δv/c after mitigation: 0.130
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	55	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EB	WB	NB	SB
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	12	1	12	3	15	15	5	17	1	17	3	20	1	20	0	20	1	20
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	75	2	38	307	382	155	258	334	2	135	307	641	2	248	-68	573	2	225
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	54	0	54	30	84	84	17	72	0	72	30	102	1	102	0	102	0	102
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	187	2	94	4	191	96	59	248	2	124	4	252	2	126	-31	221	2	111
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	15	1	15	33	48	48	4	19	1	19	33	52	1	52	0	52	1	52
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	39	39	0	0	0	0	0	39	39	0	0	0	39	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	272	2	136	406	678	339	290	565	2	283	406	971	2	486	26	997	2	499
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	54		North-South:	155		North-South:	135			North-South:	248			North-South:	225	
		East-West:	136		East-West:	339		East-West:	283			East-West:	486			East-West:	499	
		SUM:	190		SUM:	494		SUM:	418			SUM:	734			SUM:	724	
VOLUME/CAPACITY (V/C) RATIO:			0.127			0.329			0.279				0.489				0.483	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.063			0.229			0.179				0.389				0.383	
LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.210 | Δv/c after mitigation: 0.204
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	56	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EB	WB	NB	SB
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	33	1	33	27	60	60	0	33	1	33	27	60	1	60	0	60	1	60
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	52	0	91	0	52	91	0	53	0	120	0	53	0	120	0	53	0	120
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	39	0	0	0	39	0	28	67	0	0	0	67	0	0	0	67	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	11	1	11	63	74	74	18	29	1	29	63	92	1	92	0	92	1	92
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	87	2	44	455	542	271	125	213	2	107	455	668	2	334	68	736	2	368
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	29	1	29	231	260	260	6	35	1	35	231	266	1	266	26	292	1	292
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	179	1	97	7	186	101	65	246	1	131	7	253	1	134	-31	222	1	119
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	16	1	16	0	16	16	3	19	1	19	0	19	1	19	0	19	1	19
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	216	1	111	187	403	204	284	503	1	254	187	690	1	348	0	690	1	348
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	5	0	5	0	5	5	0	5	0	5	0	5	0	5	0	5	0	5
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	102		North-South:	331		North-South:	149			North-South:	394			North-South:	428	
		East-West:	113		East-West:	204		East-West:	254			East-West:	348			East-West:	348	
		SUM:	215		SUM:	535		SUM:	403			SUM:	742			SUM:	776	
VOLUME/CAPACITY (V/C) RATIO:			0.151			0.375			0.283				0.521				0.545	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.075			0.275			0.183				0.421				0.445	
LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.238 | Δv/c after mitigation: 0.262
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	57	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	33	0	33	79	112	112	3	36	0	36	79	115	0	115	0	115	0	115
	Left-Through		1							1				1				1	
	Through	130	1	65	344	474	262	75	207	1	92	344	551	1	289	0	551	1	289
	Through-Right		1							1				1				1	
	Right	32	0	65	169	201	262	0	32	0	92	169	201	0	289	0	201	0	289
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	22	1	22	0	22	22	123	145	1	145	0	145	1	145	-31	114	1	114
	Left-Through		0							0				0				0	
	Through	195	1	100	83	278	142	191	388	1	197	83	471	1	238	0	471	1	238
	Through-Right		1							1				1				1	
	Right	5	0	5	0	5	5	0	5	0	5	0	5	0	5	0	5	0	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	195	1	108	96	291	156	60	257	1	140	96	353	1	188	0	353	1	188
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	1	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		65	North-South:		262	North-South:			92	North-South:			289	North-South:			289
		East-West:		130	East-West:		178	East-West:			285	East-West:			333	East-West:			302
		SUM:		195	SUM:		440	SUM:			377	SUM:			622	SUM:			591
VOLUME/CAPACITY (V/C) RATIO:				0.137			0.309				0.265				0.436				0.415
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.068			0.209				0.165				0.336				0.315
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.171 | Δv/c after mitigation: 0.150
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	58	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	2	1	2	0	2	2	0	2	1	2	0	2	1	2	0	2	1	2
	Left-Through		0							0				0				0	
	Through	35	1	20	0	35	20	54	89	1	47	0	89	1	47	0	89	1	47
	Through-Right		1							1				1				1	
	Right	5	0	5	0	5	5	0	5	0	5	0	5	0	5	0	5	0	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	15	1	15	232	247	247	5	20	1	20	232	252	1	252	0	252	1	252
	Left-Through		0							0				0				0	
	Through	62	1	38	286	348	229	73	136	1	79	286	422	1	270	0	422	1	270
	Through-Right		1							1				1				1	
	Right	13	0	13	96	109	109	9	22	0	22	96	118	0	118	0	118	0	118
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	6	1	6	0	6	6	21	27	1	27	0	27	1	27	0	27	1	27
	Left-Through		0							0				0				0	
	Through	202	1	103	252	454	229	170	374	1	189	252	626	1	315	0	626	1	315
	Through-Right		1							1				1				1	
	Right	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	11	1	11	0	11	11	0	11	1	11	0	11	1	11	0	11	1	11
	Left-Through		0							0				0				0	
	Through	137	1	80	0	137	80	53	192	1	113	0	192	1	113	0	192	1	113
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	12	34	0	34	0	34	0	34	0	34	0	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		40	North-South:		267	North-South:			81	North-South:			299	North-South:			299
		East-West:		114	East-West:		240	East-West:			200	East-West:			326	East-West:			326
		SUM:		154	SUM:		507	SUM:			281	SUM:			625	SUM:			625
VOLUME/CAPACITY (V/C) RATIO:				0.108			0.356				0.197				0.439				0.439
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.054			0.256				0.099				0.339				0.339
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.240 | Δv/c after mitigation: 0.240
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	59	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	14	1	14	0	14	14	0	14	1	14	0	14	1	14	0	14	1	14
	Left-Through		0							0				0				0	
	Through	99	1	56	0	99	56	63	163	1	91	0	163	1	91	0	163	1	91
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	6	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	6	1	6	1	7	7	14	20	1	20	1	21	1	21	0	21	1	21
	Left-Through		0							0				0				0	
	Through	87	1	47	39	126	67	66	154	1	81	39	193	1	101	0	193	1	101
	Through-Right		1							1				1				1	
	Right	7	0	7	0	7	7	1	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	6	1	6	0	6	6	61	67	1	67	0	67	1	67	0	67	1	67
	Left-Through		0							0				0				0	
	Through	194	1	106	483	677	348	113	309	1	164	483	792	1	405	0	792	1	405
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	16	1	16	0	16	16	4	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	150	1	89	0	150	89	64	216	1	124	0	216	1	124	0	216	1	124
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	4	31	0	31	0	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		62	North-South:		81	North-South:			111	North-South:			115	North-South:			115
		East-West:		122	East-West:		364	East-West:			191	East-West:			425	East-West:			425
		SUM:		184	SUM:		445	SUM:			302	SUM:			540	SUM:			540
VOLUME/CAPACITY (V/C) RATIO:				0.129			0.312				0.212				0.379				0.379
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.065			0.212				0.112				0.279				0.279
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.167 | Δv/c after mitigation: 0.167
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	60	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	16	1	16	0	16	16	0	16	1	16	0	16	1	16	0	16	1	16
	Left-Through		0							0				0				0	
	Through	102	1	57	0	102	57	175	278	1	149	0	278	1	149	0	278	1	149
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	9	20	0	20	0	20	0	20	0	20	0	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	1	12	1	13	13	8	20	1	20	1	21	1	21	0	21	1	21
	Left-Through		0							0				0				0	
	Through	93	1	51	0	93	51	125	219	1	116	0	219	1	116	0	219	1	116
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	4	12	0	12	0	12	0	12	0	12	0	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	10	1	10	0	10	10	23	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	214	1	118	485	699	361	110	327	1	175	485	812	1	417	0	812	1	417
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	9	1	9	0	9	9	0	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	184	1	103	0	184	103	67	253	1	141	0	253	1	141	0	253	1	141
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	6	28	0	28	0	28	0	28	0	28	0	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		69	North-South:		70	North-South:			169	North-South:			170	North-South:			170
		East-West:		127	East-West:		370	East-West:			184	East-West:			426	East-West:			426
		SUM:		196	SUM:		440	SUM:			353	SUM:			596	SUM:			596
VOLUME/CAPACITY (V/C) RATIO:				0.138			0.309				0.248				0.418				0.418
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.069			0.209				0.148				0.318				0.318
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.170 | Δv/c after mitigation: 0.170
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	61	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through		1							1				1				1	
	Through	12	0	8	0	12	8	0	12	0	8	0	12	0	8	0	12	0	8
	Through-Right		1							1				1				1	
	Right	3	0	8	0	3	8	0	3	0	8	0	3	0	8	0	3	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	0	9	1	10	10	0	9	0	9	1	10	0	10	0	10	0	10
	Left-Through		1							1				1				1	
	Through	20	0	22	0	20	22	0	20	0	22	0	20	0	22	0	20	0	22
	Through-Right		1							1				1				1	
	Right	14	0	22	0	14	22	0	14	0	22	0	14	0	22	0	14	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	23	1	23	0	23	23	2	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	210	1	106	486	696	349	92	305	1	154	486	791	1	397	0	791	1	397
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Left-Through		0							0				0				0	
	Through	154	1	80	0	154	80	56	212	1	109	0	212	1	109	0	212	1	109
	Through-Right		1							1				1				1	
	Right	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		23	North-South:		23	North-South:			23	North-South:			23	North-South:			23
		East-West:		107	East-West:		350	East-West:			155	East-West:			398	East-West:			398
		SUM:		130	SUM:		373	SUM:			178	SUM:			421	SUM:			421
VOLUME/CAPACITY (v/c) RATIO:				0.091			0.262				0.125				0.295				0.295
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.046			0.162				0.062				0.195				0.195
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.133 | Δv/c after mitigation: 0.133 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	62	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	46	1	46	0	46	46	8	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	244	1	132	0	244	132	0	247	1	135	0	247	1	135	0	247	1	135
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	3	23	0	23	0	23	0	23	0	23	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	229	1	121	0	229	121	0	232	1	122	0	232	1	122	0	232	1	122
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	181	1	112	486	667	355	88	271	1	161	486	757	1	404	0	757	1	404
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	6	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	33	1	33	0	33	33	0	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	111	1	65	0	111	65	51	163	1	91	0	163	1	91	0	163	1	91
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		167	North-South:		167	North-South:			177	North-South:			177	North-South:			177
		East-West:		145	East-West:		388	East-West:			194	East-West:			437	East-West:			437
		SUM:		312	SUM:		555	SUM:			371	SUM:			614	SUM:			614
VOLUME/CAPACITY (v/c) RATIO:				0.219			0.389				0.260				0.431				0.431
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.119			0.289				0.160				0.331				0.331
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.171 | Δv/c after mitigation: 0.171 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	63	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 3, EB-- 0 WB-- 3 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	76	1	76	0	76	76	8	85	1	85	0	85	1	85	0	85	1	85
	Left-Through		0							0				0				0	
	Through	361	2	134	0	361	134	396	761	2	270	0	761	2	270	0	761	2	270
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	5	48	0	48	0	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	46	1	46	0	46	46	4	51	1	51	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	342	2	171	159	501	251	94	440	2	220	159	599	2	300	0	599	2	300
	Through-Right		0							0				0				0	
	Right	49	1	0	0	49	0	3	53	1	0	0	53	1	0	0	53	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	73	1	73	0	73	73	3	77	1	77	0	77	1	77	0	77	1	77
	Left-Through		0							0				0				0	
	Through	134	1	134	0	134	134	6	142	1	142	0	142	1	142	0	142	1	142
	Through-Right		0							0				0				0	
	Right	115	1	77	0	115	77	3	119	1	77	0	119	1	77	0	119	1	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	98	1	98	0	98	98	33	132	1	132	0	132	1	132	0	132	1	132
	Left-Through		0							0				0				0	
	Through	296	2	148	0	296	148	6	306	2	153	0	306	2	153	0	306	2	153
	Through-Right		0							0				0				0	
	Right	122	1	76	0	122	76	31	154	1	103	0	154	1	103	0	154	1	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		247	North-South:		327	North-South:			321	North-South:			385	North-South:			385
		East-West:		232	East-West:		232	East-West:			274	East-West:			274	East-West:			274
		SUM:		479	SUM:		559	SUM:			595	SUM:			659	SUM:			659
VOLUME/CAPACITY (v/c) RATIO:				0.348			0.407				0.433				0.479				0.479
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.248			0.307				0.333				0.379				0.379
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.046 | Δv/c after mitigation: 0.046 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	64	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 2 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	16	1	16	0	16	16	0	16	1	16	0	16	1	16	0	16	1	16
	Left-Through		0							0				0				0	
	Through	549	2	197	1001	1550	531	265	821	2	293	1001	1822	2	627	-68	1754	2	604
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	16	59	0	59	0	59	0	59	0	59	0	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	241	1	211	0	241	211	15	259	1	221	0	259	1	221	0	259	1	221
	Through-Right		1							1				1				1	
	Right	181	0	181	0	181	181	0	183	0	183	0	183	0	183	0	183	0	183
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	56	1	56	150	206	206	0	57	1	57	150	207	1	207	68	275	1	275
	Left-Through		0							0				0				0	
	Through	528	2	176	0	528	176	55	589	2	196	0	589	2	196	0	589	2	196
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	8	8	1	0	0	8	1	0	0	8	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		197	North-South:		531	North-South:			293	North-South:			627	North-South:			604
		East-West:		267	East-West:		417	East-West:			278	East-West:			428	East-West:			496
		SUM:		464	SUM:		948	SUM:			571	SUM:			1055	SUM:			1100
VOLUME/CAPACITY (v/c) RATIO:				0.309			0.632				0.415				0.767				0.800
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.209			0.532				0.315				0.667				0.700
LEVEL OF SERVICE (LOS):				A			A				A				B				C

PROJECT IMPACT

Change in v/c due to project: 0.352 | Δv/c after mitigation: 0.385 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	65	North-South Street:	I-110 NB Off General	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				1			1			1			1			1			1			1
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 2	SB--	2	NB-- 2	SB--	2	NB--	2	SB--	2	NB--	2	SB--	2	NB--	2	SB--	2	NB--	2	SB--	2
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0			0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	200	1	**147**	0	200	**147**	16	218	1	**185**	0	218	1	**185**	0	218	1	**185**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	93	0	147	0	93	147	58	152	0	185	0	152	0	185	0	152	0	185
	Left-Through-Right		0							0				0				0	
	Left-Right		1							0				1				0	
SOUTHBOUND	Left	70	1	**46**	0	70	**46**	8	79	2	**43**	0	79	2	**43**	0	79	2	**43**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	21	0	46	0	21	46	15	36	1	36	0	36	1	36	0	36	1	36
	Left-Through-Right		0							0				0				0	
	Left-Right		1							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	144	2	72	0	144	72	15	161	2	81	0	161	2	81	0	161	2	81
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	248	2	**124**	150	398	**199**	39	290	2	**145**	150	440	2	**220**	68	508	2	**254**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		193	*North-South:*		193	*North-South:*			228	*North-South:*			228	*North-South:*			228
		East-West:		124	*East-West:*		199	*East-West:*			145	*East-West:*			220	*East-West:*			254
		SUM:		317	*SUM:*		392	*SUM:*			373	*SUM:*			448	*SUM:*			482
VOLUME/CAPACITY (*V/C*) RATIO:				0.222			0.275				0.262				0.314				0.338
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.122			0.175				0.162				0.214				0.238
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.052 — *Δv/c* after mitigation: 0.076

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	66	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	14	1	**14**	0	14	**14**	0	14	1	**14**	0	14	1	**14**	0	14	1	**14**
	Left-Through		0							0				0				0	
	Through	38	1	38	0	38	38	0	38	1	38	0	38	1	38	0	38	1	38
	Through-Right		0							0				0				0	
	Right	12	1	1	0	12	1	0	12	1	1	0	12	1	1	0	12	1	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	26	1	26	0	26	26	0	26	1	26	0	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	87	1	**62**	202	289	**188**	160	248	1	**142**	202	450	1	**269**	0	450	1	**303**
	Through-Right		1							1				1				1	
	Right	36	0	36	51	87	87	0	36	0	36	51	87	0	87	68	155	0	155
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	28	1	28	0	28	**28**	15	43	1	43	0	43	1	**43**	0	43	1	**43**
	Left-Through		0							0				0				0	
	Through	214	1	**111**	0	214	111	59	276	1	**142**	0	276	1	142	0	276	1	142
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	1	**22**	0	22	22	0	22	1	**22**	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	175	1	92	99	274	**141**	39	216	1	112	99	315	1	**162**	0	315	1	**162**
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		76	*North-South:*		202	*North-South:*			156	*North-South:*			283	*North-South:*			317
		East-West:		133	*East-West:*		169	*East-West:*			164	*East-West:*			205	*East-West:*			205
		SUM:		209	*SUM:*		371	*SUM:*			320	*SUM:*			488	*SUM:*			522
VOLUME/CAPACITY (*V/C*) RATIO:				0.139			0.247				0.213				0.325				0.348
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.070			0.147				0.113				0.225				0.248
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.112 — *Δv/c* after mitigation: 0.135

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	67	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	4	1	**4**	0	4	**4**	0	4	1	**4**	0	4	1	**4**	0	4	1	**4**
	Left-Through		0							0				0				0	
	Through	36	1	22	0	36	22	74	110	1	59	0	110	1	59	0	110	1	59
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	1	12	0	12	12	0	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	70	1	**45**	111	181	**130**	63	134	1	**79**	111	245	1	**164**	0	245	1	**164**
	Through-Right		1							1				1				1	
	Right	19	0	19	60	79	79	4	23	0	23	60	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	14	1	14	0	14	**14**	13	27	1	27	0	27	1	**27**	0	27	1	**27**
	Left-Through		0							0				0				0	
	Through	237	1	**121**	0	237	121	46	286	1	**146**	0	286	1	146	0	286	1	146
	Through-Right		1							1				1				1	
	Right	5	0	5	0	5	5	0	5	0	5	0	5	0	5	0	5	0	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	10	1	**10**	0	10	10	0	10	1	**10**	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	191	1	101	39	230	**120**	35	228	1	119	39	267	1	**139**	0	267	1	**139**
	Through-Right		1							1				1				1	
	Right	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		49	*North-South:*		134	*North-South:*			83	*North-South:*			168	*North-South:*			168
		East-West:		131	*East-West:*		134	*East-West:*			156	*East-West:*			166	*East-West:*			166
		SUM:		180	*SUM:*		268	*SUM:*			239	*SUM:*			334	*SUM:*			334
VOLUME/CAPACITY (*V/C*) RATIO:				0.120			0.179				0.159				0.223				0.223
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.060			0.089				0.080				0.123				0.123
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.043 — *Δv/c* after mitigation: 0.043

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	68	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	16	1	**16**	0	16	**16**	1	17	1	**17**	0	17	1	**17**	0	17	1	**17**
	Left-Through		0							0				0				0	
	Through	100	1	54	0	100	54	68	169	1	89	0	169	1	89	0	169	1	89
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	1	11	0	11	11	1	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	92	1	**50**	0	92	**69**	64	157	1	**85**	0	157	1	**104**	0	157	1	**104**
	Through-Right		1							1				1				1	
	Right	7	0	7	39	46	46	5	12	0	12	39	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	4	1	4	0	4	4	3	7	1	7	0	7	1	7	0	7	1	7
	Left-Through		0							0				0				0	
	Through	235	1	**124**	0	235	**124**	42	280	1	**147**	0	280	1	**147**	0	280	1	**147**
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	1	13	0	13	0	13	0	13	0	13	0	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	1	**14**	0	14	**14**	0	14	1	**14**	0	14	1	**14**	0	14	1	**14**
	Left-Through		0							0				0				0	
	Through	188	1	97	0	188	97	28	218	1	112	0	218	1	112	0	218	1	112
	Through-Right		1							1				1				1	
	Right	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		66	*North-South:*		85	*North-South:*			102	*North-South:*			121	*North-South:*			121
		East-West:		138	*East-West:*		138	*East-West:*			161	*East-West:*			161	*East-West:*			161
		SUM:		204	*SUM:*		223	*SUM:*			263	*SUM:*			282	*SUM:*			282
VOLUME/CAPACITY (*V/C*) RATIO:				0.136			0.149				0.175				0.188				0.188
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.068			0.074				0.088				0.094				0.094
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.006 — *Δv/c* after mitigation: 0.006

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	69	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	12	1	12	0	12	12	0	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	125	1	75	0	125	75	172	299	1	162	0	299	1	162	0	299	1	162
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	19	1	19	0	19	19	0	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	110	1	61	0	110	61	122	233	1	123	0	233	1	123	0	233	1	123
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	2	13	0	13	0	13	0	13	0	13	0	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	12	1	12	0	12	12	11	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	216	1	120	0	216	120	31	250	1	137	0	250	1	137	0	250	1	137
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	179	1	94	0	179	94	27	208	1	109	0	208	1	109	0	208	1	109
	Through-Right		1							1				1				1	
	Right	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		94	North-South:		94	North-South:			181	North-South:			181	North-South:			181
		East-West:		142	East-West:		142	East-West:			159	East-West:			159	East-West:			159
		SUM:		236	SUM:		236	SUM:			340	SUM:			340	SUM:			340
VOLUME/CAPACITY (V/C) RATIO:				0.172			0.172				0.247				0.247				0.247
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.086			0.086				0.147				0.147				0.147
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	70	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Jefferson	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	1	17	0	17	17	4	21	1	21	0	21	1	21	0	21	1	21
	Left-Through		0							0				0				0	
	Through	109	2	38	673	782	263	221	331	2	126	673	1004	2	350	0	1004	2	350
	Through-Right		1							1				1				1	
	Right	6	0	6	0	6	6	40	46	0	46	0	46	0	46	0	46	0	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	236	2	118	0	236	118	160	399	2	200	0	399	2	200	0	399	2	200
	Through-Right		0							0				0				0	
	Right	218	1	218	0	218	218	83	304	1	304	0	304	1	304	0	304	1	304
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	57	1	57	33	90	90	0	58	1	58	33	91	1	91	0	91	1	91
	Left-Through		0							0				0				0	
	Through	294	2	147	11	305	153	81	379	2	190	11	390	2	195	0	390	2	195
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		38	North-South:		263	North-South:			126	North-South:			350	North-South:			350
		East-West:		275	East-West:		308	East-West:			362	East-West:			395	East-West:			395
		SUM:		313	SUM:		571	SUM:			488	SUM:			745	SUM:			745
VOLUME/CAPACITY (V/C) RATIO:				0.220			0.401				0.355				0.542				0.542
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.120			0.301				0.255				0.442				0.442
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.187 | Δv/c after mitigation: 0.187

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	71	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Exposition	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	307	3	83	0	307	83	231	542	3	144	0	542	3	144	0	542	3	144
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	7	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	287	1	287	28	315	315	90	380	1	380	28	408	1	408	0	408	1	408
	Left-Through		0							0				0				0	
	Through	307	2	154	141	448	224	83	394	1	197	141	535	1	268	0	535	1	268
	Through-Right		0							1				1				1	
	Right	70	1	35	0	70	35	0	71	1	36	0	71	1	36	0	71	1	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	63	2	35	0	63	35	0	64	2	35	0	64	2	35	0	64	2	35
	Left-Through		0							0				0				0	
	Through	270	3	90	0	270	90	14	287	3	96	0	287	3	96	0	287	3	96
	Through-Right		0							0				0				0	
	Right	64	1	0	0	64	0	0	65	1	0	0	65	1	0	0	65	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	16	1	16	4	20	20	4	20	1	20	4	24	1	24	0	24	1	24
	Left-Through		0							0				0				0	
	Through	225	2	113	0	225	113	9	237	2	119	0	237	2	119	0	237	2	119
	Through-Right		0							0				0				0	
	Right	194	1	51	0	194	37	39	235	1	45	0	235	1	31	0	235	1	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		370	North-South:		398	North-South:			524	North-South:			552	North-South:			552
		East-West:		148	East-West:		148	East-West:			154	East-West:			154	East-West:			154
		SUM:		518	SUM:		546	SUM:			678	SUM:			706	SUM:			706
VOLUME/CAPACITY (V/C) RATIO:				0.377			0.397				0.493				0.513				0.513
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.277			0.297				0.393				0.413				0.413
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.020 | Δv/c after mitigation: 0.020

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	72	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	117	2	64	0	117	64	0	118	2	65	0	118	2	65	0	118	2	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	388	2	213	639	1027	565	88	481	2	265	639	1120	2	616	0	1120	2	616
	Left-Through		0							0				0				0	
	Through	75	2	38	62	137	69	211	287	2	144	62	349	2	175	0	349	2	175
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	542	4	115	28	570	121	111	660	4	139	28	688	4	145	0	688	4	145
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		277	North-South:		629	North-South:			330	North-South:			681	North-South:			681
		East-West:		115	East-West:		121	East-West:			139	East-West:			145	East-West:			145
		SUM:		392	SUM:		750	SUM:			469	SUM:			826	SUM:			826
VOLUME/CAPACITY (V/C) RATIO:				0.275			0.526				0.329				0.580				0.580
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.175			0.426				0.229				0.480				0.480
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.251 | Δv/c after mitigation: 0.251

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	73	North-South Street:	I-110 NB Off- Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3					3					3					3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0					0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2					2					2					2
Override Capacity			0			0			0					0					0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	242	2	85	0	242	85	44	289	2	101	0	289	2	101	0	289	2	101
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	0	13	0	13	0	13	0	13	0	13	0	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	388	2	213	0	388	213	74	467	2	257	0	467	2	257	0	467	2	257
	Left-Through		0							0				0				0	
	Through	43	2	22	0	43	22	1	45	2	23	0	45	2	23	0	45	2	23
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	70	1	70	0	70	70	1	72	1	72	0	72	1	72	0	72	1	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		85	North-South:		85	North-South:			101	North-South:			101	North-South:			101
		East-West:		283	East-West:		283	East-West:			329	East-West:			329	East-West:			329
		SUM:		368	SUM:		368	SUM:			430	SUM:			430	SUM:			430
VOLUME/CAPACITY (V/C) RATIO:				0.258			0.258				0.302				0.302				0.302
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.158			0.158				0.202				0.202				0.202
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	74	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2					2					2					2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0					0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2					2					2					2
Override Capacity			0			0			0					0					0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Left-Through		0							0				0				0	
	Through	22	1	12	0	22	12	74	96	1	49	0	96	1	49	0	96	1	49
	Through-Right		1							1				1				1	
	Right	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Left-Through		0							0				0				0	
	Through	67	1	39	111	178	94	63	131	1	71	111	242	1	126	0	242	1	126
	Through-Right		1							1				1				1	
	Right	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
	Left-Through		1							1				1				1	
	Through	10	0	17	0	10	17	1	11	0	18	0	11	0	18	0	11	0	18
	Through-Right		0							0				0				0	
	Right	9	1	9	0	9	9	0	9	1	9	0	9	1	9	0	9	1	9
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1	0	2	0	1	2	1	2	0	3	0	2	0	3	0	2	0	3
	Through-Right		0							0				0				0	
	Right	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		40	North-South:		95	North-South:			72	North-South:			127	North-South:			127
		East-West:		17	East-West:		17	East-West:			18	East-West:			18	East-West:			18
		SUM:		57	SUM:		112	SUM:			90	SUM:			145	SUM:			145
VOLUME/CAPACITY (V/C) RATIO:				0.038			0.075				0.060				0.097				0.097
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.019			0.037				0.030				0.048				0.048
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.018 Δv/c after mitigation: 0.018

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	75	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	37th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2					2					2					2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0					0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2					2					2					2
Override Capacity			0			0			0					0					0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	4	1	4	0	4	4	1	5	1	5	0	5	1	5	0	5	1	5
	Left-Through		0							0				0				0	
	Through	108	1	55	0	108	55	72	181	1	92	0	181	1	92	0	181	1	92
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	164	1	83	0	164	83	75	241	1	122	0	241	1	122	0	241	1	122
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through		0							0				0				0	
	Through	4	0	17	0	4	17	0	4	0	18	0	4	0	18	0	4	0	18
	Through-Right		0							0				0				0	
	Right	2	0	0	0	2	0	1	3	0	0	0	3	0	0	0	3	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		87	North-South:		87	North-South:			127	North-South:			127	North-South:			127
		East-West:		17	East-West:		17	East-West:			18	East-West:			18	East-West:			18
		SUM:		104	SUM:		104	SUM:			145	SUM:			145	SUM:			145
VOLUME/CAPACITY (V/C) RATIO:				0.069			0.069				0.097				0.097				0.097
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.035			0.035				0.048				0.048				0.048
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	76	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4					4					4					4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0					0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2					2					2					2
Override Capacity			0			0			0					0					0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	2	0	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0
	Left-Through		0							0				0				0	
	Through	204	2	75	0	204	75	230	437	2	153	0	437	2	153	0	437	2	153
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	30	2	17	0	30	17	0	31	2	17	0	31	2	17	0	31	2	17
	Left-Through		0							0				0				0	
	Through	296	2	99	146	442	148	90	390	2	130	146	536	2	179	0	536	2	179
	Through-Right		1							1				1				1	
	Right	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	5	1	2	0	5	2	0	5	1	2	0	5	1	2	0	5	1	2
	Left-Through		1							1				1				1	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		1							1				1				1	
	Right	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	41	1	23	0	41	23	0	42	1	23	0	42	1	23	0	42	1	23
	Left-Through		1							1				1				1	
	Through	9	0	72	0	9	72	0	9	0	73	0	9	0	73	0	9	0	73
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	0	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		99	North-South:		148	North-South:			170	North-South:			179	North-South:			179
		East-West:		74	East-West:		74	East-West:			75	East-West:			75	East-West:			75
		SUM:		173	SUM:		222	SUM:			245	SUM:			254	SUM:			254
VOLUME/CAPACITY (V/C) RATIO:				0.126			0.161				0.178				0.185				0.185
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.063			0.081				0.089				0.092				0.092
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.003 Δv/c after mitigation: 0.003

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	77	North-South Street:	I-110 SB HOV Off Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB	WB	NB	SB
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	12	0	64	0	12	64	0	12	0	65	0	12	0	65	0	12	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	24	2	12	0	24	12	0	24	2	12	0	24	2	12	0	24	2	12
	Through-Right		0							0				0				0	
	Right	31	1	31	62	93	93	0	32	1	32	62	94	1	94	0	94	1	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	25	1	25	224	249	249	0	26	1	26	224	250	1	250	0	250	1	250
	Left-Through		0							0				0				0	
	Through	26	2	13	0	26	13	0	27	2	14	0	27	2	14	0	27	2	14
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		64	North-South:		64	North-South:			65	North-South:			65	North-South:			65
		East-West:		56	East-West:		342	East-West:			58	East-West:			344	East-West:			344
		SUM:		120	SUM:		406	SUM:			123	SUM:			409	SUM:			409
VOLUME/CAPACITY (V/C) RATIO:				0.080			0.271				0.082				0.273				0.273
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.040			0.171				0.041				0.173				0.173
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.132 — Δv/c after mitigation: 0.132

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	78	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB	WB	NB	SB
No. of Phases		4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	50	1	50	0	50	50	2	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	145	3	48	0	145	48	212	359	3	120	0	359	3	120	0	359	3	120
	Through-Right		0							0				0				0	
	Right	66	1	0	0	66	0	2	69	1	0	0	69	1	0	0	69	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	58	1	58	146	204	204	37	96	1	96	146	242	1	242	0	242	1	242
	Left-Through		0							0				0				0	
	Through	201	2	89	0	201	89	52	255	2	85	0	255	2	85	0	255	2	85
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	1	68	1	29	0	68	1	29	0	68	1	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	76	1	76	0	76	76	1	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	751	2	268	0	751	268	1	761	2	272	0	761	2	272	0	761	2	272
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	1	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	123	1	123	0	123	123	4	129	1	129	0	129	1	129	0	129	1	129
	Left-Through		0							0				0				0	
	Through	611	2	226	0	611	226	1	620	2	235	0	620	2	235	0	620	2	235
	Through-Right		1							1				1				1	
	Right	66	0	66	0	66	66	17	84	0	84	0	84	0	84	0	84	0	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		139	North-South:		252	North-South:			216	North-South:			362	North-South:			362
		East-West:		391	East-West:		391	East-West:			401	East-West:			401	East-West:			401
		SUM:		530	SUM:		643	SUM:			617	SUM:			763	SUM:			763
VOLUME/CAPACITY (V/C) RATIO:				0.385			0.468				0.449				0.555				0.555
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.285			0.368				0.349				0.455				0.455
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.106 — Δv/c after mitigation: 0.106

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	79	North-South Street:	I-110 SB Ramps	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB	WB	NB	SB
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	212	1	194	0	212	194	0	214	1	197	0	214	1	197	0	214	1	197
	Left-Through		0							0				0				0	
	Through	5	0	0	0	5	0	0	5	0	0	0	5	0	0	0	5	0	0
	Through-Right		0							0				0				0	
	Right	370	1	194	0	370	194	3	377	1	197	0	377	1	197	0	377	1	197
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	520	2	260	0	520	260	39	565	2	283	0	565	2	283	0	565	2	283
	Through-Right		1							1				1				1	
	Right	408	0	408	146	554	554	0	413	0	413	146	559	0	559	0	559	0	559
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	170	1	170	44	214	214	0	172	1	172	44	216	1	216	0	216	1	216
	Left-Through		0							0				0				0	
	Through	497	3	166	0	497	166	19	522	3	174	0	522	3	174	0	522	3	174
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		194	North-South:		194	North-South:			197	North-South:			197	North-South:			197
		East-West:		578	East-West:		768	East-West:			585	East-West:			775	East-West:			775
		SUM:		772	SUM:		962	SUM:			782	SUM:			972	SUM:			972
VOLUME/CAPACITY (V/C) RATIO:				0.515			0.641				0.521				0.648				0.648
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.415			0.541				0.421				0.548				0.548
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.127 — Δv/c after mitigation: 0.127

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	80	North-South Street:	I-110 NB Ramps/Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/19/2012
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB	WB	NB	SB
No. of Phases		4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		1	1	1	1
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	218	1	159	0	218	159	0	220	1	197	0	220	1	197	0	220	1	197
	Left-Through		0							0				0				0	
	Through	17	0	159	0	17	159	74	91	0	197	0	91	0	197	0	91	0	197
	Through-Right		0							0				0				0	
	Right	82	0	0	0	82	0	0	83	0	0	0	83	0	0	0	83	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	1	11	0	11	11	0	11	1	11	0	11	1	11	0	11	1	11
	Left-Through		0							0				0				0	
	Through	5	1	5	0	5	5	63	68	1	68	0	68	1	68	0	68	1	68
	Through-Right		0							0				0				0	
	Right	40	1	29	44	84	73	0	41	1	30	44	85	1	74	0	85	1	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	22	1	22	0	22	22	0	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	390	2	195	0	390	195	39	433	2	217	0	433	2	217	0	433	2	217
	Through-Right		1							1				1				1	
	Right	224	0	145	0	224	145	0	227	0	129	0	227	0	129	0	227	0	129
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	93	1	92	0	93	92	0	94	1	94	0	94	1	94	0	94	1	94
	Left-Through		0							0				0				0	
	Through	405	2	139	0	405	139	19	429	2	147	0	429	2	147	0	429	2	147
	Through-Right		1							1				1				1	
	Right	13	0	12	0	13	12	0	13	0	13	0	13	0	13	0	13	0	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		188	North-South:		232	North-South:			265	North-South:			271	North-South:			271
		East-West:		287	East-West:		287	East-West:			311	East-West:			311	East-West:			311
		SUM:		475	SUM:		519	SUM:			576	SUM:			582	SUM:			582
VOLUME/CAPACITY (V/C) RATIO:				0.345			0.377				0.419				0.423				0.423
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.245			0.277				0.319				0.323				0.323
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.004 — Δv/c after mitigation: 0.004

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	81	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	James Wood	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	242	1	242	353	595	595	105	350	1	350	353	703	1	703	0	703	1	703
	Through-Right		0							0				0				0	
	Right	27	1	27	78	105	105	6	33	1	33	78	111	1	111	0	111	1	111
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	208	0	208	0	208	208	14	225	0	225	0	225	0	225	0	225	0	225
	Left-Through		1							1				1				1	
	Through	291	1	169	24	315	177	274	569	1	267	24	593	1	275	0	593	1	275
	Through-Right		1							1				1				1	
	Right	8	0	169	0	8	177	0	8	0	267	0	8	0	275	0	8	0	275
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		242		North-South:	595		North-South:		350		North-South:		703		North-South:		703
		East-West:		208		East-West:	208		East-West:		267		East-West:		275		East-West:		275
		SUM:		450		SUM:	803		SUM:		617		SUM:		978		SUM:		978
VOLUME/CAPACITY (V/C) RATIO:				0.300			0.535				0.411				0.652				0.652
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.200			0.435				0.311				0.552				0.552
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.241 Δv/c after mitigation: 0.241

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	82	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	1	23	208	231	231	66	89	1	89	208	297	1	297	0	297	1	297
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	104	0	104	18	122	122	61	166	1	166	18	184	1	184	0	184	1	184
	Left-Through		1							1				1				1	
	Through	641	3	186	219	860	246	441	1090	4	218	219	1309	4	262	0	1309	4	262
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		23		North-South:	231		North-South:		89		North-South:		297		North-South:		297
		East-West:		186		East-West:	246		East-West:		218		East-West:		262		East-West:		262
		SUM:		209		SUM:	477		SUM:		307		SUM:		559		SUM:		559
VOLUME/CAPACITY (V/C) RATIO:				0.139			0.318				0.205				0.373				0.373
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.070			0.218				0.105				0.273				0.273
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.168 Δv/c after mitigation: 0.168

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	83	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	486	3	140	223	709	200	459	951	3	266	259	1210	3	335	-468	742	3	218
	Through-Right		1							1				1				1	
	Right	73	0	73	17	90	90	39	113	0	113	17	130	0	130	0	130	0	130
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	162	1	131	283	445	245	64	228	1	228	283	511	1	319	0	511	1	319
	Left-Through		1							1				1				1	
	Through	492	3	131	144	636	212	442	940	3	235	144	1084	3	319	0	1084	3	319
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		140		North-South:	200		North-South:		266		North-South:		335		North-South:		218
		East-West:		131		East-West:	245		East-West:		235		East-West:		319		East-West:		319
		SUM:		271		SUM:	445		SUM:		501		SUM:		654		SUM:		537
VOLUME/CAPACITY (V/C) RATIO:				0.181			0.297				0.334				0.436				0.358
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.090			0.197				0.234				0.336				0.258
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.102 Δv/c after mitigation: 0.024

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	84	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	154	1	154	53	207	207	6	162	1	162	53	215	1	215	0	215	1	215
	Left-Through		0							0				0				0	
	Through	369	4	92	147	516	129	307	680	4	170	147	827	4	207	-241	586	4	147
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	241	241	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	413	3	138	145	558	181	355	773	3	258	145	918	3	303	0	918	3	303
	Through-Right		1							1				1				1	
	Right	151	0	151	16	167	167	126	279	0	279	16	295	0	295	0	295	0	295
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		154		North-South:	207		North-South:		170		North-South:		215		North-South:		215
		East-West:		151		East-West:	181		East-West:		279		East-West:		303		East-West:		303
		SUM:		305		SUM:	388		SUM:		449		SUM:		518		SUM:		518
VOLUME/CAPACITY (V/C) RATIO:				0.203			0.259				0.299				0.345				0.345
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.103			0.159				0.199				0.245				0.245
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.046 Δv/c after mitigation: 0.046

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	85	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	144	1	81	0	144	81	96	242	1	130	0	242	1	130	0	242	1	130
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	1	12	0	12	12	2	14	1	14	0	14	1	14	0	14	1	14
	Left-Through		0							0				0				0	
	Through	118	2	59	0	118	59	58	177	1	177	0	177	1	177	0	177	1	177
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	42	1	42	0	42	42	44	87	1	87	0	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	188	3	63	171	359	120	185	375	3	125	171	546	3	182	0	546	3	182
	Through-Right		0							0				0				0	
	Right	33	1	33	14	47	47	49	82	1	82	14	96	1	96	0	96	1	96
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		93	North-South:		93	North-South:			177	North-South:			177	North-South:			177
		East-West:		63	East-West:		120	East-West:			125	East-West:			182	East-West:			182
		SUM:		156	SUM:		213	SUM:			302	SUM:			359	SUM:			359
VOLUME/CAPACITY (V/C) RATIO:				0.104			0.142				0.201				0.239				0.239
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.052			0.071				0.101				0.139				0.139
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.038 Δv/c after mitigation: 0.038

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	86	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	576	2	288	0	576	288	86	669	2	335	0	669	2	335	0	669	2	335
	Through-Right		0							0				0				0	
	Right	45	1	45	0	45	45	0	46	1	46	0	46	1	46	0	46	1	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	326	2	179	321	647	356	153	483	2	266	357	840	2	462	0	840	2	462
	Left-Through		0							0				0				0	
	Through	280	1	191	159	439	284	101	384	1	244	159	543	1	337	0	543	1	337
	Through-Right		1							1				1				1	
	Right	102	0	102	27	129	129	1	104	0	104	27	131	0	131	0	131	0	131
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		288	North-South:		288	North-South:			335	North-South:			335	North-South:			335
		East-West:		191	East-West:		356	East-West:			266	East-West:			462	East-West:			462
		SUM:		479	SUM:		644	SUM:			601	SUM:			797	SUM:			797
VOLUME/CAPACITY (V/C) RATIO:				0.319			0.429				0.401				0.531				0.531
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.219			0.329				0.301				0.431				0.431
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.130 Δv/c after mitigation: 0.130

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	87	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	249	2	137	214	463	255	71	323	2	178	214	537	2	295	0	537	2	295
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	16	16	0	0	0	16	0	0	0	16	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	28	28	0	0	0	28	0	0	0	28	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	30	0	30	0	30	30	138	168	0	168	0	168	0	168	0	168	0	168
	Left-Through		1							1				1				1	
	Through	689	4	144	598	1287	263	349	1046	4	243	634	1680	4	370	0	1680	4	370
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	40	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		137	North-South:		255	North-South:			178	North-South:			295	North-South:			295
		East-West:		144	East-West:		263	East-West:			243	East-West:			370	East-West:			370
		SUM:		281	SUM:		518	SUM:			421	SUM:			665	SUM:			665
VOLUME/CAPACITY (V/C) RATIO:				0.187			0.345				0.281				0.443				0.443
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.094			0.245				0.181				0.343				0.343
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.162 Δv/c after mitigation: 0.162

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	88	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	164	1	164	283	447	447	183	349	1	349	319	668	1	668	0	668	1	668
	Left-Through		0							0				0				0	
	Through	519	6	87	674	1193	199	341	866	6	144	674	1540	6	257	0	1540	6	257
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	607	4	152	315	922	231	345	959	4	240	315	1274	4	319	0	1274	4	319
	Through-Right		0							0				0				0	
	Right	99	1	99	95	194	194	15	115	1	115	95	210	1	210	0	210	1	210
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		164	North-South:		447	North-South:			349	North-South:			668	North-South:			668
		East-West:		152	East-West:		231	East-West:			240	East-West:			319	East-West:			319
		SUM:		316	SUM:		678	SUM:			589	SUM:			987	SUM:			987
VOLUME/CAPACITY (V/C) RATIO:				0.211			0.452				0.393				0.658				0.658
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.111			0.352				0.293				0.558				0.558
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.265 Δv/c after mitigation: 0.265

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	89	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	347	4	87	64	411	103	272	623	4	156	64	687	4	172	0	687	4	172
	Through-Right		0							0				0				0	
	Right	163	1	163	222	385	385	36	201	1	201	222	423	1	423	0	423	1	423
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	60	0	60	0	60	60	41	102	0	102	0	102	0	102	0	102	0	102
	Left-Through		1							1				1				1	
	Through	521	3	145	155	676	184	324	851	3	238	188	1039	3	285	0	1039	3	285
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		163	North-South:		385	North-South:			201	North-South:			423	North-South:			423
		East-West:		145	East-West:		184	East-West:			238	East-West:			285	East-West:			285
		SUM:		308	SUM:		569	SUM:			439	SUM:			708	SUM:			708
VOLUME/CAPACITY (V/C) RATIO:				0.205			0.379				0.293				0.472				0.472
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.105			0.279				0.193				0.372				0.372
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.179 | Δv/c after mitigation: 0.179

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	90	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	18	1	18	7	25	25	3	21	1	21	7	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	73	2	37	243	316	158	84	158	2	79	243	401	2	201	0	401	2	201
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	98	2	49	18	116	58	157	256	2	128	18	274	2	137	0	274	2	137
	Through-Right		0							0				0				0	
	Right	38	1	38	6	44	44	45	83	1	83	6	89	1	89	0	89	1	89
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	12	1	12	0	12	12	34	46	1	46	0	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	199	2	72	0	199	72	235	436	2	153	0	436	2	153	0	436	2	153
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	7	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		67	North-South:		158	North-South:			149	North-South:			201	North-South:			201
		East-West:		72	East-West:		72	East-West:			153	East-West:			153	East-West:			153
		SUM:		139	SUM:		230	SUM:			302	SUM:			354	SUM:			354
VOLUME/CAPACITY (V/C) RATIO:				0.093			0.153				0.201				0.236				0.236
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.046			0.077				0.101				0.136				0.136
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.035 | Δv/c after mitigation: 0.035

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	91	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	19	1	19	0	19	19	30	49	1	49	0	49	1	49	0	49	1	49
	Left-Through		0							0				0				0	
	Through	172	2	86	0	172	86	109	283	2	142	0	283	2	142	0	283	2	142
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	118	1	73	0	118	73	60	179	0	228	0	179	0	228	0	179	0	228
	Through-Right		1							1				1				1	
	Right	28	0	28	0	28	28	21	49	0	0	0	49	0	0	0	49	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	13	0	13	0	13	13	0	13	0	13	0	13	0	13	0	13	0	13
	Left-Through		1							1				1				1	
	Through	175	2	55	0	175	55	224	401	2	112	0	401	2	112	0	401	2	112
	Through-Right		1							1				1				1	
	Right	31	0	55	0	31	55	4	35	0	112	0	35	0	112	0	35	0	112
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		92	North-South:		92	North-South:			277	North-South:			277	North-South:			277
		East-West:		55	East-West:		55	East-West:			112	East-West:			112	East-West:			112
		SUM:		147	SUM:		147	SUM:			389	SUM:			389	SUM:			389
VOLUME/CAPACITY (V/C) RATIO:				0.103			0.103				0.273				0.273				0.273
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.052			0.052				0.173				0.173				0.173
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	92	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	33	1	33	0	33	33	0	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	42	1	42	17	59	59	9	52	1	52	17	69	1	69	0	69	1	69
	Through-Right		0							0				0				0	
	Right	54	1	19	10	64	29	0	55	1	18	10	65	1	28	0	65	1	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	1	12	0	12	12	0	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	169	1	169	0	169	169	22	193	1	193	0	193	1	193	0	193	1	193
	Through-Right		0							0				0				0	
	Right	11	1	5	0	11	5	12	23	1	0	0	23	1	0	0	23	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	13	1	13	0	13	13	34	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	334	2	167	0	334	167	61	399	2	200	0	399	2	200	0	399	2	200
	Through-Right		0							0				0				0	
	Right	95	1	79	0	95	79	9	105	1	89	0	105	1	89	0	105	1	89
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	71	1	71	0	71	71	3	75	1	75	0	75	1	75	0	75	1	75
	Left-Through		0							0				0				0	
	Through	285	2	143	113	398	199	95	383	2	192	113	496	2	248	0	496	2	248
	Through-Right		0							0				0				0	
	Right	9	1	3	0	9	3	18	27	1	21	0	27	1	21	0	27	1	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		202	North-South:		202	North-South:			226	North-South:			226	North-South:			226
		East-West:		238	East-West:		238	East-West:			275	East-West:			295	East-West:			295
		SUM:		440	SUM:		440	SUM:			501	SUM:			521	SUM:			521
VOLUME/CAPACITY (V/C) RATIO:				0.293			0.293				0.334				0.347				0.347
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.223			0.223				0.234				0.247				0.247
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.013 | Δv/c after mitigation: 0.013

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
93	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	50	0	50	98	148	148	39	90	0	90	98	188	0	188	0	188	0	188
	Left-Through		1							1				1				1	
	Through	612	3	141	1037	1649	382	319	938	3	214	1037	1975	3	455	-179	1796	3	419
	Through-Right		1							1				1				1	
	Right	41	0	141	71	112	382	0	41	0	214	71	112	0	455	0	112	0	419
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	251	2	138	10	261	144	130	384	2	211	10	394	2	217	0	394	2	217
	Left-Through		0							0				0				0	
	Through	203	2	102	0	203	102	76	281	2	141	0	281	2	141	0	281	2	141
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	153	2	77	15	168	84	57	212	2	106	15	227	2	114	0	227	2	114
	Through-Right		0							0				0				0	
	Right	198	1	198	154	352	352	0	200	1	200	154	354	1	354	0	354	1	354
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		141	North-South:		382	North-South:			214	North-South:			455	North-South:			419
		East-West:		336	East-West:		496	East-West:			411	East-West:			571	East-West:			571
		SUM:		477	SUM:		878	SUM:			625	SUM:			1026	SUM:			990
VOLUME/CAPACITY (V/C) RATIO:				0.335			0.616				0.439				0.720				0.695
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.265			0.546				0.339				0.620				0.595
LEVEL OF SERVICE (LOS):				A			A				A				B				A

PROJECT IMPACT

Change in v/c due to project: 0.281 | Δv/c after mitigation: 0.256

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Lucas	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
94	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	11	0	11	0	11	11	5	16	0	16	0	16	0	16	0	16	0	16
	Left-Through		0							0				0				0	
	Through	64	0	79	24	88	103	37	102	0	153	24	126	0	177	0	126	0	177
	Through-Right		0							0				0				0	
	Right	4	0	0	0	4	0	31	35	0	0	0	35	0	0	0	35	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	10	0	10	0	10	10	30	40	0	40	0	40	0	40	0	40	0	40
	Left-Through		0							0				0				0	
	Through	47	0	108	0	47	108	48	96	0	191	0	96	0	191	0	96	0	191
	Through-Right		0							0				0				0	
	Right	51	0	0	0	51	0	3	55	0	0	0	55	0	0	0	55	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	67	1	67	0	67	67	3	71	1	71	0	71	1	71	0	71	1	71
	Left-Through		0							0				0				0	
	Through	349	1	180	0	349	180	141	494	1	255	0	494	1	255	0	494	1	255
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	4	15	0	15	0	15	0	15	0	15	0	15
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	7	1	7	0	7	7	5	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	197	1	105	0	197	105	137	336	1	190	0	336	1	190	0	336	1	190
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	32	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		119	North-South:		119	North-South:			207	North-South:			217	North-South:			217
		East-West:		187	East-West:		187	East-West:			267	East-West:			267	East-West:			267
		SUM:		306	SUM:		306	SUM:			474	SUM:			484	SUM:			484
VOLUME/CAPACITY (V/C) RATIO:				0.204			0.204				0.316				0.323				0.323
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.134			0.134				0.216				0.223				0.223
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.007 | Δv/c after mitigation: 0.007

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
95	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	28	1	28	0	28	28	2	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	31	0	40	0	31	57	8	39	0	62	0	39	0	79	0	39	0	79
	Through-Right		1							1				1				1	
	Right	9	0	0	17	26	0	14	23	0	0	17	40	0	0	0	40	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	19	1	19	0	19	19	4	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	83	0	105	0	83	105	11	95	0	128	0	95	0	128	0	95	0	128
	Through-Right		1							1				1				1	
	Right	22	0	0	0	22	0	11	33	0	0	0	33	0	0	0	33	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	13	1	13	0	13	13	8	21	1	21	0	21	1	21	0	21	1	21
	Left-Through		0							0				0				0	
	Through	258	1	168	0	258	168	197	458	1	270	0	458	1	270	0	458	1	270
	Through-Right		1							1				1				1	
	Right	78	0	78	0	78	78	3	82	0	82	0	82	0	82	0	82	0	82
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	25	1	25	0	25	25	7	32	1	32	0	32	1	32	0	32	1	32
	Left-Through		0							0				0				0	
	Through	159	1	88	0	159	88	193	354	1	187	0	354	1	187	0	354	1	187
	Through-Right		1							1				1				1	
	Right	16	0	16	0	16	16	3	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		133	North-South:		133	North-South:			158	North-South:			158	North-South:			158
		East-West:		193	East-West:		193	East-West:			302	East-West:			302	East-West:			302
		SUM:		326	SUM:		326	SUM:			460	SUM:			460	SUM:			460
VOLUME/CAPACITY (V/C) RATIO:				0.217			0.217				0.307				0.307				0.307
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.147			0.147				0.207				0.207				0.207
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
96	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1007	5	168	1015	2022	337	416	1435	5	239	1015	2450	5	408	-179	2271	5	379
	Through-Right		1							1				1				1	
	Right	78	1	78	185	263	263	33	112	1	112	185	297	1	297	0	297	1	297
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	152	1	123	0	152	126	68	222	1	195	0	222	1	198	0	222	1	198
	Left-Through		1							1				1				1	
	Through	585	4	123	17	602	126	356	948	4	195	17	965	4	198	0	965	4	198
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		168	North-South:		337	North-South:			239	North-South:			408	North-South:			379
		East-West:		123	East-West:		126	East-West:			195	East-West:			198	East-West:			198
		SUM:		291	SUM:		463	SUM:			434	SUM:			606	SUM:			577
VOLUME/CAPACITY (V/C) RATIO:				0.194			0.309				0.289				0.404				0.385
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.126			0.239				0.189				0.304				0.285
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.115 | Δv/c after mitigation: 0.096

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	97	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	115	2	63	0	115	63	1	117	2	64	0	117	2	64	0	117	2	64
	Left-Through		0							0				0				0	
	Through	354	4	89	27	381	95	206	564	4	141	27	591	4	148	0	591	4	148
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	528	3	139	203	731	183	216	750	3	218	203	953	3	259	0	953	3	259
	Through-Right		1							1				1				1	
	Right	167	1	0	0	167	167	173	342	1	0	0	342	1	0	0	342	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		89	North-South:		95	North-South:		141		North-South:		148		North-South:		148	
		East-West:		139	East-West:		183	East-West:		218		East-West:		259		East-West:		259	
		SUM:		228	SUM:		278	SUM:		359		SUM:		407		SUM:		407	
VOLUME/CAPACITY (V/C) RATIO:				0.152			0.185			0.239				0.271				0.271	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.099			0.120			0.139				0.171				0.171	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.032 Δv/c after mitigation: 0.032

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	98	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	50	0	50	0	50	50	8	59	0	59	0	59	0	59	0	59	0	59
	Left-Through		1							1				1				1	
	Through	217	3	67	2	219	67	159	379	3	110	2	381	3	110	0	381	3	110
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	552	4	127	503	1055	227	192	751	4	173	503	1254	4	274	0	1254	4	274
	Through-Right		1							1				1				1	
	Right	81	0	81	0	81	81	32	114	0	114	0	114	0	114	0	114	0	114
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		67	North-South:		67	North-South:		110		North-South:		110		North-South:		110	
		East-West:		127	East-West:		227	East-West:		173		East-West:		274		East-West:		274	
		SUM:		194	SUM:		294	SUM:		283		SUM:		384		SUM:		384	
VOLUME/CAPACITY (V/C) RATIO:				0.129			0.196			0.189				0.256				0.256	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.084			0.127			0.094				0.156				0.156	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.062 Δv/c after mitigation: 0.062

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	99	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	70	1	41	210	280	168	104	175	1	93	210	385	1	221	0	385	1	221
	Through-Right		1							1				1				1	
	Right	11	0	11	45	56	56	0	11	0	11	45	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	1	29	10	39	39	19	48	1	48	10	58	1	58	0	58	1	58
	Left-Through		0							0				0				0	
	Through	93	3	31	6	99	33	187	281	3	94	6	287	3	96	0	287	3	96
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through		1							1				1				1	
	Through	422	2	122	435	857	230	188	615	2	182	435	1050	2	291	0	1050	2	291
	Through-Right		1							1				1				1	
	Right	27	0	122	0	27	230	50	77	0	182	0	77	0	291	0	77	0	291
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		70	North-South:		207	North-South:		141		North-South:		279		North-South:		279	
		East-West:		122	East-West:		230	East-West:		182		East-West:		291		East-West:		291	
		SUM:		192	SUM:		437	SUM:		323		SUM:		570		SUM:		570	
VOLUME/CAPACITY (V/C) RATIO:				0.128			0.291			0.215				0.380				0.380	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.083			0.221			0.115				0.280				0.280	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.165 Δv/c after mitigation: 0.165

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	100	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	83	0	83	0	83	83	26	110	0	110	0	110	0	110	0	110	0	110
	Left-Through		1							1				1				1	
	Through	246	4	62	0	246	62	399	648	2	253	0	648	2	253	0	648	2	253
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	379	3	122	302	681	197	171	555	3	170	302	857	3	245	0	857	3	245
	Through-Right		1							1				1				1	
	Right	108	0	108	0	108	108	15	124	0	124	0	124	0	124	0	124	0	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		83	North-South:		83	North-South:		253		North-South:		253		North-South:		253	
		East-West:		122	East-West:		197	East-West:		170		East-West:		245		East-West:		245	
		SUM:		205	SUM:		280	SUM:		423		SUM:		498		SUM:		498	
VOLUME/CAPACITY (V/C) RATIO:				0.137			0.187			0.282				0.332				0.332	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.089			0.121			0.182				0.232				0.232	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.050 Δv/c after mitigation: 0.050

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
101	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 1
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	279	4	70	174	453	113	351	633	4	158	174	807	4	202	0	807	4	202
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	29	1	29	0	29	29	19	48	1	48	0	48	1	48	0	48	1	48
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	137	0	137	302	439	439	65	204	0	204	302	506	0	506	0	506	0	506
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	268	3	89	0	268	89	132	403	3	134	0	403	3	134	0	403	3	134
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:	70	North-South:		113		North-South:		158		North-South:		202		North-South:		202	
	East-West:	137	East-West:		439		East-West:		204		East-West:		506		East-West:		506	
	SUM:	207	SUM:		552		SUM:		362		SUM:		708		SUM:		708	
VOLUME/CAPACITY (V/C) RATIO:		0.138			0.368				0.241				0.472				0.472	
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.090			0.298				0.141				0.372				0.372	
LEVEL OF SERVICE (LOS):		A			A				A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.231 Δv/c after mitigation: 0.231
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
102	East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 1
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	505	3	177	367	872	305	228	739	3	259	367	1106	3	387	0	1106	3	387
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	708	4	177	648	1356	339	273	990	4	248	648	1638	4	410	-179	1459	4	365
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	658	5	112	1020	1678	329	284	950	5	158	1020	1970	5	372	0	1970	5	378
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	129	1	0	497	626	0	7	138	1	138	497	635	1	0	42	677	1	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:	177	North-South:		339		North-South:		259		North-South:		410		North-South:		387	
	East-West:	112	East-West:		329		East-West:		158		East-West:		372		East-West:		378	
	SUM:	289	SUM:		668		SUM:		417		SUM:		782		SUM:		765	
VOLUME/CAPACITY (V/C) RATIO:		0.193			0.445				0.278				0.521				0.510	
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.125			0.375				0.178				0.421				0.410	
LEVEL OF SERVICE (LOS):		A			A				A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.243 Δv/c after mitigation: 0.232
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
103	East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 1
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	165	3	55	0	165	55	100	267	3	89	0	267	3	89	0	267	3	89
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	121	1	121	0	121	121	9	131	1	131	0	131	1	131	0	131	1	131
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	125	1	125	2	127	127	60	187	1	187	2	189	1	189	0	189	1	189
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	584	3	146	542	1126	229	334	925	3	190	542	1467	3	298	42	1509	3	306
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	19	0	19	0	19	19	4	23	0	23	0	23	0	23	0	23	0	23
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:	121	North-South:		121		North-South:		131		North-South:		131		North-South:		131	
	East-West:	146	East-West:		229		East-West:		190		East-West:		298		East-West:		306	
	SUM:	267	SUM:		350		SUM:		321		SUM:		429		SUM:		437	
VOLUME/CAPACITY (V/C) RATIO:		0.178			0.233				0.214				0.286				0.291	
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.116			0.163				0.114				0.186				0.191	
LEVEL OF SERVICE (LOS):		A			A				A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.072 Δv/c after mitigation: 0.077
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
104	East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 2 / EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 1
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	223	2	123	482	705	388	32	258	2	142	482	740	2	407	42	782	2	430
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	156	3	52	461	617	206	208	366	3	122	461	827	3	276	0	827	3	276
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	127	2	70	0	127	70	56	185	2	102	0	185	2	102	0	185	2	102
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	361	3	94	62	423	109	309	674	3	174	62	736	3	189	0	736	3	189
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	14	0	14	0	14	14	6	20	0	20	0	20	0	20	0	20	0	20
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:	193	North-South:		458		North-South:		244		North-South:		509		North-South:		532	
	East-West:	94	East-West:		109		East-West:		174		East-West:		189		East-West:		189	
	SUM:	287	SUM:		567		SUM:		418		SUM:		698		SUM:		721	
VOLUME/CAPACITY (V/C) RATIO:		0.201			0.398				0.293				0.490				0.506	
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.131			0.328				0.193				0.390				0.406	
LEVEL OF SERVICE (LOS):		A			A				A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.197 Δv/c after mitigation: 0.213
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	105	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	14	1	**14**	24	38	38	1	15	1	**15**	24	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	101	2	51	342	443	**222**	104	206	2	103	342	548	2	**274**	0	548	2	**274**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	116	2	**53**	1	117	59	194	311	2	156	1	312	2	156	0	312	2	156
	Through-Right		1							1				1				1	
	Right	43	0	43	38	81	81	142	186	0	**186**	38	224	0	224	0	224	0	224
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	1	0	0	0	0	12	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	255	3	**70**	0	255	85	172	430	3	**124**	0	430	3	143	0	430	3	143
	Through-Right		1							1				1				1	
	Right	23	0	23	188	211	**211**	42	65	0	65	188	253	0	**253**	0	253	0	**253**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		67	*North-South:*		222	*North-South:*			201	*North-South:*			274	*North-South:*			274
		East-West:		70	*East-West:*		211	*East-West:*			124	*East-West:*			253	*East-West:*			253
		SUM:		137	*SUM:*		433	*SUM:*			325	*SUM:*			527	*SUM:*			527
VOLUME/CAPACITY (*V/C*) RATIO:				0.091			0.289				0.217				0.351				0.351
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.059			0.219				0.117				0.251				0.251
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.134 — *Δv/c* after mitigation: 0.134

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	106	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	247	4	62	0	247	62	375	625	3	**208**	0	625	3	**208**	0	625	3	**208**
	Through-Right		1							1				1				1	
	Right	66	0	**66**	0	66	**66**	125	192	1	192	0	192	1	192	0	192	1	192
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	72	0	**72**	0	72	**72**	50	123	0	**123**	0	123	0	**123**	0	123	0	**123**
	Left-Through		1							1				1				1	
	Through	202	3	67	0	202	67	129	333	3	111	0	333	3	111	0	333	3	111
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		66	*North-South:*		66	*North-South:*			208	*North-South:*			208	*North-South:*			208
		East-West:		72	*East-West:*		72	*East-West:*			123	*East-West:*			123	*East-West:*			123
		SUM:		138	*SUM:*		138	*SUM:*			331	*SUM:*			331	*SUM:*			331
VOLUME/CAPACITY (*V/C*) RATIO:				0.092			0.092				0.221				0.221				0.221
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.060			0.060				0.121				0.121				0.121
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — *Δv/c* after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	107	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	100	1	**100**	0	100	100	52	153	1	153	0	153	1	153	0	153	1	153
	Left-Through		0							0				0				0	
	Through	296	4	74	476	772	**193**	364	664	4	**166**	476	1140	4	**285**	0	1140	4	**285**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	165	3	**47**	0	165	**47**	127	294	3	**83**	0	294	3	**83**	0	294	3	**83**
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	13	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		100	*North-South:*		193	*North-South:*			166	*North-South:*			285	*North-South:*			285
		East-West:		47	*East-West:*		47	*East-West:*			83	*East-West:*			83	*East-West:*			83
		SUM:		147	*SUM:*		240	*SUM:*			249	*SUM:*			368	*SUM:*			368
VOLUME/CAPACITY (*V/C*) RATIO:				0.098			0.160				0.166				0.245				0.245
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.064			0.104				0.083				0.145				0.145
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.062 — *Δv/c* after mitigation: 0.062

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	108	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	2nd	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	73	2	40	479	552	**304**	14	88	2	48	479	567	2	312	0	567	2	312
	Left-Through		0							0				0				0	
	Through	357	2	**139**	660	1017	359	195	556	2	**207**	660	1216	2	**427**	0	1216	2	**427**
	Through-Right		1							1				1				1	
	Right	60	0	60	0	60	60	5	66	0	66	0	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	21	2	**12**	0	21	12	3	24	2	**13**	0	24	2	**13**	0	24	2	**13**
	Left-Through		0							0				0				0	
	Through	192	1	110	0	192	**110**	0	194	1	111	0	194	1	111	0	194	1	111
	Through-Right		1							1				1				1	
	Right	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	29	1	29	0	29	**29**	0	29	1	29	0	29	1	**29**	0	29	1	**29**
	Left-Through		0							0				0				0	
	Through	131	2	66	0	131	66	16	149	2	75	0	149	2	75	0	149	2	75
	Through-Right		0							0				0				0	
	Right	125	1	**85**	0	125	0	3	130	1	**82**	0	130	1	0	0	130	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	30	1	**30**	0	30	30	0	30	1	**30**	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	115	2	58	84	199	**100**	17	133	2	67	84	217	2	**109**	0	217	2	**109**
	Through-Right		0							0				0				0	
	Right	13	1	7	0	13	7	0	13	1	7	0	13	1	7	0	13	1	7
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		151	*North-South:*		414	*North-South:*			220	*North-South:*			440	*North-South:*			440
		East-West:		115	*East-West:*		129	*East-West:*			112	*East-West:*			138	*East-West:*			138
		SUM:		266	*SUM:*		543	*SUM:*			332	*SUM:*			578	*SUM:*			578
VOLUME/CAPACITY (*V/C*) RATIO:				0.187			0.381				0.233				0.406				0.406
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.121			0.311				0.133				0.306				0.306
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.173 — *Δv/c* after mitigation: 0.173

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	109	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	21	1	21	0	21	21	2	23	1	23	0	23	1	23	0	23	1	23
	↰	Left-Through		0							0				0				0	
	↑	Through	89	1	63	0	89	63	22	112	1	90	0	112	1	90	0	112	1	90
	↑	Through-Right		1							1				1				1	
	↱	Right	36	0	36	0	36	36	31	67	0	67	0	67	0	67	0	67	0	67
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	24	1	24	0	24	24	0	24	1	24	0	24	1	24	0	24	1	24
	↰	Left-Through		0							0				0				0	
	↑	Through	151	2	76	0	151	76	35	188	2	94	0	188	2	94	0	188	2	94
	↑	Through-Right		0							0				0				0	
	↱	Right	55	1	48	0	55	48	4	60	1	52	0	60	1	52	0	60	1	52
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	15	1	15	0	15	15	2	17	1	17	0	17	1	17	0	17	1	17
	↰	Left-Through		0							0				0				0	
	→	Through	140	2	60	0	140	60	99	241	2	94	0	241	2	94	0	241	2	94
	→	Through-Right		1							1				1				1	
	↱	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	25	1	25	0	25	25	2	27	1	27	0	27	1	27	0	27	1	27
	↰	Left-Through		0							0				0				0	
	↑	Through	100	2	42	16	116	47	145	246	2	91	16	262	2	96	0	262	2	96
	↑	Through-Right		1							1				1				1	
	↱	Right	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		97	North-South:		97	North-South:			117	North-South:			117	North-South:			117
			East-West:		85	East-West:		85	East-West:			121	East-West:			121	East-West:			121
			SUM:		182	SUM:		182	SUM:			238	SUM:			238	SUM:			238
	VOLUME/CAPACITY (V/C) RATIO:				0.121			0.121				0.159				0.159				0.159
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.079			0.079				0.079				0.079				0.079
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	110	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	58	1	58	0	58	58	5	64	1	64	0	64	1	64	0	64	1	64
	↰	Left-Through		0							0				0				0	
	↑	Through	110	2	55	0	110	55	30	141	2	71	0	141	2	71	0	141	2	71
	↑	Through-Right		1							1				1				1	
	↱	Right	43	1	19	49	92	68	4	48	1	0	49	97	1	46	0	97	1	46
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	16	1	16	0	16	16	22	38	1	38	0	38	1	38	0	38	1	38
	↰	Left-Through		0							0				0				0	
	↑	Through	54	1	35	0	54	35	56	111	1	64	0	111	1	64	0	111	1	64
	↑	Through-Right		1							1				1				1	
	↱	Right	16	0	16	0	16	16	0	16	0	16	0	16	0	16	0	16	0	16
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	48	1	48	490	538	538	4	53	1	53	490	543	1	543	0	543	1	543
	↰	Left-Through		0							0				0				0	
	→	Through	145	2	73	136	281	141	112	259	2	130	136	395	2	198	0	395	2	198
	→	Through-Right		0							0				0				0	
	↱	Right	50	1	0	0	50	0	37	88	1	24	0	88	1	24	0	88	1	24
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	24	1	24	0	24	24	27	51	1	51	0	51	1	51	0	51	1	51
	↰	Left-Through		0							0				0				0	
	↑	Through	155	2	58	16	171	64	140	297	2	123	16	313	2	129	0	313	2	129
	↑	Through-Right		1							1				1				1	
	↱	Right	20	0	20	0	20	20	53	73	0	73	0	73	0	73	0	73	0	73
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		93	North-South:		93	North-South:			128	North-South:			128	North-South:			128
			East-West:		106	East-West:		602	East-West:			181	East-West:			672	East-West:			672
			SUM:		199	SUM:		695	SUM:			309	SUM:			800	SUM:			800
	VOLUME/CAPACITY (V/C) RATIO:				0.145			0.505				0.225				0.582				0.582
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.094			0.435				0.125				0.482				0.482
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.357 | Δv/c after mitigation: 0.357

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	111	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	9	1	9	0	9	9	22	31	1	31	0	31	1	31	0	31	1	31
	↰	Left-Through		0							0				0				0	
	↑	Through	93	2	47	0	93	47	54	148	2	74	0	148	2	74	0	148	2	74
	↑	Through-Right		0							0				0				0	
	↱	Right	1	1	0	0	1	0	126	127	1	111	0	127	1	118	0	127	1	118
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	12	1	12	0	12	12	41	53	1	53	0	53	1	53	0	53	1	53
	↰	Left-Through		0							0				0				0	
	↑	Through	211	1	121	0	211	121	73	287	1	170	0	287	1	170	0	287	1	170
	↑	Through-Right		1							1				1				1	
	↱	Right	31	0	31	0	31	31	21	52	0	52	0	52	0	52	0	52	0	52
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	41	1	41	185	226	226	0	41	1	41	185	226	1	226	0	226	1	226
	↰	Left-Through		0							0				0				0	
	→	Through	142	2	57	0	142	57	109	253	2	103	0	253	2	103	0	253	2	103
	→	Through-Right		1							1				1				1	
	↱	Right	28	0	28	0	28	28	29	57	0	57	0	57	0	57	0	57	0	57
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	21	2	12	0	21	7	8	29	2	16	0	29	2	9	0	29	2	9
	↰	Left-Through		0							0				0				0	
	↑	Through	163	2	81	16	179	90	178	343	2	171	16	359	2	180	0	359	2	180
	↑	Through-Right		1							1				1				1	
	↱	Right	80	0	80	493	573	567	90	171	0	171	493	664	0	638	0	664	0	638
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		130	North-South:		130	North-South:			201	North-South:			201	North-South:			201
			East-West:		122	East-West:		793	East-West:			212	East-West:			864	East-West:			864
			SUM:		252	SUM:		923	SUM:			413	SUM:			1065	SUM:			1065
	VOLUME/CAPACITY (V/C) RATIO:				0.177			0.648				0.290				0.747				0.747
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.115			0.578				0.190				0.647				0.647
	LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.457 | Δv/c after mitigation: 0.457

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	112	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	73	2	40	411	484	266	173	247	2	136	411	658	2	362	0	658	2	362
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↑	Through-Right		0							0				0				0	
	↱	Right	97	2	41	34	131	60	122	220	2	91	34	254	2	110	0	254	2	110
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↑	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	→	Through	140	2	51	0	140	51	139	281	2	130	0	281	2	130	0	281	2	130
	→	Through-Right		1							1				1				1	
	↱	Right	14	0	14	0	14	14	94	108	0	108	0	108	0	108	0	108	0	108
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	12	1	12	0	12	12	18	30	1	30	0	30	1	30	0	30	1	30
	↰	Left-Through		0							0				0				0	
	↑	Through	197	3	66	98	295	98	103	302	3	101	98	400	3	133	0	400	3	133
	↑	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		41	North-South:		266	North-South:			136	North-South:			362	North-South:			362
			East-West:		66	East-West:		98	East-West:			160	East-West:			160	East-West:			160
			SUM:		107	SUM:		364	SUM:			296	SUM:			522	SUM:			522
	VOLUME/CAPACITY (V/C) RATIO:				0.075			0.255				0.208				0.366				0.366
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.049			0.185				0.108				0.266				0.266
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.158 | Δv/c after mitigation: 0.158

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	113	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	11	1	11	98	109	109	0	11	1	11	98	109	1	109	0	109	1	109
	Left-Through		0							0				0				0	
	Through	99	1	55	438	537	274	112	212	1	116	438	650	1	335	0	650	1	335
	Through-Right		1							1				1				1	
	Right	10	0	10	0	10	10	10	20	0	20	0	20	0	20	0	20	0	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	33	1	33	0	33	33	0	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	123	2	48	0	123	48	111	235	2	86	0	235	2	86	0	235	2	86
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	1	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	58	1	58	31	89	89	21	80	1	80	31	111	1	111	0	111	1	111
	Left-Through		0							0				0				0	
	Through	200	2	71	3	203	72	226	428	2	152	3	431	2	153	0	431	2	153
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	14	27	0	27	0	27	0	27	0	27	0	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	12	1	12	0	12	12	47	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	179	2	64	0	179	64	120	301	2	105	0	301	2	105	0	301	2	105
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	0	13	0	13	0	13	0	13	0	13	0	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		88	North-South:		307	North-South:			149	North-South:			368	North-South:			368
		East-West:		122	East-West:		153	East-West:			211	East-West:			216	East-West:			216
		SUM:		210	SUM:		460	SUM:			360	SUM:			584	SUM:			584
	VOLUME/CAPACITY (V/C) RATIO:			0.147			0.323				0.253				0.410				0.410
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.096			0.253				0.153				0.310				0.310
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.157 | Δv/c after mitigation: 0.157

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	114	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	0	12	0	12	12	2	14	0	14	0	14	0	14	0	14	0	14
	Left-Through		1							1				1				1	
	Through	134	3	37	0	134	37	453	589	2	201	0	589	2	201	0	589	2	201
	Through-Right		0							0				0				0	
	Right	33	1	23	0	33	23	46	79	1	69	0	79	1	69	0	79	1	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	188	2	67	3	191	68	182	372	2	134	3	375	2	135	0	375	2	135
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	15	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	1	24	0	24	24	10	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	171	2	57	0	171	57	127	300	2	100	0	300	2	100	0	300	2	100
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		37	North-South:		37	North-South:			201	North-South:			201	North-South:			201
		East-West:		91	East-West:		92	East-West:			168	East-West:			169	East-West:			169
		SUM:		128	SUM:		129	SUM:			369	SUM:			370	SUM:			370
	VOLUME/CAPACITY (V/C) RATIO:			0.090			0.091				0.259				0.260				0.260
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.058			0.059				0.159				0.160				0.160
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	115	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	29	0	29	0	29	29	12	41	0	41	0	41	0	41	0	41	0	41
	Left-Through		1							1				1				1	
	Through	168	2	56	628	796	213	361	531	2	153	628	1159	2	310	0	1159	2	310
	Through-Right		1							1				1				1	
	Right	28	0	56	0	28	213	13	41	0	153	0	41	0	310	0	41	0	310
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	23	1	23	3	26	26	102	125	1	125	3	128	1	128	0	128	1	128
	Left-Through		0							0				0				0	
	Through	156	3	52	0	156	52	82	240	3	80	0	240	3	80	0	240	3	80
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	139	2	51	0	139	51	125	266	2	95	0	266	2	95	0	266	2	95
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	3	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		56	North-South:		213	North-South:			153	North-South:			310	North-South:			310
		East-West:		74	East-West:		77	East-West:			220	East-West:			223	East-West:			223
		SUM:		130	SUM:		290	SUM:			373	SUM:			533	SUM:			533
	VOLUME/CAPACITY (V/C) RATIO:			0.091			0.204				0.262				0.374				0.374
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.059			0.134				0.162				0.274				0.274
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.112 | Δv/c after mitigation: 0.112

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	116	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Temple/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	31	1	31	0	31	31	1	32	1	32	0	32	1	32	0	32	1	32
	Left-Through		0							0				0				0	
	Through	106	1	74	490	596	319	86	193	1	118	490	683	1	363	0	683	1	363
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	22	1	22	0	22	22	21	43	1	43	0	43	1	43	0	43	1	43
	Left-Through		0							0				0				0	
	Through	37	1	37	0	37	37	43	80	1	69	0	80	1	69	0	80	1	69
	Through-Right		1							1				1				1	
	Right	57	0	8	0	57	8	0	58	0	58	0	58	0	58	0	58	0	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	98	1	98	0	98	98	16	115	1	115	0	115	1	115	0	115	1	115
	Left-Through		0							0				0				0	
	Through	97	1	58	0	97	58	43	141	1	97	0	141	1	97	0	141	1	97
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	33	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	21	1	21	0	21	21	2	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	168	2	84	0	168	84	31	201	2	101	0	201	2	101	0	201	2	101
	Through-Right		0							0				0				0	
	Right	89	1	78	0	89	78	27	117	1	96	0	117	1	96	0	117	1	96
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		96	North-South:		341	North-South:			161	North-South:			406	North-South:			406
		East-West:		182	East-West:		182	East-West:			216	East-West:			216	East-West:			216
		SUM:		278	SUM:		523	SUM:			377	SUM:			622	SUM:			622
	VOLUME/CAPACITY (V/C) RATIO:			0.195			0.367				0.265				0.436				0.436
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.127			0.297				0.165				0.336				0.336
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.171 | Δv/c after mitigation: 0.171

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
117	Main	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Aliso	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2		2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1		2	
Override Capacity	0		0	

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	98	3	33	137	235	78	303	402	3	134	137	539	3	180	0	539	3	180
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	90	1	90	495	585	585	162	253	1	253	495	748	1	748	0	748	1	748
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	15	0	15	0	15	15	58	73	0	73	0	73	0	73	0	73	0	73
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	188	2	68	0	188	68	247	437	2	170	0	437	2	170	0	437	2	170
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		90	North-South:		585	North-South:			253	North-South:			748	North-South:			748
	East-West:		68	East-West:		68	East-West:			170	East-West:			170	East-West:			170
	SUM:		158	SUM:		653	SUM:			423	SUM:			918	SUM:			918
VOLUME/CAPACITY (V/C) RATIO:			0.105			0.435				0.282				0.612				0.612
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.068			0.365				0.182				0.512				0.512
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.330 — Δv/c after mitigation: 0.330

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
118	Los Angeles	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Aliso	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2		2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	2	0	2	0
ATSAC-1 or ATSAC+ATCS-2?	1		2	
Override Capacity	0		0	

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	143	2	72	0	143	72	5	150	2	75	0	150	2	75	0	150	2	75
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	48	1	48	0	48	48	45	94	1	94	0	94	1	94	0	94	1	94
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	52	2	18	0	52	18	22	75	2	25	0	75	2	25	0	75	2	25
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	22	0	22	0	22	22	51	73	0	73	0	73	0	73	0	73	0	73
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	253	2	71	495	748	194	317	573	2	174	495	1068	2	297	0	1068	2	297
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	7	0	71	0	7	194	41	48	0	174	0	48	0	297	0	48	0	297
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		73	North-South:		73	North-South:			95	North-South:			95	North-South:			95
	East-West:		71	East-West:		194	East-West:			174	East-West:			297	East-West:			297
	SUM:		144	SUM:		267	SUM:			269	SUM:			392	SUM:			392
VOLUME/CAPACITY (V/C) RATIO:			0.096			0.178				0.179				0.261				0.261
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.062			0.116				0.090				0.161				0.161
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.071 — Δv/c after mitigation: 0.071

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
119	Grand	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	I-110 On-Ramp/US-101 Ramps	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3		3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	3	0	3	0
ATSAC-1 or ATSAC+ATCS-2?	1		2	
Override Capacity	0		0	

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	293	1	293	673	966	966	134	431	1	431	673	1104	1	1104	0	1104	1	1104
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	120	2	60	7	127	64	52	173	2	87	7	180	2	90	0	180	2	90
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	147	2	74	0	147	74	99	248	2	124	0	248	2	124	0	248	2	124
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	193	1	193	0	193	193	114	309	1	309	0	309	1	309	0	309	1	309
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	81	0	81	0	81	81	10	92	0	92	0	92	0	92	0	92	0	92
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	97	1	0	0	97	0	69	167	1	0	0	167	1	0	0	167	1	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		1							1				1				1	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		486	North-South:		1159	North-South:			740	North-South:			1413	North-South:			1413
	East-West:		81	East-West:		81	East-West:			92	East-West:			92	East-West:			92
	SUM:		567	SUM:		1240	SUM:			832	SUM:			1505	SUM:			1505
VOLUME/CAPACITY (V/C) RATIO:			0.398			0.870				0.584				1.056				1.056
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.328			0.800				0.484				0.956				0.956
LEVEL OF SERVICE (LOS):			A			D				A				E				E

PROJECT IMPACT

Change in v/c due to project: 0.472 — Δv/c after mitigation: 0.472

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
120	Beaudry	2011	0.2	Eric Ji	12/8/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Sunset	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2		2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	1	0	1
ATSAC-1 or ATSAC+ATCS-2?	1		2	
Override Capacity	0		0	

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	90	0	90	0	90	90	0	91	0	91	0	91	0	91	0	91	0	91
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	63	0	231	0	63	231	19	83	0	257	0	83	0	257	0	83	0	257
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	78	0	0	0	78	0	4	83	0	0	0	83	0	0	0	83	0	0
NORTHBOUND Left-Through-Right		1							1				1				1	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	21	0	21	0	21	21	30	51	0	51	0	51	0	51	0	51	0	51
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	34	1	28	0	34	28	41	75	1	63	0	75	1	63	0	75	1	63
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	30	1	0	0	30	0	9	39	1	0	0	39	1	0	0	39	1	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	13	1	13	0	13	13	0	13	1	13	0	13	1	13	0	13	1	13
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	1204	2	461	0	1204	461	70	1289	2	490	0	1289	2	490	0	1289	2	490
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	179	0	179	0	179	179	0	181	0	181	0	181	0	181	0	181	0	181
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	46	1	46	0	46	46	11	58	1	58	0	58	1	58	0	58	1	58
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	331	2	119	40	371	132	69	404	2	143	40	444	2	156	0	444	2	156
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	25	0	25	0	25	25	0	25	0	25	0	25	0	25	0	25	0	25
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		252	North-South:		252	North-South:			308	North-South:			308	North-South:			308
	East-West:		507	East-West:		507	East-West:			548	East-West:			548	East-West:			548
	SUM:		759	SUM:		759	SUM:			856	SUM:			856	SUM:			856
VOLUME/CAPACITY (V/C) RATIO:			0.506			0.506				0.571				0.571				0.571
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.436			0.436				0.471				0.471				0.471
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
121	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	97	1	97	34	131	131	8	106	1	106	34	140	1	140	0	140	1	140
	Left-Through		0							0				0				0	
	Through	217	2	109	0	217	109	171	391	2	196	0	391	2	196	0	391	2	196
	Through-Right		0							0				0				0	
	Right	111	1	86	0	111	86	10	122	1	96	0	122	1	96	0	122	1	96
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	33	1	33	0	33	33	0	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	57	2	29	0	57	29	25	83	2	42	0	83	2	42	0	83	2	42
	Through-Right		0							0				0				0	
	Right	34	1	0	0	34	0	0	34	1	0	0	34	1	0	0	34	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	102	1	102	0	102	102	10	113	1	113	0	113	1	113	0	113	1	113
	Left-Through		0							0				0				0	
	Through	1013	2	404	0	1013	404	90	1115	2	440	0	1115	2	440	0	1115	2	440
	Through-Right		1							1				1				1	
	Right	199	0	199	0	199	199	3	204	0	204	0	204	0	204	0	204	0	204
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	326	2	120	7	333	122	72	402	2	164	7	409	2	166	0	409	2	166
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	56	89	0	89	0	89	0	89	0	89	0	89
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		142	North-South:		160	North-South:			229	North-South:			229	North-South:			229
		East-West:		455	East-West:		455	East-West:			492	East-West:			492	East-West:			492
		SUM:		597	SUM:		615	SUM:			721	SUM:			721	SUM:			721
VOLUME/CAPACITY (V/C) RATIO:				0.434			0.447				0.524				0.524				0.524
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.364			0.377				0.424				0.424				0.424
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
122	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0
	EB-- 0 WB--		1	EB-- 0 WB--		1	EB-- 0 WB--		1	EB-- 0 WB--		1	EB-- 0 WB--		1	EB-- 0 WB--		1
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	105	1	105	7	112	112	23	129	1	129	7	136	1	136	0	136	1	136
	Left-Through		0							0				0				0	
	Through	46	1	46	0	46	46	25	72	1	72	0	72	1	72	0	72	1	72
	Through-Right		0							0				0				0	
	Right	27	1	0	0	27	0	14	41	1	0	0	41	1	0	0	41	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	1	9	0	9	9	0	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	47	1	47	0	47	47	89	137	1	137	0	137	1	137	0	137	1	137
	Through-Right		0							0				0				0	
	Right	9	1	3	0	9	3	0	9	1	3	0	9	1	3	0	9	1	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	13	1	13	0	13	13	0	13	1	13	0	13	1	13	0	13	1	13
	Left-Through		0							0				0				0	
	Through	710	2	355	0	710	355	95	814	2	407	0	814	2	407	0	814	2	407
	Through-Right		0							0				0				0	
	Right	408	1	356	0	408	352	25	438	1	374	0	438	1	370	0	438	1	370
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	119	2	65	0	119	65	99	219	2	120	0	219	2	120	0	219	2	120
	Left-Through		0							0				0				0	
	Through	282	2	97	0	282	97	69	354	2	121	0	354	2	121	0	354	2	121
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		152	North-South:		159	North-South:			266	North-South:			273	North-South:			273
		East-West:		421	East-West:		420	East-West:			527	East-West:			527	East-West:			527
		SUM:		573	SUM:		579	SUM:			793	SUM:			800	SUM:			800
VOLUME/CAPACITY (V/C) RATIO:				0.402			0.406				0.556				0.561				0.561
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.332			0.336				0.456				0.461				0.461
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.005 Δv/c after mitigation: 0.005

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
123	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 1 WB--		0	EB-- 1 WB--		0	EB-- 1 WB--		0	EB-- 1 WB--		0	EB-- 1 WB--		0	EB-- 1 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Left-Through		0							0				0				0	
	Through	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Through-Right		0							0				0				0	
	Right	8	1	0	0	8	0	0	8	1	0	0	8	1	0	0	8	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	5	0	5	0	5	5	0	5	0	5	0	5	0	5	0	5	0	5
	Left-Through		0							0				0				0	
	Through	15	0	34	0	15	34	226	241	0	301	0	241	0	301	0	241	0	301
	Through-Right		0							0				0				0	
	Right	14	0	0	0	14	0	41	55	0	0	0	55	0	0	0	55	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Left-Through		0							0				0				0	
	Through	974	2	487	0	974	487	69	1055	2	528	0	1055	2	528	0	1055	2	528
	Through-Right		0							0				0				0	
	Right	108	1	0	0	108	0	12	121	1	0	0	121	1	0	0	121	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	49	2	27	0	49	27	31	81	2	45	0	81	2	45	0	81	2	45
	Left-Through		0							0				0				0	
	Through	310	2	107	0	310	107	82	396	2	136	0	396	2	136	0	396	2	136
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		35	North-South:		35	North-South:			302	North-South:			302	North-South:			302
		East-West:		514	East-West:		514	East-West:			573	East-West:			573	East-West:			573
		SUM:		549	SUM:		549	SUM:			875	SUM:			875	SUM:			875
VOLUME/CAPACITY (V/C) RATIO:				0.385			0.385				0.614				0.614				0.614
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.315			0.315				0.514				0.514				0.514
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
124	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	57	1	46	0	57	57	11	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		1							1				1				1	
	Through	81	1	46	137	218	96	319	401	1	166	137	538	1	212	0	538	1	212
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	27	97	0	97	0	97	0	97	0	97	0	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	604	2	302	0	604	302	69	680	2	340	0	680	2	340	0	680	2	340
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	289	1	152	0	289	152	102	394	1	234	0	394	1	234	0	394	1	234
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	60	74	0	74	0	74	0	74	0	74	0	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		69	North-South:		96	North-South:			166	North-South:			212	North-South:			212
		East-West:		302	East-West:		302	East-West:			340	East-West:			340	East-West:			340
		SUM:		371	SUM:		398	SUM:			506	SUM:			552	SUM:			552
VOLUME/CAPACITY (V/C) RATIO:				0.247			0.265				0.337				0.368				0.368
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.177			0.195				0.237				0.268				0.268
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.031 Δv/c after mitigation: 0.031

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	125	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	3	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	209	2	90	0	209	90	133	345	2	136	0	345	2	136	0	345	2	136
	Through-Right		1							1				1				1	
	Right	61	0	61	0	61	61	0	62	0	62	0	62	0	62	0	62	0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	58	1	58	0	58	58	1	60	1	60	0	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	429	2	159	0	429	159	152	586	2	212	0	586	2	212	0	586	2	212
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	42	1	42	0	42	42	0	43	1	43	0	43	1	43	0	43	1	43
	Left-Through		0							0				0				0	
	Through	395	2	198	0	395	198	96	496	2	248	0	496	2	248	0	496	2	248
	Through-Right		0							0				0				0	
	Right	237	1	175	0	237	175	0	240	1	177	0	240	1	177	0	240	1	177
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	82	1	82	0	82	82	0	83	1	83	0	83	1	83	0	83	1	83
	Left-Through		0							0				0				0	
	Through	188	2	71	0	188	71	111	301	2	109	0	301	2	109	0	301	2	109
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		221	North-South:		221	North-South:			275	North-South:			275	North-South:			275
		East-West:		280	East-West:		280	East-West:			331	East-West:			331	East-West:			331
		SUM:		501	SUM:		501	SUM:			606	SUM:			606	SUM:			606
VOLUME/CAPACITY (V/C) RATIO:				0.364			0.364				0.441				0.441				0.441
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.294			0.294				0.341				0.341				0.341
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	126	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	2	1	2	0	2	2	75	77	1	77	0	77	1	77	0	77	1	77
	Left-Through		0							0				0				0	
	Through	94	1	53	69	163	88	215	310	1	161	69	379	1	196	0	379	1	196
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	28	1	28	0	28	28	0	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	85	1	52	0	85	52	0	86	1	61	0	86	1	61	0	86	1	61
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	17	35	0	35	0	35	0	35	0	35	0	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	13	1	13	0	13	13	17	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	90	1	46	0	90	46	72	163	1	82	0	163	1	82	0	163	1	82
	Through-Right		1							1				1				1	
	Right	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	89	1	61	0	89	61	32	122	1	77	0	122	1	77	0	122	1	77
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		81	North-South:		116	North-South:			189	North-South:			224	North-South:			224
		East-West:		74	East-West:		74	East-West:			107	East-West:			107	East-West:			107
		SUM:		155	SUM:		190	SUM:			296	SUM:			331	SUM:			331
VOLUME/CAPACITY (V/C) RATIO:				0.109			0.133				0.208				0.232				0.232
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.071			0.087				0.108				0.132				0.132
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.024 Δv/c after mitigation: 0.024

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	127	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	3	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	1	17	0	17	17	41	58	1	58	0	58	1	58	0	58	1	58
	Left-Through		0							0				0				0	
	Through	6	2	3	68	74	37	60	66	2	33	68	134	2	67	0	134	2	67
	Through-Right		0							0				0				0	
	Right	9	1	1	0	9	1	21	30	1	0	0	30	1	0	0	30	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	5	1	5	0	5	5	13	18	1	18	0	18	1	18	0	18	1	18
	Left-Through		0							0				0				0	
	Through	9	2	5	0	9	5	41	50	2	25	0	50	2	25	0	50	2	25
	Through-Right		0							0				0				0	
	Right	12	1	10	0	12	10	0	12	1	10	0	12	1	10	0	12	1	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	5	1	5	0	5	5	0	5	1	5	0	5	1	5	0	5	1	5
	Left-Through		0							0				0				0	
	Through	93	1	93	0	93	93	30	124	1	124	0	124	1	124	0	124	1	124
	Through-Right		0							0				0				0	
	Right	6	1	0	0	6	0	28	34	1	5	0	34	1	5	0	34	1	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	8	1	8	0	8	8	49	57	1	57	0	57	1	57	0	57	1	57
	Left-Through		0							0				0				0	
	Through	83	1	83	0	83	83	191	275	1	275	0	275	1	275	0	275	1	275
	Through-Right		0							0				0				0	
	Right	7	1	5	0	7	5	30	37	1	28	0	37	1	28	0	37	1	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		27	North-South:		42	North-South:			83	North-South:			85	North-South:			85
		East-West:		101	East-West:		101	East-West:			280	East-West:			280	East-West:			280
		SUM:		128	SUM:		143	SUM:			363	SUM:			365	SUM:			365
VOLUME/CAPACITY (V/C) RATIO:				0.090			0.100				0.255				0.256				0.256
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.058			0.065				0.155				0.156				0.156
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 Δv/c after mitigation: 0.001

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	128	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	11	1	11	0	11	11	0	11	1	11	0	11	1	11	0	11	1	11
	Left-Through		0							0				0				0	
	Through	178	1	93	468	646	327	119	299	1	154	468	767	1	388	0	767	1	388
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	1	36	0	36	36	81	117	1	117	0	117	1	117	0	117	1	117
	Left-Through		0							0				0				0	
	Through	204	1	111	0	204	111	94	300	1	159	0	300	1	159	0	300	1	159
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through		1							1				1				1	
	Through	47	1	36	0	47	36	0	48	1	36	0	48	1	36	0	48	1	36
	Through-Right		1							1				1				1	
	Right	13	0	36	0	13	36	0	13	0	36	0	13	0	36	0	13	0	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
	Left-Through		1							1				1				1	
	Through	51	0	58	0	51	58	0	52	0	59	0	52	0	59	0	52	0	59
	Through-Right		1							1				1				1	
	Right	62	0	44	0	62	44	110	173	0	115	0	173	0	115	0	173	0	115
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		129	North-South:		363	North-South:			271	North-South:			505	North-South:			505
		East-West:		69	East-West:		69	East-West:			126	East-West:			126	East-West:			126
		SUM:		198	SUM:		432	SUM:			397	SUM:			631	SUM:			631
VOLUME/CAPACITY (V/C) RATIO:				0.132			0.288				0.265				0.421				0.421
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.086			0.218				0.165				0.321				0.321
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.156 Δv/c after mitigation: 0.156

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
129	East-West Street:	College	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	8	1	8	0	8	8	0	8	1	8	0	8	1	8	0	8	1	8
	Left-Through		0							0				0				0	
	Through	229	1	121	468	697	355	229	461	1	237	468	929	1	471	0	929	1	471
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	62	1	62	0	62	62	56	119	1	119	0	119	1	119	0	119	1	119
	Left-Through		0							0				0				0	
	Through	246	1	140	0	246	140	176	425	1	229	0	425	1	229	0	425	1	229
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	Left-Through		1							1				1				1	
	Through	66	0	49	0	66	49	0	67	0	49	0	67	0	49	0	67	0	49
	Through-Right		1							1				1				1	
	Right	5	0	49	0	5	49	0	5	0	49	0	5	0	49	0	5	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
	Left-Through		1							1				1				1	
	Through	74	0	55	0	74	55	0	75	0	79	0	75	0	79	0	75	0	79
	Through-Right		1							1				1				1	
	Right	31	0	55	0	31	55	80	111	0	52	0	111	0	52	0	111	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	183		North-South:	417		North-South:		356		North-South:		590		North-South:		590
			East-West:	81		East-West:	81		East-West:		105		East-West:		105		East-West:		105
			SUM:	264		SUM:	498		SUM:		461		SUM:		695		SUM:		695
	VOLUME/CAPACITY (V/C) RATIO:			0.176			0.332				0.307				0.463				0.463
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.114			0.262				0.207				0.363				0.363
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.156 | Δv/c after mitigation: 0.156

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Sunset	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
130	East-West Street:	Elysian Park	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	355	2	178	40	395	198	77	436	2	218	40	476	2	238	0	476	2	238
	Through-Right		1							1				1				1	
	Right	76	1	0	0	76	0	0	77	1	0	0	77	1	0	0	77	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	59	1	59	0	59	59	0	60	1	60	0	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	469	2	235	0	469	235	70	545	2	273	0	545	2	273	0	545	2	273
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	1039	2	571	0	1039	571	0	1052	2	579	0	1052	2	579	0	1052	2	579
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	526	2	230	0	526	230	0	532	2	233	0	532	2	233	0	532	2	233
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	237		North-South:	257		North-South:		278		North-South:		298		North-South:		298
			East-West:	571		East-West:	571		East-West:		579		East-West:		579		East-West:		579
			SUM:	808		SUM:	828		SUM:		857		SUM:		877		SUM:		877
	VOLUME/CAPACITY (V/C) RATIO:			0.567			0.581				0.601				0.615				0.615
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.497			0.511				0.501				0.515				0.515
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.014 | Δv/c after mitigation: 0.014

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
131	East-West Street:	Bellevue	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	397	2	199	247	644	322	59	461	2	231	247	708	2	354	0	708	2	354
	Through-Right		0							0				0				0	
	Right	150	1	82	356	506	438	47	199	1	127	356	555	1	483	0	555	1	483
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	85	1	85	0	85	85	0	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	450	2	225	0	450	225	62	517	2	259	0	517	2	259	0	517	2	259
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	249	2	137	0	249	137	11	263	2	145	0	263	2	145	0	263	2	145
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	147	1	105	0	147	105	0	149	1	106	0	149	1	106	0	149	1	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	284		North-South:	523		North-South:		317		North-South:		569		North-South:		569
			East-West:	137		East-West:	137		East-West:		145		East-West:		145		East-West:		145
			SUM:	421		SUM:	660		SUM:		462		SUM:		714		SUM:		714
	VOLUME/CAPACITY (V/C) RATIO:			0.295			0.463				0.324				0.501				0.501
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.225			0.393				0.224				0.401				0.401
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.177 | Δv/c after mitigation: 0.177

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
132	East-West Street:	Temple	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	43	1	43	0	43	43	2	46	1	46	0	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	339	1	176	603	942	477	87	430	1	221	603	1033	1	523	0	1033	1	523
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	52	1	52	0	52	52	2	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	248	1	173	0	248	173	84	335	1	223	0	335	1	223	0	335	1	223
	Through-Right		1							1				1				1	
	Right	97	0	97	0	97	97	12	110	0	110	0	110	0	110	0	110	0	110
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	207	1	207	0	207	207	1	210	1	210	0	210	1	210	0	210	1	210
	Left-Through		0							0				0				0	
	Through	139	1	88	0	139	88	29	170	1	110	0	170	1	110	0	170	1	110
	Through-Right		1							1				1				1	
	Right	36	0	36	0	36	36	14	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	16	1	16	0	16	16	0	16	1	16	0	16	1	16	0	16	1	16
	Left-Through		0							0				0				0	
	Through	173	1	124	0	173	124	27	202	1	148	0	202	1	148	0	202	1	148
	Through-Right		1							1				1				1	
	Right	75	0	75	0	75	75	17	93	0	93	0	93	0	93	0	93	0	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	228		North-South:	529		North-South:		276		North-South:		578		North-South:		578
			East-West:	331		East-West:	331		East-West:		358		East-West:		358		East-West:		358
			SUM:	559		SUM:	860		SUM:		634		SUM:		936		SUM:		936
	VOLUME/CAPACITY (V/C) RATIO:			0.392			0.604				0.445				0.657				0.657
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.322			0.534				0.345				0.557				0.557
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.212 | Δv/c after mitigation: 0.212

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
133	East-West Street:	US 101 NB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	237	1	237	0	237	237	3	243	1	243	0	243	1	243	0	243	1	243
	Left-Through		0							0				0				0	
	Through	890	3	297	22	912	304	151	1052	3	351	22	1074	3	358	0	1074	3	358
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	493	2	237	0	493	237	90	589	2	295	0	589	2	295	0	589	2	295
	Through-Right		1							1				1				1	
	Right	218	0	218	0	218	218	95	316	0	316	0	316	0	316	0	316	0	316
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	166	1	146	0	166	146	32	200	1	171	0	200	1	171	0	200	1	171
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	125	0	146	0	125	146	14	141	0	171	0	141	0	171	0	141	0	171
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
CRITICAL VOLUMES		North-South:		474	North-South:		474	North-South:			559	North-South:			559	North-South:			559
		East-West:		146	East-West:		146	East-West:			171	East-West:			171	East-West:			171
		SUM:		620	SUM:		620	SUM:			730	SUM:			730	SUM:			730
VOLUME/CAPACITY (V/C) RATIO:				0.435			0.435				0.512				0.512				0.512
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.365			0.365				0.412				0.412				0.412
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
134	East-West Street:	US 101 SB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	814	2	346	22	836	353	101	925	2	398	22	947	2	405	0	947	2	405
	Through-Right		1							1				1				1	
	Right	224	0	224	0	224	224	41	268	0	268	0	268	0	268	0	268	0	268
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	138	0	138	0	138	138	29	169	0	169	0	169	0	169	0	169	0	169
	Left-Through		1							1				1				1	
	Through	527	2	264	0	527	264	111	644	2	322	0	644	2	322	0	644	2	322
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	310	1	310	0	310	310	75	389	1	389	0	389	1	389	0	389	1	389
	Left-Through		0							0				0				0	
	Through	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Through-Right		0							0				0				0	
	Right	136	1	136	0	136	136	3	141	1	141	0	141	1	141	0	141	1	141
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		484	North-South:		491	North-South:			567	North-South:			574	North-South:			574
		East-West:		310	East-West:		310	East-West:			389	East-West:			389	East-West:			389
		SUM:		794	SUM:		801	SUM:			956	SUM:			963	SUM:			963
VOLUME/CAPACITY (V/C) RATIO:				0.529			0.534				0.637				0.642				0.642
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.459			0.464				0.537				0.542				0.542
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.005 | Δv/c after mitigation: 0.005

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
135	East-West Street:	Beverly	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	31	0	31	0	31	31	0	31	0	31	0	31	0	31	0	31	0	31
	Left-Through		1							1				1				1	
	Through	734	1	280	22	756	287	134	877	1	350	22	899	1	357	0	899	1	357
	Through-Right		1							1				1				1	
	Right	44	0	280	0	44	287	3	48	0	350	0	48	0	357	0	48	0	357
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through		1							1				1				1	
	Through	462	1	289	0	462	289	103	571	1	344	0	571	1	344	0	571	1	344
	Through-Right		0							0				0				0	
	Right	99	1	69	0	99	69	0	100	1	69	0	100	1	69	0	100	1	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	61	1	61	0	61	61	0	62	1	62	0	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	154	2	57	0	154	57	98	254	2	90	0	254	2	90	0	254	2	90
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	59	1	59	0	59	59	0	60	1	60	0	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	282	2	109	0	282	109	144	429	2	158	0	429	2	158	0	429	2	158
	Through-Right		1							1				1				1	
	Right	45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		320	North-South:		320	North-South:			379	North-South:			386	North-South:			386
		East-West:		170	East-West:		170	East-West:			220	East-West:			220	East-West:			220
		SUM:		490	SUM:		490	SUM:			599	SUM:			606	SUM:			606
VOLUME/CAPACITY (V/C) RATIO:				0.327			0.327				0.399				0.404				0.404
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.257			0.257				0.299				0.304				0.304
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.005 | Δv/c after mitigation: 0.005

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
136	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	79	1	79	0	79	79	5	85	1	85	0	85	1	85	0	85	1	85
	Left-Through		0							0				0				0	
	Through	406	2	158	83	489	185	116	527	2	200	83	610	2	227	0	610	2	227
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	4	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	110	1	110	0	110	110	0	111	1	111	0	111	1	111	0	111	1	111
	Left-Through		0							0				0				0	
	Through	501	2	207	0	501	207	66	573	2	233	0	573	2	233	0	573	2	233
	Through-Right		1							1				1				1	
	Right	119	0	119	0	119	119	5	125	0	125	0	125	0	125	0	125	0	125
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	134	1	134	0	134	134	6	142	1	142	0	142	1	142	0	142	1	142
	Left-Through		0							0				0				0	
	Through	931	1	514	0	931	514	132	1074	1	588	0	1074	1	588	0	1074	1	588
	Through-Right		1							1				1				1	
	Right	96	0	96	0	96	96	4	101	0	101	0	101	0	101	0	101	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	69	1	69	0	69	69	5	75	1	75	0	75	1	75	0	75	1	75
	Left-Through		0							0				0				0	
	Through	753	2	377	0	753	377	142	904	2	452	0	904	2	452	0	904	2	452
	Through-Right		1							1				1				1	
	Right	117	1	62	0	117	62	0	118	1	63	0	118	1	63	0	118	1	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		286	North-South:		295	North-South:			318	North-South:			338	North-South:			338
		East-West:		583	East-West:		583	East-West:			663	East-West:			663	East-West:			663
		SUM:		869	SUM:		878	SUM:			981	SUM:			1001	SUM:			1001
VOLUME/CAPACITY (V/C) RATIO:				0.579			0.585				0.654				0.667				0.667
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.509			0.515				0.554				0.567				0.567
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.013 | Δv/c after mitigation: 0.013

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	137	North-South Street:	Alvardo	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			3			3			3			3					3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	NB--	0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2					2
Override Capacity			0			0			0			0			0			0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through		1							1				1				1	
	Through	582	1	**237**	22	604	**244**	131	720	1	**288**	22	742	1	**295**	0	742	1	**295**
	Through-Right		1							1				1				1	
	Right	46	0	237	0	46	244	14	61	0	288	0	61	0	295	0	61	0	295
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	35	0	**35**	0	35	**35**	0	35	0	**35**	0	35	0	**35**	0	35	0	**35**
	Left-Through		1							1				1				1	
	Through	378	1	194	0	378	194	97	480	1	231	0	480	1	231	0	480	1	231
	Through-Right		1							1				1				1	
	Right	63	0	194	0	63	194	9	73	0	231	0	73	0	231	0	73	0	231
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	84	1	**84**	0	84	**84**	3	88	1	**88**	0	88	1	**88**	0	88	1	**88**
	Left-Through		0							0				0				0	
	Through	258	1	144	0	258	144	123	384	1	207	0	384	1	207	0	384	1	207
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	53	1	53	0	53	53	11	65	1	65	0	65	1	65	0	65	1	65
	Left-Through		0							0				0				0	
	Through	241	1	**154**	0	241	**154**	131	375	1	**222**	0	375	1	**222**	0	375	1	**222**
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		272	North-South:		279	North-South:			323	North-South:			330	North-South:			330
		East-West:		238	East-West:		238	East-West:			310	East-West:			310	East-West:			310
		SUM:		510	SUM:		517	SUM:			633	SUM:			640	SUM:			640
VOLUME/CAPACITY (V/C) RATIO:				0.340			0.345				0.444				0.449				0.449
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.270			0.275				0.344				0.349				0.349
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.005 | Δv/c after mitigation: 0.005

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	138	North-South Street:	Wilshire	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Western	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4					4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	NB--	0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2					2
Override Capacity			0			0			0			0			0			0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	62	0	62	0	62	62	10	73	0	73	0	73	0	73	0	73	0	73
	Left-Through		1							1				1				1	
	Through	747	1	**366**	74	821	**391**	47	803	1	**403**	74	877	1	**428**	0	877	1	**428**
	Through-Right		1							1				1				1	
	Right	103	0	366	0	103	391	11	115	0	403	0	115	0	428	0	115	0	428
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	93	1	**93**	0	93	**93**	0	94	1	**94**	0	94	1	**94**	0	94	1	**94**
	Left-Through		0							0				0				0	
	Through	662	1	360	0	662	360	72	742	1	400	0	742	1	400	0	742	1	400
	Through-Right		1							1				1				1	
	Right	57	0	57	0	57	57	0	58	0	58	0	58	0	58	0	58	0	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	118	1	118	0	118	118	0	119	1	119	0	119	1	119	0	119	1	119
	Left-Through		0							0				0				0	
	Through	640	2	**245**	0	640	**245**	47	695	2	**264**	0	695	2	**264**	0	695	2	**264**
	Through-Right		1							1				1				1	
	Right	94	0	94	0	94	94	2	97	0	97	0	97	0	97	0	97	0	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	126	1	**126**	5	131	**131**	17	145	1	**145**	5	150	1	**150**	0	150	1	**150**
	Left-Through		0							0				0				0	
	Through	568	2	222	80	648	252	59	634	2	245	80	714	2	274	0	714	2	274
	Through-Right		1							1				1				1	
	Right	99	0	99	9	108	108	0	100	0	100	9	109	0	109	0	109	0	109
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		459	North-South:		484	North-South:			497	North-South:			522	North-South:			522
		East-West:		371	East-West:		376	East-West:			409	East-West:			414	East-West:			414
		SUM:		830	SUM:		860	SUM:			906	SUM:			936	SUM:			936
VOLUME/CAPACITY (V/C) RATIO:				0.604			0.625				0.659				0.681				0.681
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.534			0.555				0.559				0.581				0.581
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.022 | Δv/c after mitigation: 0.022

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	139	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3					3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--	0	NB-- 3	SB--	0	NB--	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	NB--	0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2					2
Override Capacity			0			0			0			0			0			0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	83	0	83	0	83	83	0	84	0	84	0	84	0	84	0	84	0	84
	Left-Through		1							1				1				1	
	Through	758	0	**545**	18	776	**554**	16	783	0	**560**	18	801	0	**569**	0	801	0	**569**
	Through-Right		1							1				1				1	
	Right	44	1	5	0	44	4	6	51	1	6	0	51	1	5	0	51	1	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	50	0	**50**	0	50	**50**	7	58	0	**58**	0	58	0	**58**	0	58	0	**58**
	Left-Through		1							1				1				1	
	Through	812	1	506	0	812	506	11	833	1	533	0	833	1	533	0	833	1	533
	Through-Right		0							0				0				0	
	Right	58	1	41	0	58	41	0	59	1	42	0	59	1	42	0	59	1	42
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	35	1	35	0	35	**35**	0	35	1	35	0	35	1	**35**	0	35	1	**35**
	Left-Through		0							0				0				0	
	Through	339	2	**138**	0	339	138	47	390	2	**195**	0	390	2	195	0	390	2	195
	Through-Right		1							0				0				0	
	Right	74	0	74	0	74	74	0	75	1	75	0	75	1	75	0	75	1	75
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	39	1	**39**	1	40	40	6	45	1	**45**	1	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	300	2	120	94	394	**152**	58	362	2	181	94	456	2	**228**	0	456	2	**228**
	Through-Right		1							0				0				0	
	Right	60	0	60	2	62	62	5	66	1	66	2	68	1	68	0	68	1	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		595	North-South:		604	North-South:			618	North-South:			627	North-South:			627
		East-West:		177	East-West:		187	East-West:			240	East-West:			263	East-West:			263
		SUM:		772	SUM:		791	SUM:			858	SUM:			890	SUM:			890
VOLUME/CAPACITY (V/C) RATIO:				0.542			0.555				0.602				0.625				0.625
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.472			0.485				0.502				0.525				0.525
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.023 | Δv/c after mitigation: 0.023

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	140	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4					4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	3	NB-- 0	SB--	3	NB--	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	NB--	0	SB--	3
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2					2
Override Capacity			0			0			0			0			0			0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	101	1	**101**	0	101	**101**	52	154	1	**154**	0	154	1	**154**	0	154	1	**154**
	Left-Through		0							0				0				0	
	Through	515	2	200	74	589	225	110	631	2	239	74	705	2	264	0	705	2	264
	Through-Right		1							1				1				1	
	Right	85	0	85	0	85	85	0	86	0	86	0	86	0	86	0	86	0	86
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	154	1	154	0	154	154	2	158	1	158	0	158	1	158	0	158	1	158
	Left-Through		0							0				0				0	
	Through	600	2	**300**	0	600	**300**	57	664	2	**332**	0	664	2	**332**	0	664	2	**332**
	Through-Right		0							0				0				0	
	Right	114	1	9	0	114	9	16	131	1	13	0	131	1	13	0	131	1	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	105	1	105	0	105	**105**	12	118	1	**118**	0	118	1	**118**	0	118	1	**118**
	Left-Through		0							0				0				0	
	Through	931	2	**339**	0	931	339	64	1006	2	380	0	1006	2	380	0	1006	2	380
	Through-Right		1							1				1				1	
	Right	85	0	85	0	85	85	47	133	0	133	0	133	0	133	0	133	0	133
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	60	1	**60**	5	65	65	0	61	1	61	5	66	1	66	0	66	1	66
	Left-Through		0							0				0				0	
	Through	771	2	294	97	868	**330**	82	862	2	**326**	97	959	2	**361**	0	959	2	**361**
	Through-Right		1							1				1				1	
	Right	112	0	112	9	121	121	2	115	0	115	9	124	0	124	0	124	0	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		401	North-South:		401	North-South:			486	North-South:			486	North-South:			486
		East-West:		399	East-West:		435	East-West:			444	East-West:			479	East-West:			479
		SUM:		800	SUM:		836	SUM:			930	SUM:			965	SUM:			965
VOLUME/CAPACITY (V/C) RATIO:				0.582			0.608				0.676				0.702				0.702
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.512			0.538				0.576				0.602				0.602
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.026 | Δv/c after mitigation: 0.026

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
141	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	15	0	15	29	44	44	0	15	0	15	29	44	0	44	0	44	0	44
	Left-Through		1							1				1				1	
	Through	506	1	191	22	528	218	107	619	1	233	22	641	1	259	0	641	1	259
	Through-Right		1							1				1				1	
	Right	37	0	191	0	37	218	12	49	0	233	0	49	0	259	0	49	0	259
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	25	0	25	0	25	25	0	25	0	25	0	25	0	25	0	25	0	25
	Left-Through		1							1				1				1	
	Through	379	1	160	0	379	160	84	468	1	215	0	468	1	215	0	468	1	215
	Through-Right		1							1				1				1	
	Right	52	0	160	0	52	160	24	77	0	215	0	77	0	215	0	77	0	215
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	106	1	106	0	106	106	37	144	1	144	0	144	1	144	0	144	1	144
	Left-Through		0							0				0				0	
	Through	354	1	197	0	354	197	52	410	1	225	0	410	1	225	0	410	1	225
	Through-Right		1							1				1				1	
	Right	39	0	39	0	39	39	0	39	0	39	0	39	0	39	0	39	0	39
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	37	1	37	25	62	62	14	51	1	51	25	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	301	1	175	88	389	219	61	366	1	209	88	454	1	253	0	454	1	253
	Through-Right		1							1				1				1	
	Right	48	0	48	0	48	48	2	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	216		North-South:	243		North-South:		258		North-South:		284		North-South:		284
			East-West:	281		East-West:	325		East-West:		353		East-West:		397		East-West:		397
			SUM:	497		SUM:	568		SUM:		611		SUM:		681		SUM:		681
	VOLUME/CAPACITY (V/C) RATIO:			0.331			0.379				0.407				0.454				0.454
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.261			0.309				0.307				0.354				0.354
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.047 Δv/c after mitigation: 0.047

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
142	East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	67	1	67	0	67	67	5	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	840	1	437	74	914	474	144	994	1	514	74	1068	1	551	0	1068	1	551
	Through-Right		1							1				1				1	
	Right	34	0	34	0	34	34	0	34	0	34	0	34	0	34	0	34	0	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	33	1	33	0	33	33	7	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	900	1	497	5	905	499	135	1046	1	576	5	1051	1	579	0	1051	1	579
	Through-Right		1							1				1				1	
	Right	93	0	93	0	93	93	12	106	0	106	0	106	0	106	0	106	0	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	79	0	79	0	79	79	7	87	0	87	0	87	0	87	0	87	0	87
	Left-Through		1							1				1				1	
	Through	267	0	229	0	267	229	82	352	0	322	0	352	0	322	0	352	0	322
	Through-Right		1							1				1				1	
	Right	112	0	229	0	112	229	5	118	0	322	0	118	0	322	0	118	0	322
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through		1							1				1				1	
	Through	249	0	170	0	249	170	97	349	0	224	0	349	0	224	0	349	0	224
	Through-Right		1							1				1				1	
	Right	47	0	170	0	47	170	7	55	0	224	0	55	0	224	0	55	0	224
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	564		North-South:	566		North-South:		649		North-South:		652		North-South:		652
			East-West:	251		East-West:	251		East-West:		344		East-West:		344		East-West:		344
			SUM:	815		SUM:	817		SUM:		993		SUM:		996		SUM:		996
	VOLUME/CAPACITY (V/C) RATIO:			0.543			0.545				0.662				0.664				0.664
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.443			0.445				0.562				0.564				0.564
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.002 Δv/c after mitigation: 0.002

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
143	East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through		1							1				1				1	
	Through	425	1	159	48	473	175	77	507	1	186	48	555	1	202	0	555	1	202
	Through-Right		1							1				1				1	
	Right	28	0	159	0	28	175	0	28	0	186	0	28	0	202	0	28	0	202
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through		1							1				1				1	
	Through	378	1	159	25	403	167	82	465	1	188	25	490	1	196	0	490	1	196
	Through-Right		1							1				1				1	
	Right	52	0	159	0	52	167	0	53	0	188	0	53	0	196	0	53	0	196
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	46	1	46	0	46	46	0	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	150	1	150	0	150	150	120	272	1	272	0	272	1	272	0	272	1	272
	Through-Right		0							0				0				0	
	Right	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	37	1	37	131	168	168	0	37	1	37	131	168	1	168	0	168	1	168
	Left-Through		0							0				0				0	
	Through	241	1	138	0	241	140	111	355	1	196	0	355	1	198	0	355	1	198
	Through-Right		1							1				1				1	
	Right	35	0	35	4	39	39	1	36	0	36	4	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	182		North-South:	198		North-South:		209		North-South:		225		North-South:		225
			East-West:	187		East-West:	318		East-West:		309		East-West:		440		East-West:		440
			SUM:	369		SUM:	516		SUM:		518		SUM:		665		SUM:		665
	VOLUME/CAPACITY (V/C) RATIO:			0.246			0.344				0.345				0.443				0.443
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.146			0.244				0.245				0.343				0.343
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.098 Δv/c after mitigation: 0.098

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
144	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	108	1	108	0	108	108	0	109	1	109	0	109	1	109	0	109	1	109
	Left-Through		0							0				0				0	
	Through	868	2	434	42	910	455	58	936	2	468	42	978	2	489	0	978	2	489
	Through-Right		0							0				0				0	
	Right	61	1	0	0	61	0	2	64	1	0	0	64	1	0	0	64	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	96	1	96	0	96	96	2	99	1	99	0	99	1	99	0	99	1	99
	Left-Through		0							0				0				0	
	Through	743	2	372	5	748	374	89	841	2	421	5	846	2	423	0	846	2	423
	Through-Right		0							0				0				0	
	Right	5	1	0	0	5	0	0	5	1	0	0	5	1	0	0	5	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	75	1	75	0	75	75	0	76	1	76	0	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	556	2	208	0	556	208	158	721	2	263	0	721	2	263	0	721	2	263
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	69	1	69	16	85	85	10	80	1	80	16	96	1	96	0	96	1	96
	Left-Through		0							0				0				0	
	Through	530	2	217	267	797	317	229	765	2	299	267	1032	2	399	0	1032	2	399
	Through-Right		1							1				1				1	
	Right	122	0	122	31	153	153	10	133	0	133	31	164	0	164	0	164	0	164
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	530		North-South:	551		North-South:		567		North-South:		588		North-South:		588
			East-West:	292		East-West:	392		East-West:		375		East-West:		475		East-West:		475
			SUM:	822		SUM:	943		SUM:		942		SUM:		1063		SUM:		1063
	VOLUME/CAPACITY (V/C) RATIO:			0.598			0.686				0.685				0.773				0.773
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.498			0.586				0.585				0.673				0.673
	LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.088 Δv/c after mitigation: 0.088

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	145	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	39	1	39	0	39	39	8	47	1	47	0	47	1	47	0	47	1	47
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	434	1	242	11	445	247	13	452	1	252	11	463	1	258	0	463	1	258
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	49	0	49	0	49	49	2	52	0	52	0	52	0	52	0	52	0	52
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	67	1	67	0	67	67	1	69	1	69	0	69	1	69	0	69	1	69
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	438	2	219	1	439	220	21	464	2	232	1	465	2	233	0	465	2	233
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	52	1	21	0	52	21	7	60	1	19	0	60	1	19	0	60	1	19
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	62	1	62	0	62	62	20	83	1	83	0	83	1	83	0	83	1	83
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	714	2	248	0	714	248	195	918	2	331	0	918	2	331	0	918	2	331
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	31	0	31	0	31	31	45	76	0	76	0	76	0	76	0	76	0	76
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	44	1	44	4	48	48	3	48	1	48	4	52	1	52	0	52	1	52
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	628	2	228	314	942	336	214	850	2	303	314	1164	2	411	0	1164	2	411
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	57	0	57	8	65	65	2	60	0	60	8	68	0	68	0	68	0	68
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		309	North-South:		314	North-South:			321	North-South:			327	North-South:			327
	East-West:		292	East-West:		398	East-West:			386	East-West:			494	East-West:			543
	SUM:		601	SUM:		712	SUM:			707	SUM:			821	SUM:			821
VOLUME/CAPACITY (V/C) RATIO:			0.401			0.475				0.471				0.547				0.547
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.301			0.375				0.371				0.447				0.447
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.076 | Δv/c after mitigation: 0.076
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	146	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	3	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	57	1	57	0	57	57	5	63	1	63	0	63	1	63	0	63	1	63
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	662	2	331	42	704	352	129	799	2	400	42	841	2	421	0	841	2	421
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	61	1	0	0	61	0	1	63	1	0	0	63	1	0	0	63	1	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	85	1	85	0	85	85	8	94	1	94	0	94	1	94	0	94	1	94
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	771	1	468	5	776	471	129	909	1	539	5	914	1	542	0	914	1	542
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	165	0	165	0	165	165	2	169	0	169	0	169	0	169	0	169	0	169
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	148	1	148	0	148	148	11	161	1	161	0	161	1	161	0	161	1	161
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	581	2	219	0	581	219	181	769	2	287	0	769	2	287	0	769	2	287
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	76	0	76	0	76	76	14	91	0	91	0	91	0	91	0	91	0	91
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	77	1	77	41	118	118	1	79	1	79	41	120	1	120	0	120	1	120
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	491	2	187	326	817	306	213	710	2	263	326	1036	2	382	0	1036	2	382
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	71	0	71	31	102	102	8	80	0	80	31	111	0	111	0	111	0	111
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		525	North-South:		528	North-South:			602	North-South:			605	North-South:			605
	East-West:		335	East-West:		454	East-West:			424	East-West:			543	East-West:			543
	SUM:		860	SUM:		982	SUM:			1026	SUM:			1148	SUM:			1148
VOLUME/CAPACITY (V/C) RATIO:			0.625			0.714				0.746				0.835				0.835
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.525			0.614				0.646				0.735				0.735
LEVEL OF SERVICE (LOS):			A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.089 | Δv/c after mitigation: 0.089
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	147	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	3	0	0

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	36	1	36	79	115	115	0	36	1	36	79	115	1	115	0	115	1	115
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	274	1	156	38	312	210	73	350	1	206	38	388	1	260	0	388	1	260
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	38	0	38	70	108	108	24	62	0	62	70	132	0	132	0	132	0	132
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	63	1	63	0	63	63	5	69	1	69	0	69	1	69	0	69	1	69
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	292	2	146	9	301	151	75	371	2	186	9	380	2	190	0	380	2	190
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	85	1	0	146	231	134	0	86	1	0	146	232	1	134	0	232	1	134
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	97	1	97	0	97	97	0	98	1	98	0	98	1	98	0	98	1	98
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	472	2	168	0	472	168	190	668	2	233	0	668	2	233	0	668	2	233
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	31	0	31	0	31	31	0	31	0	31	0	31	0	31	0	31	0	31
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	55	1	55	102	157	157	24	80	1	80	102	182	1	182	0	182	1	182
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	467	2	179	193	660	246	222	695	2	257	193	888	2	324	111	999	2	361
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	69	0	69	10	79	79	5	75	0	75	10	85	0	85	0	85	0	85
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		219	North-South:		273	North-South:			275	North-South:			329	North-South:			329
	East-West:		276	East-West:		343	East-West:			355	East-West:			422	East-West:			459
	SUM:		495	SUM:		616	SUM:			630	SUM:			751	SUM:			788
VOLUME/CAPACITY (V/C) RATIO:			0.360			0.448				0.458				0.546				0.573
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.260			0.348				0.358				0.446				0.473
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.088 | Δv/c after mitigation: 0.115
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	148	North-South Street:	Union	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	56
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	153	0	168	24	177	192	1	156	0	171	24	180	0	195	0	180	0	195
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	15	0	0	0	15	0	0	15	0	0	0	15	0	0	0	15	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	44	1	44	0	44	44	0	45	1	45	0	45	1	45	0	45	1	45
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	215	1	215	0	215	215	1	219	1	219	0	219	1	219	0	219	1	219
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	97	1	72	0	97	72	0	98	1	73	0	98	1	73	0	98	1	73
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	50	1	50	0	50	50	0	51	1	51	0	51	1	51	0	51	1	51
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	485	2	175	70	555	198	218	709	2	249	70	779	2	273	0	779	2	273
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	39	0	39	0	39	39	0	39	0	39	0	39	0	39	0	39	0	39
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	31	1	31	0	31	31	0	31	1	31	0	31	1	31	88	119	1	119
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	383	2	132	305	688	234	250	638	2	221	305	943	2	323	111	1054	2	360
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	14	0	14	0	14	14	11	25	0	25	0	25	0	25	0	25	0	25
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		270	North-South:		270	North-South:			275	North-South:			275	North-South:			275
	East-West:		206	East-West:		284	East-West:			280	East-West:			374	East-West:			411
	SUM:		476	SUM:		554	SUM:			555	SUM:			649	SUM:			686
VOLUME/CAPACITY (V/C) RATIO:			0.317			0.369				0.370				0.433				0.457
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.217			0.269				0.270				0.333				0.357
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.063 | Δv/c after mitigation: 0.087
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
149	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	32	1	32	0	32	32	0	32	1	32	0	32	1	32	0	32	1	32
	Left-Through		0							0				0				0	
	Through	728	1	389	33	761	405	58	795	1	423	33	828	1	439	0	828	1	439
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	1	31	0	31	31	0	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	805	1	433	20	825	443	89	904	1	488	20	924	1	498	0	924	1	498
	Through-Right		1							1				1				1	
	Right	60	0	60	0	60	60	10	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	77	1	77	0	77	77	2	80	1	80	0	80	1	80	0	80	1	80
	Left-Through		0							0				0				0	
	Through	218	1	136	0	218	136	63	284	1	169	0	284	1	169	0	284	1	169
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	0	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	71	1	71	5	76	76	0	72	1	72	5	77	1	77	0	77	1	77
	Left-Through		0							0				0				0	
	Through	206	1	130	82	288	176	72	280	1	168	82	362	1	214	0	362	1	214
	Through-Right		1							1				1				1	
	Right	54	0	54	10	64	64	0	55	0	55	10	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		465	North-South:		475	North-South:			520	North-South:			530	North-South:			530
		East-West:		207	East-West:		253	East-West:			248	East-West:			294	East-West:			294
		SUM:		672	SUM:		728	SUM:			768	SUM:			824	SUM:			824
VOLUME/CAPACITY (V/C) RATIO:				0.448			0.485				0.512				0.549				0.549
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.348			0.385				0.412				0.449				0.449
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.037 Δv/c after mitigation: 0.037
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
150	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through		1							1				1				1	
	Through	442	0	291	8	450	295	22	469	0	305	8	477	0	309	0	477	0	309
	Through-Right		1							1				1				1	
	Right	76	0	291	0	76	295	0	77	0	305	0	77	0	309	0	77	0	309
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	10	0	10	0	10	10	8	18	0	18	0	18	0	18	0	18	0	18
	Left-Through		1							1				1				1	
	Through	431	0	235	5	436	238	61	497	0	276	5	502	0	279	0	502	0	279
	Through-Right		1							1				1				1	
	Right	19	0	235	0	19	238	0	19	0	276	0	19	0	279	0	19	0	279
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	232	1	141	0	232	141	63	298	1	175	0	298	1	175	0	298	1	175
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	77	1	77	1	78	78	0	78	1	78	1	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	278	1	157	97	375	206	71	352	1	194	97	449	1	244	0	449	1	244
	Through-Right		1							1				1				1	
	Right	35	0	35	2	37	37	1	36	0	36	2	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		301	North-South:		305	North-South:			323	North-South:			327	North-South:			327
		East-West:		218	East-West:		226	East-West:			253	East-West:			264	East-West:			264
		SUM:		519	SUM:		531	SUM:			576	SUM:			591	SUM:			591
VOLUME/CAPACITY (V/C) RATIO:				0.346			0.354				0.384				0.394				0.394
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.246			0.254				0.284				0.294				0.294
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.010 Δv/c after mitigation: 0.010
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
151	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	660	1	355	33	693	372	134	802	1	427	33	835	1	443	0	835	1	443
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	828	1	433	45	873	456	142	980	1	510	45	1025	1	532	0	1025	1	532
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	1	39	0	39	0	39	0	39	0	39	0	39
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	60	1	60	0	60	60	1	62	1	62	0	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	245	1	158	0	245	158	69	317	1	194	0	317	1	194	0	317	1	194
	Through-Right		1							1				1				1	
	Right	70	0	70	0	70	70	0	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	46	1	46	116	162	162	0	47	1	47	116	163	1	163	0	163	1	163
	Left-Through		0							0				0				0	
	Through	206	1	141	100	306	196	71	279	1	178	100	379	1	233	0	379	1	233
	Through-Right		1							1				1				1	
	Right	75	0	75	10	85	85	0	76	0	76	10	86	0	86	0	86	0	86
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		488	North-South:		511	North-South:			566	North-South:			588	North-South:			588
		East-West:		204	East-West:		320	East-West:			241	East-West:			357	East-West:			357
		SUM:		692	SUM:		831	SUM:			807	SUM:			945	SUM:			945
VOLUME/CAPACITY (V/C) RATIO:				0.461			0.554				0.538				0.630				0.630
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.361			0.454				0.438				0.530				0.530
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.092 Δv/c after mitigation: 0.092
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
152	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	12	0	12	47	59	59	0	12	0	12	47	59	0	59	27	86	0	86
	Left-Through		1							1				1				1	
	Through	216	0	129	0	216	176	92	311	0	183	0	311	0	230	0	311	0	257
	Through-Right		1							1				1				1	
	Right	18	0	129	0	18	176	13	31	0	183	0	31	0	230	0	31	0	257
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	58	1	58	0	58	58	1	60	1	60	0	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	246	1	163	66	312	219	94	343	1	214	66	409	1	269	0	409	1	269
	Through-Right		1							1				1				1	
	Right	80	0	80	45	125	125	3	84	0	84	45	129	0	129	0	129	0	129
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	64	1	64	70	134	134	4	69	1	69	70	139	1	139	0	139	1	139
	Left-Through		0							0				0				0	
	Through	182	1	101	-70	112	66	66	250	1	135	-70	180	1	100	0	180	1	100
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	29	1	29	257	286	286	1	30	1	30	257	287	1	287	0	287	1	287
	Left-Through		0							0				0				0	
	Through	321	1	197	140	461	342	68	393	1	234	140	533	1	379	-77	456	1	340
	Through-Right		1							1				1				1	
	Right	72	0	72	150	222	222	1	74	0	74	150	224	0	224	0	224	0	224
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		187	North-South:		278	North-South:			243	North-South:			328	North-South:			355
		East-West:		261	East-West:		476	East-West:			303	East-West:			518	East-West:			479
		SUM:		448	SUM:		754	SUM:			546	SUM:			846	SUM:			834
VOLUME/CAPACITY (V/C) RATIO:				0.314			0.529				0.383				0.594				0.585
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.214			0.429				0.283				0.494				0.485
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.211 Δv/c after mitigation: 0.202
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	153	North-South Street:	Pico	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Union	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	16	1	**16**	0	16	**16**	0	16	1	**16**	0	16	1	**16**	0	16	1	**16**
	Left-Through		0							0				0				0	
	Through	119	0	141	0	119	141	0	120	0	142	0	120	0	142	0	120	0	142
	Through-Right		1							1				1				1	
	Right	22	0	0	0	22	0	0	22	0	0	0	22	0	0	0	22	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	35	1	35	0	35	35	1	36	1	36	0	36	1	36	0	36	1	36
	Left-Through		0							0				0				0	
	Through	160	1	**160**	24	184	**184**	0	162	1	**162**	24	186	1	**186**	0	186	1	**186**
	Through-Right		0							0				0				0	
	Right	53	1	35	0	53	35	0	54	1	36	0	54	1	36	88	142	1	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	36	1	**36**	0	36	**36**	0	36	1	**36**	0	36	1	**36**	0	36	1	**36**
	Left-Through		0							0				0				0	
	Through	169	1	98	-70	99	63	78	249	1	138	-70	179	1	103	0	179	1	103
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	0	27	0	27	0	27	0	27	0	27	0	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	27	1	27	0	27	27	8	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	356	1	**221**	547	903	**512**	69	429	1	**259**	547	976	1	**549**	-165	811	1	**467**
	Through-Right		1							1				1				1	
	Right	86	0	86	34	120	120	1	88	0	88	34	122	0	122	0	122	0	122
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		176	North-South:		200	North-South:			178	North-South:			202	North-South:			202
		East-West:		257	East-West:		548	East-West:			295	East-West:			585	East-West:			503
		SUM:		433	SUM:		748	SUM:			473	SUM:			787	SUM:			705
VOLUME/CAPACITY (V/C) RATIO:				0.289			0.499				0.315				0.525				0.470
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.189			0.399				0.215				0.425				0.370
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.210 Δv/c after mitigation: 0.155

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	154	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Alvarado	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	1	SB-- 0	NB--	1	SB-- 0	NB--	1	SB-- 0	NB--	1	SB-- 0	NB--	1	SB-- 0	NB--	1	SB-- 0	NB--	1	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	436	2	218	7	443	222	41	482	2	241	7	489	2	245	0	489	2	245
	Through-Right		1							1				1				1	
	Right	206	1	0	0	206	0	105	313	1	0	0	313	1	0	0	313	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	486	2	**243**	21	507	**254**	71	563	2	**282**	21	584	2	**292**	0	584	2	**292**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	304	1	**155**	308	612	**309**	96	404	1	**205**	308	712	1	**359**	0	712	1	**359**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	6	0	155	0	6	309	0	6	0	205	0	6	0	359	0	6	0	359
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
CRITICAL VOLUMES		North-South:		243	North-South:		254	North-South:			282	North-South:			292	North-South:			292
		East-West:		155	East-West:		309	East-West:			205	East-West:			359	East-West:			359
		SUM:		398	SUM:		563	SUM:			487	SUM:			651	SUM:			651
VOLUME/CAPACITY (V/C) RATIO:				0.265			0.375				0.325				0.434				0.434
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.165			0.275				0.225				0.334				0.334
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.109 Δv/c after mitigation: 0.109

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	155	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	53	1	**53**	0	53	**53**	0	54	1	**54**	0	54	1	**54**	0	54	1	**54**
	Left-Through		0							0				0				0	
	Through	705	1	366	16	721	374	58	772	1	400	16	788	1	408	0	788	1	408
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	0	27	0	27	0	27	0	27	0	27	0	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	708	2	**354**	25	733	**367**	89	806	2	**403**	25	831	2	**416**	0	831	2	**416**
	Through-Right		0							0				0				0	
	Right	50	1	23	0	50	23	0	51	1	24	0	51	1	24	0	51	1	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	54	1	54	0	54	**54**	0	55	1	55	0	55	1	**55**	0	55	1	**55**
	Left-Through		0							0				0				0	
	Through	232	1	**141**	0	232	141	30	265	1	**158**	0	265	1	158	0	265	1	158
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	73	1	**73**	8	81	81	0	74	1	**74**	8	82	1	82	0	82	1	82
	Left-Through		0							0				0				0	
	Through	193	1	111	238	431	**238**	30	225	1	127	238	463	1	**254**	0	463	1	**254**
	Through-Right		1							1				1				1	
	Right	28	0	28	17	45	45	0	28	0	28	17	45	0	45	0	45	0	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		407	North-South:		420	North-South:			457	North-South:			470	North-South:			470
		East-West:		214	East-West:		292	East-West:			232	East-West:			309	East-West:			309
		SUM:		621	SUM:		712	SUM:			689	SUM:			779	SUM:			779
VOLUME/CAPACITY (V/C) RATIO:				0.414			0.475				0.459				0.519				0.519
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.314			0.375				0.359				0.419				0.419
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.060 Δv/c after mitigation: 0.060

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	156	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	58	1	**58**	0	58	**58**	0	59	1	**59**	0	59	1	**59**	0	59	1	**59**
	Left-Through		0							0				0				0	
	Through	531	1	275	4	535	277	22	559	1	289	4	563	1	291	0	563	1	291
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	19	1	19	0	19	19	0	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	574	1	**303**	6	580	**306**	61	642	1	**337**	6	648	1	**340**	0	648	1	**340**
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	1	37	0	37	**37**	0	37	1	37	0	37	1	**37**	0	37	1	**37**
	Left-Through		0							0				0				0	
	Through	197	1	**133**	0	197	133	30	229	1	**150**	0	229	1	150	0	229	1	150
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	0	70	0	70	0	70	0	70	0	70	0	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	26	1	**26**	2	28	28	0	26	1	**26**	2	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	171	1	99	263	434	**233**	30	203	1	115	263	466	1	**249**	0	466	1	**249**
	Through-Right		1							1				1				1	
	Right	27	0	27	4	31	31	0	27	0	27	4	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		361	North-South:		364	North-South:			396	North-South:			399	North-South:			399
		East-West:		159	East-West:		270	East-West:			176	East-West:			286	East-West:			286
		SUM:		520	SUM:		634	SUM:			572	SUM:			685	SUM:			685
VOLUME/CAPACITY (V/C) RATIO:				0.347			0.423				0.381				0.457				0.457
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.247			0.323				0.281				0.357				0.357
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.076 Δv/c after mitigation: 0.076

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	157	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	32	1	32	0	32	32	0	32	1	32	0	32	1	32	0	32	1	32
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	675	1	366	16	691	374	134	817	1	437	16	833	1	445	0	833	1	445
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	56	0	56	0	56	56	0	57	0	57	0	57	0	57	0	57	0	57
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	831	1	**434**	147	978	**515**	143	984	1	**511**	147	1131	1	**591**	0	1131	1	**591**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	37	0	37	14	51	51	0	37	0	37	14	51	0	51	0	51	0	51
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	42	1	**42**	0	42	**42**	0	43	1	**43**	0	43	1	**43**	0	43	1	**43**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	160	1	100	0	160	100	30	192	1	116	0	192	1	116	0	192	1	116
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	40	0	40	0	40	40	0	40	0	40	0	40	0	40	0	40	0	40
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	51	1	51	8	59	59	0	52	1	52	8	60	1	60	0	60	1	60
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	197	1	**122**	256	453	**258**	30	229	1	**138**	256	485	1	**275**	0	485	1	**275**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	46	0	46	17	63	63	0	47	0	47	17	64	0	64	0	64	0	64
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		466	North-South:		547	North-South:			543	North-South:			623	North-South:			623
	East-West:		164	East-West:		300	East-West:			181	East-West:			318	East-West:			318
	SUM:		630	SUM:		847	SUM:			724	SUM:			941	SUM:			941
VOLUME/CAPACITY (V/C) RATIO:			0.420			0.565				0.483				0.627				0.627
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.320			0.465				0.383				0.527				0.527
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.144 Δv/c after mitigation: 0.144

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	158	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	32	1	32	0	32	32	0	32	1	32	0	32	1	32	0	32	1	32
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	536	2	188	3	539	189	146	688	2	240	3	691	2	241	0	691	2	241
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	28	0	28	0	28	28	3	31	0	31	0	31	0	31	0	31	0	31
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	30	1	30	0	30	30	0	30	1	30	0	30	1	30	0	30	1	30
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	696	2	**348**	246	942	**471**	167	871	2	**436**	246	1117	2	**559**	0	1117	2	**559**
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	64	1	32	83	147	115	0	65	1	33	83	148	1	116	0	148	1	116
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	64	1	**64**	0	64	**64**	0	65	1	**65**	0	65	1	**65**	0	65	1	**65**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	98	1	75	0	98	75	30	129	1	91	0	129	1	91	0	129	1	91
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	47	1	47	77	124	124	8	56	1	56	77	133	1	133	0	133	1	133
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	117	1	**84**	198	315	**185**	30	148	1	**100**	198	346	1	**201**	0	346	1	**201**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	50	0	50	4	54	54	0	51	0	51	4	55	0	55	0	55	0	55
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		380	North-South:		503	North-South:			468	North-South:			591	North-South:			591
	East-West:		148	East-West:		249	East-West:			165	East-West:			266	East-West:			266
	SUM:		528	SUM:		752	SUM:			633	SUM:			857	SUM:			857
VOLUME/CAPACITY (V/C) RATIO:			0.371			0.528				0.444				0.601				0.601
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.271			0.428				0.344				0.501				0.501
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.157 Δv/c after mitigation: 0.157

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	159	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	66	1	**66**	0	66	**66**	0	67	1	**67**	0	67	1	**67**	0	67	1	**67**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	809	1	443	0	809	443	58	877	1	477	0	877	1	477	0	877	1	477
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	76	0	76	0	76	76	0	77	0	77	0	77	0	77	0	77	0	77
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	903	1	**468**	34	937	**485**	89	1003	1	**518**	34	1037	1	**535**	0	1037	1	**535**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	49	1	49	0	49	**49**	0	50	1	50	0	50	1	**50**	0	50	1	**50**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	196	2	**85**	0	196	85	61	259	2	**106**	0	259	2	106	0	259	2	106
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	58	0	58	0	58	58	0	59	0	59	0	59	0	59	0	59	0	59
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	54	1	**54**	8	62	62	0	55	1	**55**	8	63	1	63	0	63	1	63
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	185	2	76	207	392	**150**	104	291	2	111	207	498	2	**186**	0	498	2	**186**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	42	0	42	16	58	58	0	43	0	43	16	59	0	59	0	59	0	59
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		534	North-South:		551	North-South:			585	North-South:			602	North-South:			602
	East-West:		139	East-West:		199	East-West:			161	East-West:			236	East-West:			236
	SUM:		673	SUM:		750	SUM:			746	SUM:			838	SUM:			838
VOLUME/CAPACITY (V/C) RATIO:			0.489			0.545				0.543				0.609				0.609
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.389			0.445				0.443				0.509				0.509
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.066 Δv/c after mitigation: 0.066

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	160	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	77	1	**77**	0	77	**77**	0	78	1	**78**	0	78	1	**78**	0	78	1	**78**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	572	1	312	0	572	312	22	601	1	327	0	601	1	327	0	601	1	327
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	14	1	14	0	14	14	0	14	1	14	0	14	1	14	0	14	1	14
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	608	1	**321**	8	616	**325**	61	676	1	**355**	8	684	1	**359**	0	684	1	**359**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	34	0	34	0	34	34	0	34	0	34	0	34	0	34	0	34	0	34
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	29	1	29	0	29	**29**	0	29	1	29	0	29	1	**29**	0	29	1	**29**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	170	2	**78**	0	170	78	61	233	2	**99**	0	233	2	99	0	233	2	99
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	64	0	64	0	64	64	0	65	0	65	0	65	0	65	0	65	0	65
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	53	1	**53**	2	55	55	0	54	1	**54**	2	56	1	56	0	56	1	56
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	153	2	59	231	384	**137**	104	259	2	94	231	490	2	**172**	0	490	2	**172**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	23	0	23	4	27	27	0	23	0	23	4	27	0	27	0	27	0	27
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		398	North-South:		402	North-South:			433	North-South:			437	North-South:			437
	East-West:		131	East-West:		166	East-West:			153	East-West:			201	East-West:			201
	SUM:		529	SUM:		568	SUM:			586	SUM:			638	SUM:			638
VOLUME/CAPACITY (V/C) RATIO:			0.385			0.413				0.426				0.464				0.464
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.285			0.313				0.326				0.364				0.364
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.038 Δv/c after mitigation: 0.038

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	161	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 3 SB-- 0, EB-- 0 WB-- 2 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

	MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	1	**55**	0	55	**55**	0	56	1	**56**	0	56	1	**56**	0	56	1	**56**
	Left-Through		0							0				0				0	
	Through	686	2	343	0	686	343	134	828	2	414	0	828	2	414	0	828	2	414
	Through-Right		0							0				0				0	
	Right	84	1	13	0	84	5	0	85	1	13	0	85	1	5	0	85	1	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	1	31	0	31	31	0	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	896	2	**448**	156	1052	**526**	143	1050	2	**525**	156	1206	2	**603**	0	1206	2	**603**
	Through-Right		0							0				0				0	
	Right	54	1	31	0	54	31	0	55	1	32	0	55	1	32	0	55	1	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	46	1	46	0	46	**46**	0	47	1	47	0	47	1	**47**	0	47	1	**47**
	Left-Through		0							0				0				0	
	Through	164	2	**82**	0	164	82	61	227	2	**114**	0	227	2	114	0	227	2	114
	Through-Right		0							0				0				0	
	Right	52	1	25	0	52	25	0	53	1	25	0	53	1	25	0	53	1	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	71	1	**71**	8	79	79	0	72	1	**72**	8	80	1	80	0	80	1	80
	Left-Through		0							0				0				0	
	Through	166	2	68	237	403	**153**	104	272	2	104	237	509	2	**188**	0	509	2	**188**
	Through-Right		1							1				1				1	
	Right	39	0	39	16	55	55	0	39	0	39	16	55	0	55	0	55	0	55
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	503		North-South:	581		North-South:	581			North-South:	659			North-South:	659	
			East-West:	153		East-West:	199		East-West:	186			East-West:	235			East-West:	235	
			SUM:	656		SUM:	780		SUM:	767			SUM:	894			SUM:	894	
	VOLUME/CAPACITY (V/C) RATIO:			0.477			0.567			0.558				0.650				0.650	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.377			0.467			0.458				0.550				0.550	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.092 | Δv/c after mitigation: 0.092 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	162	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

	MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	37	1	37	0	37	**37**	0	37	1	37	0	37	1	**37**	0	37	1	**37**
	Left-Through		0							0				0				0	
	Through	572	2	**286**	0	572	286	141	720	2	**360**	0	720	2	360	0	720	2	360
	Through-Right		0							0				0				0	
	Right	65	1	40	0	65	27	0	66	1	40	0	66	1	27	0	66	1	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	118	1	**118**	0	118	118	11	130	1	**130**	0	130	1	130	0	130	1	130
	Left-Through		0							0				0				0	
	Through	612	2	306	253	865	**433**	164	783	2	392	253	1036	2	**518**	0	1036	2	**518**
	Through-Right		0							0				0				0	
	Right	70	1	36	70	140	106	0	71	1	36	70	141	1	106	0	141	1	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	69	1	69	0	69	**69**	0	70	1	**70**	0	70	1	**70**	0	70	1	**70**
	Left-Through		0							0				0				0	
	Through	147	2	**65**	0	147	65	61	210	2	87	0	210	2	87	0	210	2	87
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	51	1	**51**	26	77	77	0	52	1	52	26	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	68	2	33	191	259	**98**	104	173	2	**71**	191	364	2	**136**	26	390	2	**144**
	Through-Right		1							1				1				1	
	Right	32	0	32	3	35	35	8	40	0	40	3	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	404		North-South:	470		North-South:	490			North-South:	555			North-South:	555	
			East-West:	116		East-West:	167		East-West:	141			East-West:	206			East-West:	214	
			SUM:	520		SUM:	637		SUM:	631			SUM:	761			SUM:	769	
	VOLUME/CAPACITY (V/C) RATIO:			0.365			0.447			0.443				0.534				0.540	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.265			0.347			0.343				0.434				0.440	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.091 | Δv/c after mitigation: 0.097 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	163	North-South Street:	I-10 WB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	20th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 2 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

	MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	168	1	**168**	0	168	**168**	32	202	1	**202**	0	202	1	**202**	0	202	1	**202**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	17	0	**40**	0	17	**40**	0	17	0	**40**	0	17	0	**40**	0	17	0	**40**
	Through-Right		1							1				1				1	
	Right	23	0	0	0	23	0	0	23	0	0	0	23	0	0	0	23	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	329	1	**329**	248	577	**577**	73	406	1	**406**	248	654	1	**654**	0	654	1	**654**
	Left-Through		0							0				0				0	
	Through	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	168		North-South:	168		North-South:	202			North-South:	202			North-South:	202	
			East-West:	369		East-West:	617		East-West:	446			East-West:	694			East-West:	694	
			SUM:	537		SUM:	785		SUM:	648			SUM:	896			SUM:	896	
	VOLUME/CAPACITY (V/C) RATIO:			0.358			0.523			0.432				0.597				0.597	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.258			0.423			0.332				0.497				0.497	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.165 | Δv/c after mitigation: 0.165 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	164	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	I-10 EB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

	MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	673	2	**337**	0	673	**337**	131	812	2	**406**	0	812	2	**406**	0	812	2	**406**
	Through-Right		0							0				0				0	
	Right	151	1	151	0	151	151	0	153	1	153	0	153	1	153	0	153	1	153
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	392	2	**216**	0	392	**216**	26	423	2	**233**	0	423	2	**233**	0	423	2	**233**
	Left-Through		0							0				0				0	
	Through	520	2	260	42	562	281	52	578	2	289	42	620	2	310	0	620	2	310
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	236	1	**236**	0	236	**236**	43	282	1	**282**	0	282	1	**282**	0	282	1	**282**
	Left-Through		0							0				0				0	
	Through	4	0	183	0	4	183	0	4	0	215	0	4	0	215	0	4	0	215
	Through-Right		1							1				1				1	
	Right	179	0	0	0	179	0	30	211	0	0	0	211	0	0	0	211	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	553		North-South:	553		North-South:	639			North-South:	639			North-South:	639	
			East-West:	236		East-West:	236		East-West:	282			East-West:	282			East-West:	282	
			SUM:	789		SUM:	789		SUM:	921			SUM:	921			SUM:	921	
	VOLUME/CAPACITY (V/C) RATIO:			0.554			0.554			0.646				0.646				0.646	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.454			0.454			0.546				0.546				0.546	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	165	North-South Street:	I-10 EB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Hoover	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases		3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	534	2	259	0	534	259	82	622	2	289	0	622	2	289	0	622	2	289
	Through-Right		1							1				1				1	
	Right	243	0	243	0	243	243	0	246	0	246	0	246	0	246	0	246	0	246
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	261	1	261	0	261	261	54	318	1	318	0	318	1	318	0	318	1	318
	Left-Through		0							0				0				0	
	Through	395	3	132	34	429	143	62	462	3	154	34	496	3	165	0	496	3	165
	Through-Right		1							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	219	1	186	0	219	186	53	275	1	220	0	275	1	220	0	275	1	220
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	152	0	186	0	152	186	10	164	0	220	0	164	0	220	0	164	0	220
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		520	North-South:		520	North-South:			607	North-South:			607	North-South:			607
		East-West:		186	East-West:		186	East-West:			220	East-West:			220	East-West:			220
		SUM:		706	SUM:		706	SUM:			827	SUM:			827	SUM:			827
VOLUME/CAPACITY (V/C) RATIO:				0.495			0.495				0.580				0.580				0.580
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.395			0.395				0.480				0.480				0.480
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	166	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
	Left-Through		1							1				1				1	
	Through	28	0	22	0	28	34	101	129	0	72	0	129	0	95	0	129	0	95
	Through-Right		1							1				1				1	
	Right	6	0	22	0	6	0	0	6	0	72	0	6	0	95	0	6	0	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	18	0	18	232	250	250	3	21	0	21	232	253	0	253	0	253	0	253
	Left-Through		1							1				1				1	
	Through	94	0	56	1401	1495	935	123	218	0	123	1401	1619	0	1001	0	1619	0	1001
	Through-Right		1							1				1				1	
	Right	0	0	56	124	124	935	6	6	0	123	124	130	0	1001	0	130	0	1001
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
	Left-Through		1							1				1				1	
	Through	75	0	43	361	436	440	6	82	0	47	361	443	0	447	0	443	0	447
	Through-Right		1							1				1				1	
	Right	7	0	43	578	585	581	1	8	0	47	578	586	0	586	0	586	0	586
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through		1							1				1				1	
	Through	54	0	29	0	54	37	16	71	0	40	0	71	0	47	0	71	0	47
	Through-Right		1							1				1				1	
	Right	1	0	29	0	1	37	4	5	0	40	0	5	0	47	0	5	0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		65	North-South:		944	North-South:			132	North-South:			1010	North-South:			1010
		East-West:		46	East-West:		584	East-West:			50	East-West:			589	East-West:			589
		SUM:		111	SUM:		1528	SUM:			182	SUM:			1599	SUM:			1599
VOLUME/CAPACITY (V/C) RATIO:				0.074			1.019				0.121				1.066				1.066
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.037			0.919				0.061				0.966				0.966
LEVEL OF SERVICE (LOS):				A			E				A				E				E

PROJECT IMPACT

Change in v/c due to project: 0.905 Δv/c after mitigation: 0.905

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	167	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	10	0	10	0	10	10	11	21	1	21	0	21	1	21	0	21	1	21
	Left-Through		1							0				0				0	
	Through	92	0	53	0	92	53	68	161	2	55	0	161	2	55	0	161	2	55
	Through-Right		1							1				1				1	
	Right	3	0	53	0	3	53	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	6	0	6	0	6	6	0	6	1	6	0	6	1	6	0	6	1	6
	Left-Through		1							0				0				0	
	Through	130	0	72	118	248	131	76	208	2	73	118	326	2	112	0	326	2	112
	Through-Right		1							1				1				1	
	Right	8	0	72	0	8	131	2	10	0	10	0	10	0	10	0	10	0	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through		1							0				0				0	
	Through	69	0	42	511	580	338	5	75	0	93	511	586	0	685	0	586	0	685
	Through-Right		1							0				0				0	
	Right	12	0	42	81	93	338	3	15	0	0	81	96	0	0	0	96	0	0
	Left-Through-Right		0							1				1				1	
	Left-Right		0							0				0				0	
WESTBOUND	Left	5	0	5	0	5	5	0	5	0	5	0	5	0	5	0	5	0	5
	Left-Through		1							0				0				0	
	Through	37	0	25	0	37	33	7	44	0	57	0	44	0	57	0	44	0	57
	Through-Right		1							0				0				0	
	Right	8	0	25	0	8	33	0	8	0	0	0	8	0	0	0	8	0	0
	Left-Through-Right		0							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		82	North-South:		141	North-South:			94	North-South:			133	North-South:			133
		East-West:		47	East-West:		343	East-West:			98	East-West:			690	East-West:			690
		SUM:		129	SUM:		484	SUM:			192	SUM:			823	SUM:			823
VOLUME/CAPACITY (V/C) RATIO:				0.086			0.323				0.128				0.549				0.549
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.043			0.223				0.064				0.449				0.449
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.385 Δv/c after mitigation: 0.385

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	168	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/13/2012
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	8	1	8	0	8	8	0	8	1	8	0	8	1	8	0	8	1	8
	Left-Through		0							0				0				0	
	Through	51	1	27	0	51	27	104	156	1	80	0	156	1	80	0	156	1	80
	Through-Right		1							1				1				1	
	Right	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	4	1	4	0	4	4	0	4	1	4	0	4	1	4	0	4	1	4
	Left-Through		0							0				0				0	
	Through	119	1	61	1	120	62	107	227	0	232	1	228	0	233	0	228	0	233
	Through-Right		1							1				1				1	
	Right	3	0	3	0	3	3	2	5	0	0	0	5	0	0	0	5	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through		1							1				1				1	
	Through	53	1	39	511	564	294	5	59	0	42	511	570	0	297	0	570	0	297
	Through-Right		1							1				1				1	
	Right	16	0	39	0	16	294	0	16	0	42	0	16	0	297	0	16	0	297
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through		1							1				1				1	
	Through	35	0	20	0	35	21	5	40	0	22	0	40	0	23	0	40	0	23
	Through-Right		1							1				1				1	
	Right	2	0	20	0	2	21	0	2	0	22	0	2	0	23	0	2	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		69	North-South:		70	North-South:			240	North-South:			241	North-South:			241
		East-West:		41	East-West:		296	East-West:			44	East-West:			299	East-West:			299
		SUM:		110	SUM:		366	SUM:			284	SUM:			540	SUM:			540
VOLUME/CAPACITY (V/C) RATIO:				0.073			0.244				0.189				0.360				0.360
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.037			0.144				0.095				0.260				0.260
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.165 Δv/c after mitigation: 0.165

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	169	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	16th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAECC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	37	0	22	0	37	22	16	53	0	30	0	53	0	30	0	53	0	30
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	2	0	22	0	2	22	0	2	0	30	0	2	0	30	0	2	0	30
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	95	0	50	1	96	50	23	119	0	62	1	120	0	62	0	120	0	62
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	2	0	50	0	2	50	0	2	0	62	0	2	0	62	0	2	0	62
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	35	0	31	483	518	273	0	35	0	31	483	518	0	273	0	518	0	273
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	24	0	31	0	24	273	0	24	0	31	0	24	0	273	0	24	0	273
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	39	0	22	0	39	24	5	44	0	25	0	44	0	26	0	44	0	26
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	2	0	22	0	2	24	0	2	0	25	0	2	0	26	0	2	0	26
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		54	North-South:		54	North-South:			66	North-South:			66	North-South:			66
	East-West:		34	East-West:		276	East-West:			34	East-West:			276	East-West:			276
	SUM:		88	SUM:		330	SUM:			100	SUM:			342	SUM:			342
VOLUME/CAPACITY (V/C) RATIO:			0.059			0.220				0.067				0.228				0.228
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.029			0.120				0.033				0.128				0.128
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.095 Δv/c after mitigation: 0.095
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	170	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAECC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	31	1	31	0	31	31	0	31	1	31	0	31	1	31	0	31	1	31
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	58	2	29	0	58	29	0	59	2	30	0	59	2	30	0	59	2	30
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	129	1	85	0	129	87	0	131	1	86	0	131	1	88	0	131	1	88
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	40	0	40	5	45	45	0	40	0	40	5	45	0	45	0	45	0	45
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	12	1	12	0	12	12	0	12	1	12	0	12	1	12	0	12	1	12
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	28	1	13	483	511	496	0	28	1	13	483	511	1	496	0	511	1	496
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	155	1	155	0	155	155	0	157	1	157	0	157	1	157	0	157	1	157
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	38	1	38	0	38	38	5	43	1	43	0	43	1	43	0	43	1	43
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	58	0	58	0	58	58	0	59	0	59	0	59	0	59	0	59	0	59
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		116	North-South:		118	North-South:			117	North-South:			119	North-South:			119
	East-West:		168	East-West:		651	East-West:			170	East-West:			653	East-West:			653
	SUM:		284	SUM:		769	SUM:			287	SUM:			772	SUM:			772
VOLUME/CAPACITY (V/C) RATIO:			0.189			0.513				0.191				0.515				0.515
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.095			0.413				0.096				0.415				0.415
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.319 Δv/c after mitigation: 0.319
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	171	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAECC

No. of Phases: 3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	94	1	94	0	94	94	0	95	1	95	0	95	1	95	0	95	1	95
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	67	2	34	8	75	38	31	99	2	50	8	107	2	54	0	107	2	54
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	154	1	102	94	248	149	45	201	1	126	94	295	1	173	0	295	1	173
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	171	0	171	0	171	171	0	173	0	173	0	173	0	173	0	173	0	173
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	68	2	34	0	68	34	5	74	2	37	0	74	2	37	0	74	2	37
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	31	1	31	0	31	31	0	31	1	31	0	31	1	31	0	31	1	31
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		196	North-South:		243	North-South:			221	North-South:			268	North-South:			268
	East-West:		171	East-West:		171	East-West:			173	East-West:			173	East-West:			173
	SUM:		367	SUM:		414	SUM:			394	SUM:			441	SUM:			441
VOLUME/CAPACITY (V/C) RATIO:			0.258			0.291				0.276				0.309				0.309
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.158			0.191				0.176				0.209				0.209
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.033 Δv/c after mitigation: 0.033
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	172	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAECC

No. of Phases: 4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	15	1	15	0	15	15	0	15	1	15	0	15	1	15	0	15	1	15
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	257	1	133	0	257	133	89	349	1	179	0	349	1	179	0	349	1	179
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	18	1	18	18	36	36	18	36	1	36	18	54	1	54	0	54	1	54
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	257	1	135	76	333	173	98	358	1	187	76	434	1	225	0	434	1	225
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	13	0	13	0	13	13	2	15	0	15	0	15	0	15	0	15	0	15
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	35	1	35	8	43	43	4	39	1	39	8	47	1	47	0	47	1	47
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	121	1	70	356	477	257	87	209	1	114	356	565	1	301	0	565	1	301
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	19	0	19	17	36	36	0	19	0	19	17	36	0	36	0	36	0	36
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	30	1	30	0	30	30	0	30	1	30	0	30	1	30	0	30	1	30
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	146	1	93	0	146	93	49	197	1	133	0	197	1	133	0	197	1	133
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	40	0	40	0	40	40	29	69	0	69	0	69	0	69	0	69	0	69
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		151	North-South:		188	North-South:			215	North-South:			240	North-South:			240
	East-West:		128	East-West:		287	East-West:			172	East-West:			331	East-West:			331
	SUM:		279	SUM:		475	SUM:			387	SUM:			571	SUM:			571
VOLUME/CAPACITY (V/C) RATIO:			0.203			0.345				0.281				0.415				0.415
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.103			0.245				0.181				0.315				0.315
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.134 Δv/c after mitigation: 0.134
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	173	North-South Street:	Wilton Place (ext. of Arlington)	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	52	1	52	0	52	52	0	53	1	53	0	53	1	53	0	53	1	53
	Left-Through		0							0				0				0	
	Through	575	1	327	0	575	327	0	582	1	331	0	582	1	331	0	582	1	331
	Through-Right		1							1				1				1	
	Right	78	0	78	0	78	78	0	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	24	1	24	0	24	24	0	24	1	24	0	24	1	24	0	24	1	24
	Left-Through		0							0				0				0	
	Through	414	1	241	0	414	241	0	419	1	244	0	419	1	244	0	419	1	244
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	0	69	0	69	0	69	0	69	0	69	0	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	124	1	124	0	124	124	0	125	1	125	0	125	1	125	0	125	1	125
	Left-Through		0							0				0				0	
	Through	667	2	236	0	667	236	37	712	2	252	0	712	2	252	0	712	2	252
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	95	1	95	0	95	95	0	96	1	96	0	96	1	96	0	96	1	96
	Left-Through		0							0				0				0	
	Through	519	2	185	80	599	211	53	578	2	204	80	658	2	231	0	658	2	231
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		351	North-South:		351	North-South:			355	North-South:			355	North-South:			355
		East-West:		331	East-West:		335	East-West:			348	East-West:			356	East-West:			356
		SUM:		682	SUM:		686	SUM:			703	SUM:			711	SUM:			711
VOLUME/CAPACITY (V/C) RATIO:				0.455			0.457				0.469				0.474				0.474
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.385			0.387				0.369				0.374				0.374
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.005 Δv/c after mitigation: 0.005

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	174	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	53	1	53	0	53	53	0	54	1	54	0	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	448	2	224	0	448	224	0	453	2	227	0	453	2	227	0	453	2	227
	Through-Right		1							1				1				1	
	Right	24	1	0	0	24	0	0	24	1	0	0	24	1	0	0	24	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	50	1	50	0	50	50	0	51	1	51	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	370	2	185	0	370	185	0	374	2	187	0	374	2	187	0	374	2	187
	Through-Right		0							0				0				0	
	Right	87	1	40	0	87	40	0	88	1	40	0	88	1	40	0	88	1	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	95	1	95	0	95	95	0	96	1	96	0	96	1	96	0	96	1	96
	Left-Through		0							0				0				0	
	Through	544	3	181	0	544	181	101	652	3	217	0	652	3	217	0	652	3	217
	Through-Right		0							0				0				0	
	Right	51	1	25	0	51	25	0	52	1	25	0	52	1	25	0	52	1	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	518	3	173	267	785	262	130	654	3	218	267	921	3	307	0	921	3	307
	Through-Right		0							0				0				0	
	Right	70	1	45	0	70	45	0	71	1	46	0	71	1	46	0	71	1	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		274	North-South:		274	North-South:			278	North-South:			278	North-South:			278
		East-West:		268	East-West:		357	East-West:			314	East-West:			403	East-West:			403
		SUM:		542	SUM:		631	SUM:			592	SUM:			681	SUM:			681
VOLUME/CAPACITY (V/C) RATIO:				0.361			0.421				0.395				0.454				0.454
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.261			0.321				0.395				0.454				0.454
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.059 Δv/c after mitigation: 0.059

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	175	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	447	2	224	0	447	224	0	452	2	226	0	452	2	226	0	452	2	226
	Through-Right		0							0				0				0	
	Right	29	1	14	0	29	14	0	29	1	14	0	29	1	14	0	29	1	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	1	44	0	44	44	0	45	1	45	0	45	1	45	0	45	1	45
	Left-Through		0							0				0				0	
	Through	404	2	202	0	404	202	0	409	2	205	0	409	2	205	0	409	2	205
	Through-Right		0							0				0				0	
	Right	53	1	24	0	53	24	0	54	1	25	0	54	1	25	0	54	1	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	58	1	58	0	58	58	0	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	259	1	159	0	259	159	65	327	1	194	0	327	1	194	0	327	1	194
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	31	1	31	0	31	31	0	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	226	1	129	82	308	170	82	311	1	172	82	393	1	213	0	393	1	213
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		268	North-South:		268	North-South:			271	North-South:			271	North-South:			271
		East-West:		190	East-West:		228	East-West:			231	East-West:			272	East-West:			272
		SUM:		458	SUM:		496	SUM:			502	SUM:			543	SUM:			543
VOLUME/CAPACITY (V/C) RATIO:				0.305			0.331				0.335				0.362				0.362
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.205			0.231				0.235				0.262				0.262
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.027 Δv/c after mitigation: 0.027

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	176	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	53	0	53	0	53	53	0	54	0	54	0	54	0	54	0	54	0	54
	Left-Through		1							1				1				1	
	Through	555	0	351	0	555	351	0	562	0	355	0	562	0	355	0	562	0	355
	Through-Right		1							1				1				1	
	Right	40	0	351	0	40	351	0	40	0	355	0	40	0	355	0	40	0	355
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through		1							1				1				1	
	Through	538	0	312	0	538	312	0	544	0	338	0	544	0	338	0	544	0	338
	Through-Right		1							1				1				1	
	Right	39	0	312	0	39	312	0	39	0	338	0	39	0	338	0	39	0	338
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	29	1	29	0	29	29	0	29	1	29	0	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	288	2	144	0	288	144	30	321	2	161	0	321	2	161	0	321	2	161
	Through-Right		0							0				0				0	
	Right	91	1	91	0	91	91	0	92	1	92	0	92	1	92	0	92	1	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	247	1	140	238	485	259	30	280	1	157	238	518	1	276	0	518	1	276
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		374	North-South:		374	North-South:			392	North-South:			392	North-South:			392
		East-West:		187	East-West:		288	East-West:			205	East-West:			305	East-West:			305
		SUM:		561	SUM:		662	SUM:			597	SUM:			697	SUM:			697
VOLUME/CAPACITY (V/C) RATIO:				0.374			0.441				0.398				0.465				0.465
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.274			0.341				0.298				0.365				0.365
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.067 Δv/c after mitigation: 0.067

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project and Existing With Project (SC) - Weekday Evening : Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	12/8/2011
177	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

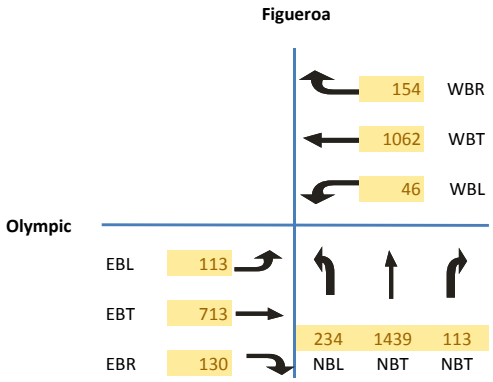
No. of Phases			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	44	0	44	0	44	44	0	45	0	45	0	45	0	45	0	45	0	45
	Left-Through		1							1				1				1	
	Through	494	0	**371**	0	494	**371**	0	500	0	**376**	0	500	0	**376**	0	500	0	**376**
	Through-Right		1							1				1				1	
	Right	71	0	371	0	71	371	0	72	0	376	0	72	0	376	0	72	0	376
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	15	0	**15**	0	15	**15**	0	15	0	**15**	0	15	0	**15**	0	15	0	**15**
	Left-Through		1							1				1				1	
	Through	582	0	323	0	582	323	0	589	0	326	0	589	0	326	0	589	0	326
	Through-Right		1							1				1				1	
	Right	33	0	323	0	33	323	0	33	0	326	0	33	0	326	0	33	0	326
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	56	1	56	0	56	56	0	57	1	57	0	57	1	57	0	57	1	57
	Left-Through		0							0				0				0	
	Through	243	1	**155**	0	243	**155**	61	307	1	**188**	0	307	1	**188**	0	307	1	**188**
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	89	1	**89**	0	89	**89**	0	90	1	**90**	0	90	1	**90**	0	90	1	**90**
	Left-Through		0							0				0				0	
	Through	234	2	89	207	441	158	104	341	2	125	207	548	2	194	0	548	2	194
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		386	*North-South:*		386	*North-South:*			391	*North-South:*			391	*North-South:*			391
		East-West:		244	*East-West:*		244	*East-West:*			278	*East-West:*			278	*East-West:*			278
		SUM:		630	*SUM:*		630	*SUM:*			669	*SUM:*			669	*SUM:*			669
VOLUME/CAPACITY *(V/C)* RATIO:				0.420			0.420				0.446				0.446				0.446
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.320			0.320				0.346				0.346				0.346
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project:	0.000	Δ*v/c* after mitigation:	0.000
Significant impacted?	NO	Fully mitigated?	N/A

3 Figueroa & Olympic Existing - Weekday Evening: Pre-Event Hour - Manual Adjustment 8/8/2011



1) Lane capacity for EB left 900 vphpl

Number of lanes 1

EB Left V/C $\frac{113}{900}$ = 0.126

Lane capacity for WB Thru 1,425 vphpl
Lane capacity for WB right 900 vphpl

Number of lanes 3 Thru
1 Right turn only

WB Thru/RT V/C $\frac{1,062}{4,275}$ = 0.248 or $\frac{154}{900}$ = 0.171
= 0.248

Critical V/C 0.126 + 0.248 = 0.374

Or

Lane capacity for WB lefts 1,425 vphpl

Number of lanes 1

WB Left V/C $\frac{46}{1,425}$ = 0.032

Lane capacity for EB Thru/Rights 1,425 vphpl

Number of lanes 3 Thru
1 Right-turn only

EB Thru/Right V/C $\frac{713}{4,275}$ = 0.167 or $\frac{130}{1,425}$ = 0.091
= 0.167

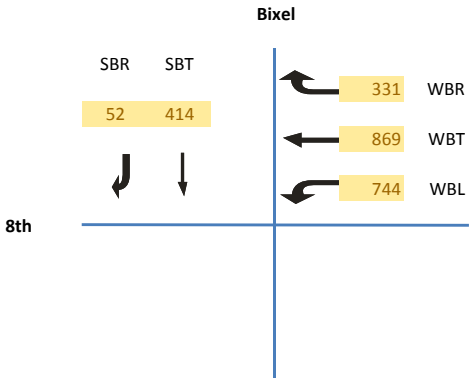
Critical V/C 0.032 + 0.167 = 0.199

2) Lane capacity for NB Thru 900 vphpl
Lane capacity for NB Left and Right turns 1,425 vphpl

Number of lanes 1 Left turn only
3.5 Thru
1 Right turn only

Critical V/C $\frac{1,439}{3,150}$ = 0.457 or $\frac{234}{1,425}$ = 0.164 or $\frac{113}{1,425}$ = 0.079
= 0.457

Intersections V/C = 0.374 + 0.457 - 0.1 = 0.731 LOS C



1) Lane capacity for WB left 750 vphpl

Number of lanes 2

WB Left V/C $\frac{744}{1500}$ = 0.496

or

Lane capacity for WB Thru and Right 1,500 vphpl

Number of lanes 1.5 Thru
0.5 Right turn only

WB Thru/RT V/C $\frac{869 + 331}{3{,}000}$ = 0.4
= 0.400

2) Lane capacity for SB Right 1,500 vphpl

Number of lanes 1

SB Right V/C $\frac{52}{1500}$ = 0.035

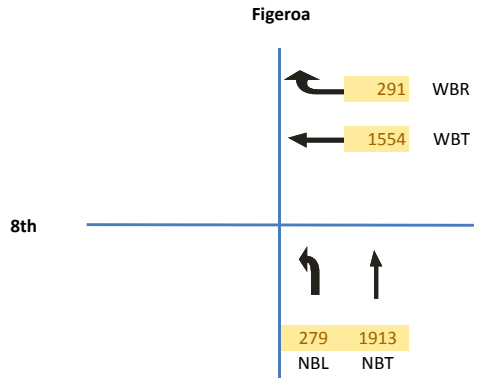
Or

Lane capacity for SB Thru 750 vphpl

Number of lanes 2

SB Thru V/C $\frac{414}{1500}$ = 0.276

Intersections V/C = 0.496 + 0.276 - 0.1 = 0.672 LOS B



1) Lane capacity for WB direction 900 vphpl

Number of lanes 4 Thru
1 Right turn only

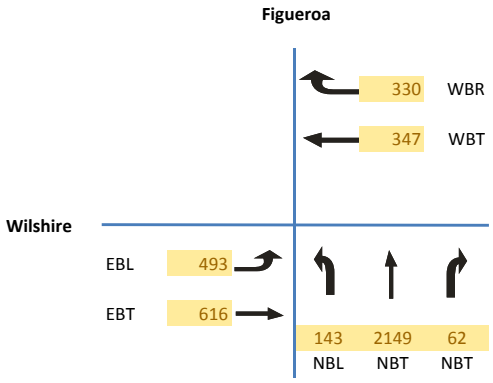
WB direction V/C $\frac{1,554}{3,600}$ = 0.432 or $\frac{291}{900}$ = 0.323
= 0.432

2) Lane capacity for NB direction 900 vphpl

Number of lanes 1 Left turn only
6 Thru

Critical V/C $\frac{1,913}{5,400}$ = 0.354 or $\frac{279}{900}$ = 0.310
= 0.354

Intersections V/C = 0.432 + 0.354 - 0.1 = 0.686 LOS B



1) Lane capacity for EB left 900 vphpl

Number of lanes 2

EB Left V/C $\frac{493 \times 0.55}{900} = 0.301$

Lane capacity for WB direction 1,425 vphpl

Number of lanes 2 Thru
1 Right turn only

WB Thru/RT V/C $\frac{347}{2,850} = 0.122$ or $\frac{330}{1,425} = 0.232$
$= 0.232$

Critical V/C 0.301 + 0.232 = 0.533

Or

Lane capacity for EB Thru 1,425 vphpl

Number of lanes 2

EB Thru V/C $\frac{616}{2,850} = 0.216$

2) Lane capacity for NB direction 900 vphpl

Number of lanes 1 Left turn only
3 Thru
1 Right turn only

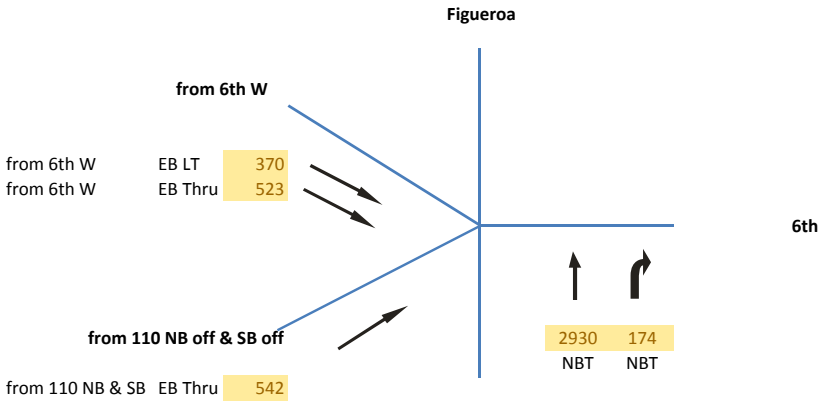
Critical V/C $\frac{143 + 2149 + 62}{4,500} = 0.523$

or $\frac{143}{900} = 0.159$

or $\frac{62}{900} = 0.069$

$= 0.523$

Intersections V/C = 0.533 + 0.523 - 0.07 = 0.986 LOS E



1) Lane capacity for EB direction 1,500 vphpl

Number of lanes
1 Left turn from 6th W
1 Shared Left/Thru from 6th W
1 Thru from 6th W
3 Thru from 110 NB & SB off ramps

EB Left/Thru V/C $\frac{370 + 523}{4{,}500} = 0.198$ or $\frac{542}{4{,}500} = 0.120$

$= 0.198$

2) Lane capacity for NB Thru 900 vphpl

Number of lanes 5.5 Thru

Critical V/C $\frac{2{,}930}{4{,}950} = 0.592$

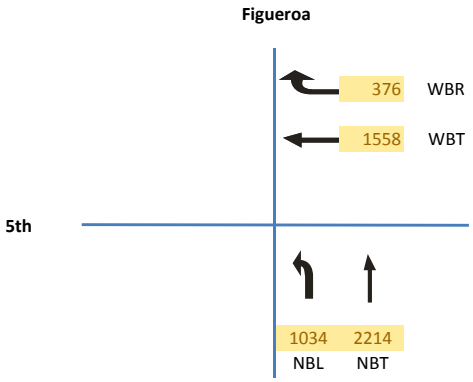
or

Lane capacity for NB Right 1,500 vphpl

Number of lanes 1 Thru

Critical V/C $\frac{174}{1{,}500} = 0.116$

Intersections V/C = 0.198 + 0.592 - 0.07 = 0.720 LOS C



1) Lane capacity for WB direction 900 vphpl

Number of lanes 7

WB V/C $\frac{1,558 + 376}{6,300} = 0.307$

2) Lane capacity for NB Thru 900 vphpl

Number of lanes 4

Critical V/C $\frac{2,214}{3,600} = 0.615$

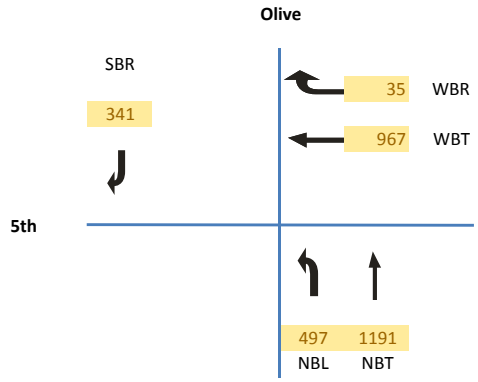
or

Lane capacity for NB Left 900 vphpl

Number of lanes 3

Critical V/C $\frac{1,034}{2,700} = 0.383$

Intersections V/C = 0.307 + 0.615 - 0.07 = 0.852 LOS D



1) Lane capacity for WB capacity 1,425 vphpl

Number of lanes 3 Thru
1 Thru/RT

WB V/C $\frac{967 + 35}{5{,}700} = 0.176$

2) Lane capacity for NB Left 900 vphpl
Lane capacity for SB Right 900 vphpl

Number of lanes 2 NB Left turn only
2 SB Right turn only

NB Left & SB Right V/C $\frac{497}{1{,}800} + \frac{341}{1{,}800} = 0.466$

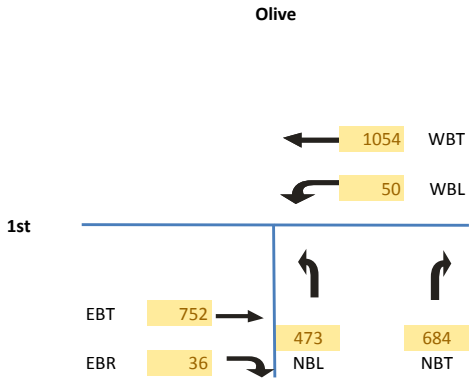
or

Lane capacity for NB Thru 1,425 vphpl

Number of lanes 3 NB Thru

NB Left & SB Right V/C $\frac{1{,}191}{4{,}275} = 0.279$

Intersections V/C = 0.176 + 0.466 - 0.07 = 0.572 LOS A



1) Lane capacity for NB direction 900 vphpl

Number of lanes 2 NB Left
2 NB Right

NB Left/Right V/C $\frac{473}{1{,}800}$ = 0.263 or $\frac{684}{1{,}800}$ = 0.380
= 0.380

2) Lane capacity for WB Left 1,425 vphpl
Lane capacity for EB Thru/Right 1,425 vphpl

Number of lanes 1 WB Left
2 EB Thru
1 EB Thru/Right

WB Left & EB Thru/RT V/C $\frac{50}{1{,}425} + \frac{752 + 36}{4{,}275}$ = 0.219

Or

Lane capacity for WBThru 1,425 vphpl

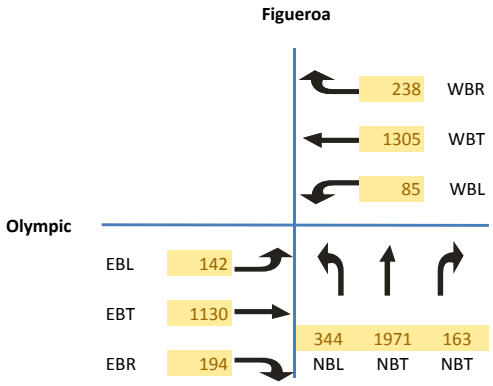
Number of lanes 3

WB Thru V/C $\frac{1{,}054}{4{,}275}$ = 0.247

Lane capacity for EB Thru/Rights 1,425 vphpl

Intersections V/C = 0.380 + 0.247 - 0.07 = 0.557 LOS A

3 Figueroa & Olympic Weekday Pre-Event Hour Future Without Project 8/19/2011



1) Lane capacity for EB left 900 vphpl

Number of lanes 1

EB Left V/C $\frac{142}{900}$ = 0.158

Lane capacity for WB Thru 1,425 vphpl
Lane capacity for WB right 900 vphpl

Number of lanes 3 Thru
1 Right turn only

WB Thru/RT V/C $\frac{1,305}{4,275}$ = 0.305 or $\frac{238}{900}$ = 0.264
= 0.305

Critical V/C 0.158 + 0.305 = 0.463

Or

Lane capacity for WB lefts 1,425 vphpl

Number of lanes 1

WB Left V/C $\frac{85}{1,425}$ = 0.060

Lane capacity for EB Thru/Rights 1,425 vphpl

Number of lanes 3 Thru
1 Right-turn only

EB Thru/Right V/C $\frac{1,130}{4,275}$ = 0.264 or $\frac{194}{1,425}$ = 0.136
= 0.264

Critical V/C 0.060 + 0.264 = 0.324

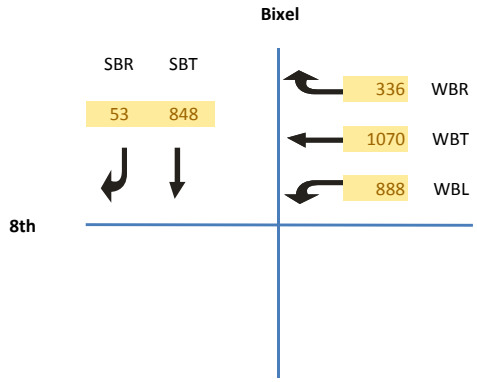
2) Lane capacity for NB Thru 900 vphpl
Lane capacity for NB Left and Right turns 1,425 vphpl

Number of lanes 1 Left turn only
3.5 Thru
1 Right turn only

Critical V/C $\frac{1,971}{3,150}$ = 0.626 or $\frac{344}{1,425}$ = 0.241 or $\frac{163}{1,425}$ = 0.114
= 0.626

Intersections V/C = 0.463 + 0.626 - 0.1 = 0.989 LOS E

86 Bixel & 8th Weekday Pre-Event Hour Future Without Project 8/19/2011



1) Lane capacity for WB left 750 vphpl

Number of lanes 2

WB Left V/C $\frac{888}{1500} = 0.592$

or

Lane capacity for WB Thru and Right 1,500 vphpl

Number of lanes 1.5 Thru
0.5 Right turn only

WB Thru/RT V/C $\frac{1,070 + 336}{3,000} = 0.469$

$= 0.469$

2) Lane capacity for SB Right 1,500 vphpl

Number of lanes 1

SB Right V/C $\frac{53}{1500} = 0.035$

Or

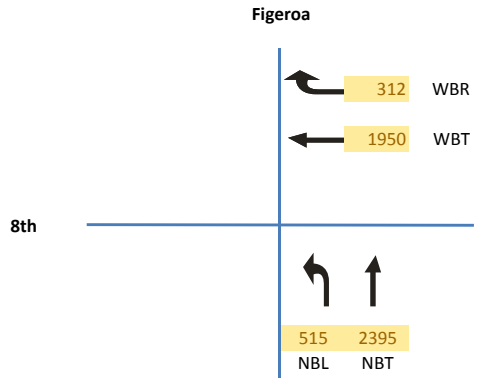
Lane capacity for SB Thru 750 vphpl

Number of lanes 2

SB Thru V/C $\frac{848}{1500} = 0.565$

Intersections V/C = 0.592 + 0.565 - 0.1 = 1.057 LOS F

88 Figueroa & 8th Weekday Pre-Event Hour Future Without Project 8/19/2011



1) Lane capacity for WB direction 900 vphpl

Number of lanes 4 Thru
1 Right turn only

WB direction V/C $\frac{1,950}{3,600}$ = 0.542 or $\frac{312}{900}$ = 0.347

= 0.542

2) Lane capacity for NB direction 900 vphpl

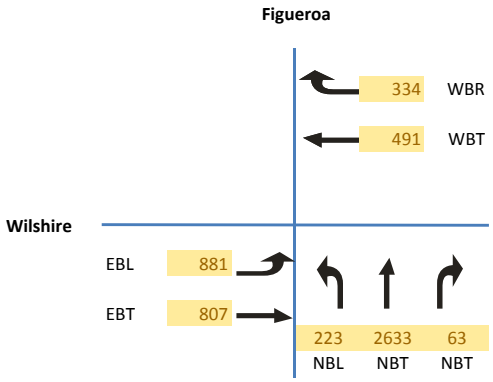
Number of lanes 1 Left turn only
6 Thru

Critical V/C $\frac{2,395}{5,400}$ = 0.444 or $\frac{515}{900}$ = 0.572

= 0.572

Intersections V/C = 0.542 + 0.572 - 0.1 = 1.014 LOS F

93 Figueroa & Wilshire Weekday Pre-Event Hour Future Without Project 8/19/2011



1) Lane capacity for EB left 900 vphpl

Number of lanes 2

EB Left V/C $\frac{881 \times 0.55}{900} = 0.538$

Lane capacity for WB direction 1,425 vphpl

Number of lanes 2 Thru
1 Right turn only

WB Thru/RT V/C $\frac{491}{2,850} = 0.172$ or $\frac{334}{1,425} = 0.234$
$= 0.234$

Critical V/C 0.538 + 0.234 = 0.772

Or

Lane capacity for EB Thru 1,425 vphpl

Number of lanes 2

EB Thru V/C $\frac{807}{2,850} = 0.283$

2) Lane capacity for NB direction 900 vphpl

Number of lanes 1 Left turn only
3 Thru
1 Right turn only

Critical V/C $\frac{223 + 2633 + 63}{4,500} = 0.649$

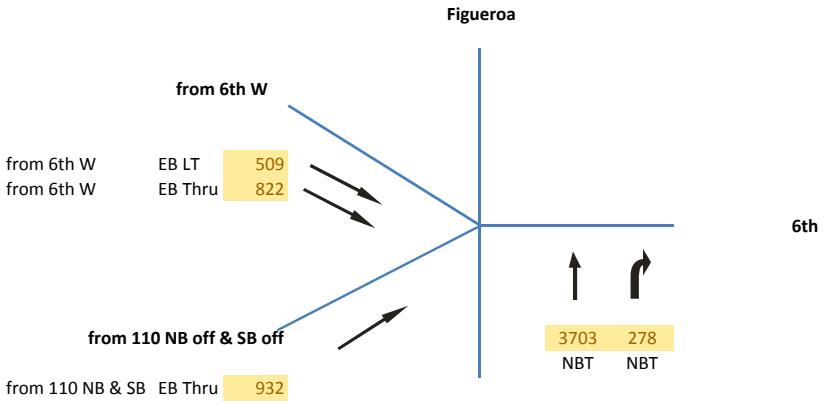
or $\frac{223}{900} = 0.248$

or $\frac{63}{900} = 0.070$

$= 0.649$

Intersections V/C = 0.772 + 0.649 - 0.1 = 1.321 LOS F

96 Figueroa & 6th Weekday Pre-Event Hour Future Without Project 8/19/2011



1) Lane capacity for EB direction 1,500 vphpl

Number of lanes
1 Left turn from 6th W
1 Shared Left/Thru from 6th W
1 Thru from 6th W
3 Thru from 110 NB & SB off ramps

EB Left/Thru V/C $\frac{509 + 822}{4{,}500} = 0.296$ or $\frac{932}{4{,}500} = 0.207$

$= 0.296$

2) Lane capacity for NB Thru 900 vphpl

Number of lanes 5.5 Thru

Critical V/C $\frac{3{,}703}{4{,}950} = 0.748$

or

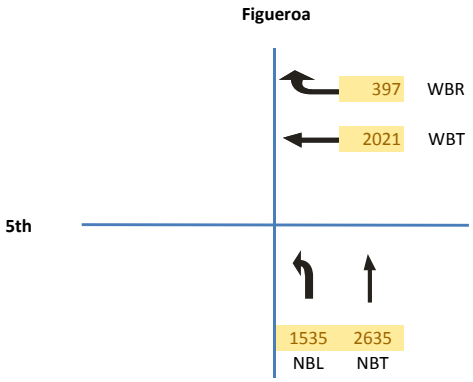
Lane capacity for NB Right 1,500 vphpl

Number of lanes 1 Thru

Critical V/C $\frac{278}{1{,}500} = 0.185$

Intersections V/C = 0.296 + 0.748 - 0.1 = 0.944 LOS E

102 Figueroa & 5th Weekday Pre-Event Hour Future Without Project 8/19/2011



1) Lane capacity for WB direction 900 vphpl

Number of lanes 7

WB V/C $\frac{2,021 + 397}{6,300} = 0.384$

2) Lane capacity for NB Thru 900 vphpl

Number of lanes 4

Critical V/C $\frac{2,635}{3,600} = 0.732$

or

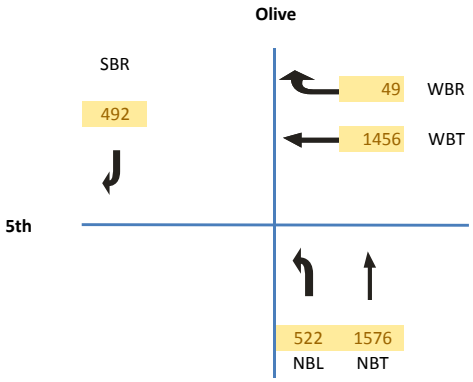
Lane capacity for NB Left 900 vphpl

Number of lanes 3

Critical V/C $\frac{1,535}{2,700} = 0.569$

Intersections V/C = 0.384 + 0.732 - 0.1 = 1.016 LOS F

104 Olive & 5th Weekday Pre-Event Hour Future Without Project 8/19/2011



1) Lane capacity for WB capacity 1,425 vphpl

Number of lanes 3 Thru
1 Thru/RT

WB V/C $\frac{1,456 + 49}{5,700} = 0.264$

2) Lane capacity for NB Left 900 vphpl
Lane capacity for SB Right 900 vphpl

Number of lanes 2 NB Left turn only
2 SB Right turn only

NB Left & SB Right V/C $\frac{522}{1,800} + \frac{492}{1,800} = 0.563$

or

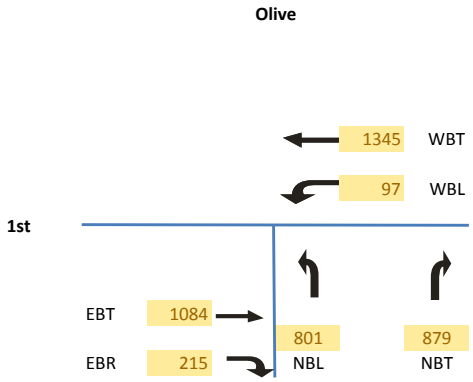
Lane capacity for NB Thru 1,425 vphpl

Number of lanes 3 NB Thru

NB Left & SB Right V/C $\frac{1,576}{4,275} = 0.369$

Intersections V/C = 0.264 + 0.563 - 0.1 = 0.727 LOS C

112 Olive & 1st Weekday Pre-Event Hour Future Without Project 8/19/2011



1) Lane capacity for NB direction 900 vphpl

Number of lanes 2 NB Left
2 NB Right

NB Left/Right V/C $\frac{801}{1,800}$ = 0.445 or $\frac{879}{1,800}$ = 0.488
= 0.488

2) Lane capacity for WB Left 1,425 vphpl
Lane capacity for EB Thru/Right 1,425 vphpl

Number of lanes 1 WB Left
2 EB Thru
1 EB Thru/Right

WB Left & EB Thru/RT V/C $\frac{97}{1,425}$ + $\frac{1,084 + 215}{4,275}$ = 0.372

Or

Lane capacity for WBThru 1,425 vphpl

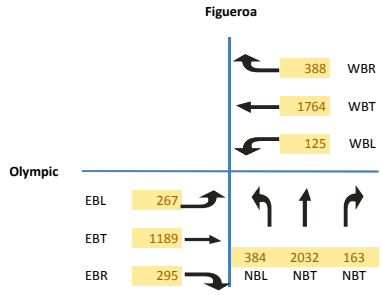
Number of lanes 3

WB Thru V/C $\frac{1,345}{4,275}$ = 0.315

Lane capacity for EB Thru/Rights 1,425 vphpl

Intersections V/C = 0.488 + 0.372 - 0.1 = 0.760 LOS C

3 Figueroa & Olympic Future With Project - Weekday Evening: Pre-Event Hour - Manual Adjustment 10/4/2011



1) Lane capacity for EB left 900 vphpl

Number of lanes 1

EB Left V/C $\frac{267}{900}$ = 0.297

Lane capacity for WB Thru 1,425 vphpl
Lane capacity for WB right 900 vphpl

Number of lanes 3 Thru
1 Right turn only

WB Thru/RT V/C $\frac{1,764}{4,275}$ = 0.413 or $\frac{388}{900}$ = 0.431
= 0.431

Critical V/C 0.297 + 0.431 = 0.728

Or

Lane capacity for WB lefts 1,425 vphpl

Number of lanes 1

WB Left V/C $\frac{125}{1,425}$ = 0.088

Lane capacity for EB Thru/Rights 1,425 vphpl

Number of lanes 3 Thru
1 Right-turn only

EB Thru/Right V/C $\frac{1,189}{4,275}$ = 0.278 or $\frac{295}{1,425}$ = 0.207
= 0.278

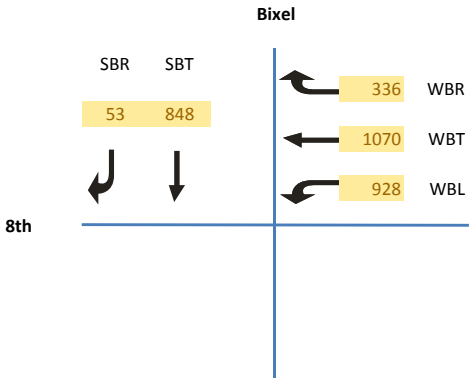
Critical V/C 0.088 + 0.278 = 0.366

2) Lane capacity for NB Thru 900 vphpl
Lane capacity for NB Left and Right turns 1,425 vphpl

Number of lanes 1 Left turn only
3.5 Thru
1 Right turn only

Critical V/C $\frac{2,032}{3,150}$ = 0.645 or $\frac{384}{1,425}$ = 0.269 or $\frac{163}{1,425}$ = 0.114
= 0.645

Intersections V/C = 0.728 + 0.645 - 0.1 = 1.273 LOS F



1) Lane capacity for WB left 750 vphpl

Number of lanes 2

WB Left V/C $\frac{928}{1500} = 0.619$

or

Lane capacity for WB Thru and Right 1,500 vphpl

Number of lanes 1.5 Thru
0.5 Right turn only

WB Thru/RT V/C $\frac{1,070 + 336}{3,000} = 0.469$

$= 0.469$

2) Lane capacity for SB Right 1,500 vphpl

Number of lanes 1

SB Right V/C $\frac{53}{1500} = 0.035$

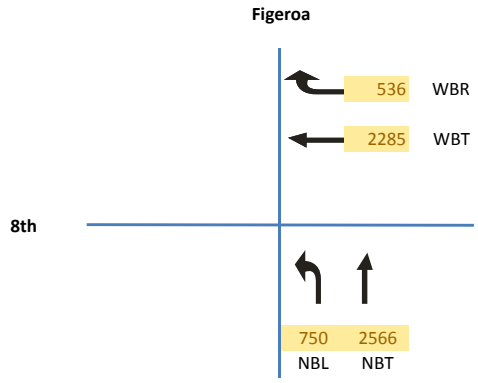
Or

Lane capacity for SB Thru 750 vphpl

Number of lanes 2

SB Thru V/C $\frac{848}{1500} = 0.565$

Intersections V/C = 0.619 + 0.565 - 0.1 = 1.084 LOS F



1) Lane capacity for WB direction 900 vphpl

Number of lanes 4 Thru
1 Right turn only

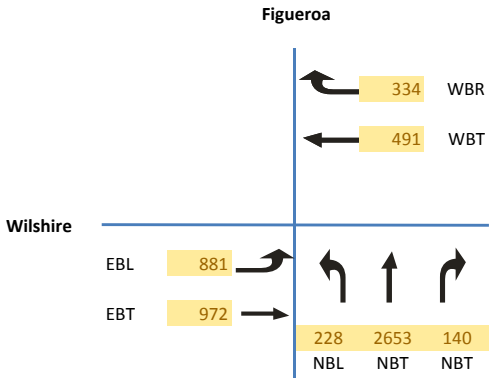
WB direction V/C $\frac{2,285}{3,600}$ = 0.635 or $\frac{536}{900}$ = 0.596
= 0.635

2) Lane capacity for NB direction 900 vphpl

Number of lanes 1 Left turn only
6 Thru

Critical V/C $\frac{2,566}{5,400}$ = 0.475 or $\frac{750}{900}$ = 0.833
= 0.833

Intersections V/C = 0.635 + 0.833 - 0.1 = 1.368 LOS F



1) Lane capacity for EB left 900 vphpl

Number of lanes 2

EB Left V/C $\frac{881 \times 0.55}{900} = 0.538$

Lane capacity for WB direction 1,425 vphpl

Number of lanes 2 Thru
1 Right turn only

WB Thru/RT V/C $\frac{491}{2,850} = 0.172$ or $\frac{334}{1,425} = 0.234$
$= 0.234$

Critical V/C 0.538 + 0.234 = 0.772

Or

Lane capacity for EB Thru 1,425 vphpl

Number of lanes 2

EB Thru V/C $\frac{972}{2,850} = 0.341$

2) Lane capacity for NB direction 900 vphpl

Number of lanes 1 Left turn only
3 Thru
1 Right turn only

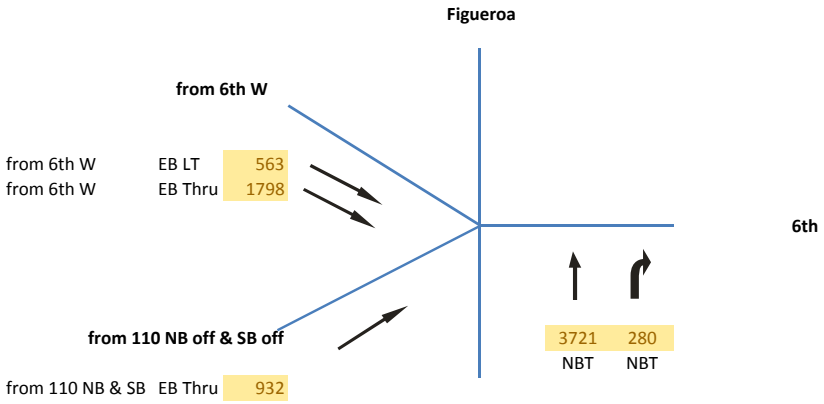
Critical V/C $\frac{228 + 2653 + 140}{4,500} = 0.671$

or $\frac{228}{900} = 0.253$

or $\frac{140}{900} = 0.156$

$= 0.671$

Intersections V/C = 0.772 + 0.671 - 0.1 = 1.343 LOS F



1) Lane capacity for EB direction 1,500 vphpl

Number of lanes
1 Left turn from 6th W
1 Shared Left/Thru from 6th W
1 Thru from 6th W
3 Thru from 110 NB & SB off ramps

EB Left/Thru V/C $\frac{563 + 1{,}798}{4{,}500} = 0.525$ or $\frac{932}{4{,}500} = 0.207$

$= 0.525$

2) Lane capacity for NB Thru 900 vphpl

Number of lanes 5.5 Thru

Critical V/C $\frac{3{,}721}{4{,}950} = 0.752$

or

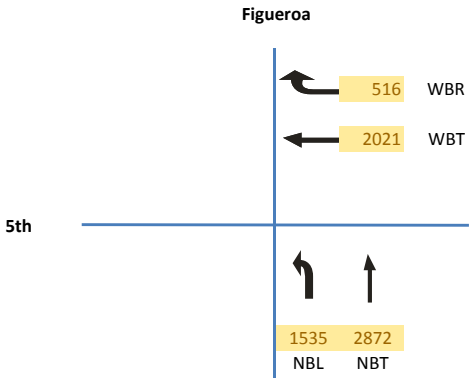
Lane capacity for NB Right 1,500 vphpl

Number of lanes 1 Thru

Critical V/C $\frac{280}{1{,}500} = 0.187$

Intersections V/C = 0.525 + 0.752 - 0.1 = 1.177 LOS F

102 Figueroa & 5th Future With Project - Weekday Evening: Pre-Event Hour - Manual Adjustment 8/28/2011



1) Lane capacity for WB direction 900 vphpl

Number of lanes 7

WB V/C $\frac{2,021 + 516}{6,300} = 0.403$

2) Lane capacity for NB Thru 900 vphpl

Number of lanes 4

Critical V/C $\frac{2,872}{3,600} = 0.798$

or

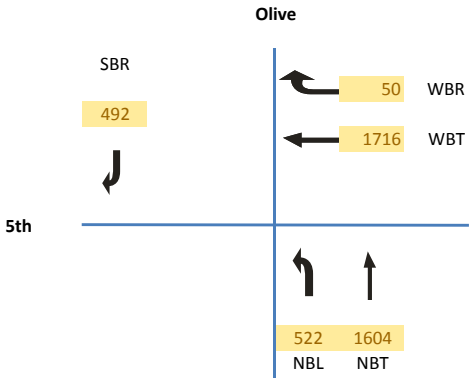
Lane capacity for NB Left 900 vphpl

Number of lanes 3

Critical V/C $\frac{1,535}{2,700} = 0.569$

Intersections V/C = 0.403 + 0.798 - 0.1 = 1.101 LOS F

104 Olive & 5th Future With Project - Weekday Evening: Pre-Event Hour - Manual Adjustment 8/28/2011



1) Lane capacity for WB capacity 1,425 vphpl

Number of lanes 3 Thru
1 Thru/RT

WB V/C $\frac{1{,}716 + 50}{5{,}700} = 0.31$

2) Lane capacity for NB Left 900 vphpl
Lane capacity for SB Right 900 vphpl

Number of lanes 2 NB Left turn only
2 SB Right turn only

NB Left & SB Right V/C $\frac{522}{1{,}800} + \frac{492}{1{,}800} = 0.563$

or

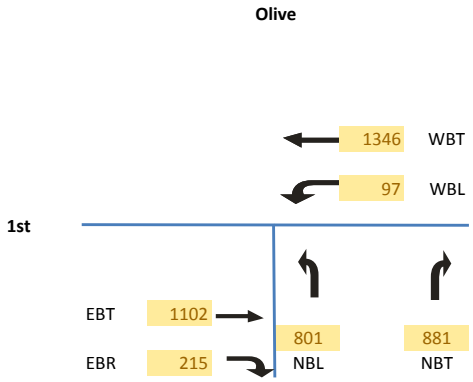
Lane capacity for NB Thru 1,425 vphpl

Number of lanes 3 NB Thru

NB Left & SB Right V/C $\frac{1{,}604}{4{,}275} = 0.375$

Intersections V/C = 0.310 + 0.563 - 0.1 = 0.773 LOS C

112 Olive & 1st Future With Project - Weekday Evening: Pre-Event Hour - Manual Adjustment 8/28/2011



1) Lane capacity for NB direction 900 vphpl

Number of lanes 2 NB Left
2 NB Right

NB Left/Right V/C $\frac{801}{1,800} = 0.445$ or $\frac{881}{1,800} = 0.489$
$= 0.489$

2) Lane capacity for WB Left 1,425 vphpl
Lane capacity for EB Thru/Right 1,425 vphpl

Number of lanes 1 WB Left
2 EB Thru
1 EB Thru/Right

WB Left & EB Thru/RT V/C $\frac{97}{1,425} + \frac{1,102 + 215}{4,275} = 0.376$

Or

Lane capacity for WBThru 1,425 vphpl

Number of lanes 3

WB Thru V/C $\frac{1,346}{4,275} = 0.315$

Lane capacity for EB Thru/Rights 1,425 vphpl

Intersections V/C = 0.489 + 0.376 - 0.1 = 0.765 LOS C

2 CMA Sheets For

Future With Project Compared to LACC Dark Conditions

Notes:

EXISTING CONDITIONS columns represent:
Existing Conditions With No LACC Event

EXISTING PLUS PROJECT columns not analyzed. Data not used.

FUTURE CONDITIONS W/O PROJECT columns represent:
Future Without Project Conditions With No LACC Event (Chapter 7)

FUTURE CONDITION W PROJECT columns represent:
Future With Project Conditions (with LACC Event) - same as Future With Project,
see Chapter 5

FUTURE W/PROJECT W/MITIGATION columns represent:
Future With Project Conditions (with LACC Event) – same as Future With Project With Mitigation,
see Chapter 10

Added Volume Column under EXISTING PLUS PROJECT represents:
Project Only Volumes for Existing With Project Conditions including street closure
(includes LACC Event)

Added Volume Column under FUTURE CONDITION W/O PROJECT represents:
Added Volumes for Related Projects

Added Volume Column under FUTURE CONDITION W PROJECT represents:
Project Only Volumes for Future With Project Conditions including street closure
(includes LACC Event)

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	1	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		11	0	11	0	11	11	29	40	0	**40**	0	40	0	40	0	40	0	40
	Left-Through			1							1				1				1	
	Through		28	1	20	0	28	20	22	50	1	45	0	50	1	45	0	50	1	45
	Through-Right			0							0				0				0	
	Right		86	1	**48**	47	133	**73**	8	95	1	18	105	200	1	**101**	0	200	1	**101**
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		8	0	**8**	0	8	**8**	0	8	0	**8**	0	8	0	**8**	0	8	0	**8**
	Left-Through			0							0				0				0	
	Through		2	0	23	0	2	23	0	2	0	**53**	0	2	0	53	0	2	0	53
	Through-Right			0							0				0				0	
	Right		13	0	0	0	13	0	30	43	0	0	0	43	0	0	0	43	0	0
	Left-Through-Right			1							1				1				1	
	Left-Right			0							0				0				0	
EASTBOUND	Left		146	1	**146**	114	260	**260**	41	189	1	**189**	114	303	1	**303**	0	303	1	**303**
	Left-Through			0							0				0				0	
	Through		748	3	249	470	1218	406	168	925	3	308	470	1395	3	465	0	1395	3	465
	Through-Right			0							0				0				0	
	Right		32	1	32	88	120	120	31	63	1	63	88	151	1	151	0	151	1	151
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		38	1	38	22	60	60	39	77	1	77	22	99	1	99	0	99	1	99
	Left-Through			0							0				0				0	
	Through		603	2	**228**	74	677	**263**	163	773	2	**304**	120	893	2	**354**	0	893	2	**354**
	Through-Right			1							1				1				1	
	Right		82	0	82	31	113	113	55	138	0	138	31	169	0	169	0	169	0	169
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		56	North-South:		81	North-South:			93	North-South:			109	North-South:			109
			East-West:		374	East-West:		523	East-West:			493	East-West:			657	East-West:			657
			SUM:		430	SUM:		604	SUM:			586	SUM:			766	SUM:			766
	VOLUME/CAPACITY (v/c) RATIO:				0.302			0.424				0.411				0.538				0.538
	v/c LESS ATSAC/ATCS ADJUSTMENT:				**0.202**			**0.324**				**0.311**				**0.438**				**0.438**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: **0.127** Δv/c after mitigation: **0.127**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	2	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
	Left-Through			1							1				1				1	
	Through		2	0	**11**	0	2	**11**	0	2	0	**11**	0	2	0	**11**	0	2	0	**11**
	Through-Right			0							0				0				0	
	Right		11	1	0	0	11	0	0	11	1	0	0	11	1	0	0	11	1	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		4	1	4	0	4	4	40	44	1	**44**	0	44	1	**44**	0	44	1	**44**
	Left-Through			0							0				0				0	
	Through		3	0	**37**	0	3	**37**	0	3	0	37	0	3	0	37	0	3	0	37
	Through-Right			0							1				1				1	
	Right		34	0	0	0	34	0	0	34	0	0	0	34	0	0	0	34	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		115	1	**115**	16	131	131	0	116	1	**116**	16	132	1	132	0	132	1	132
	Left-Through			0							0				0				0	
	Through		611	2	245	503	1114	**413**	176	794	2	306	562	1356	2	**494**	0	1356	2	**494**
	Through-Right			1							1				1				1	
	Right		124	0	124	0	124	124	0	125	0	125	0	125	0	125	0	125	0	125
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		47	1	47	217	264	**264**	0	48	1	48	217	265	1	**265**	0	265	1	**265**
	Left-Through			0							0				0				0	
	Through		704	2	**266**	126	830	352	257	969	2	**366**	173	1142	2	468	0	1142	2	468
	Through-Right			1							1				1				1	
	Right		93	0	93	133	226	226	35	129	0	129	133	262	0	262	0	262	0	262
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		48	North-South:		48	North-South:			55	North-South:			55	North-South:			55
			East-West:		381	East-West:		677	East-West:			482	East-West:			759	East-West:			759
			SUM:		429	SUM:		725	SUM:			537	SUM:			814	SUM:			814
	VOLUME/CAPACITY (v/c) RATIO:				0.312			0.527				0.391				0.592				0.592
	v/c LESS ATSAC/ATCS ADJUSTMENT:				**0.212**			**0.427**				**0.291**				**0.492**				**0.492**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: **0.201** Δv/c after mitigation: **0.201**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	3	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		138	1	**138**	60	198	**198**	120	260	1	**260**	60	320	1	**320**	0	320	1	**320**
	Left-Through			0							0				0				0	
	Through		462	4	116	58	520	130	472	940	4	235	50	990	4	248	0	990	4	248
	Through-Right			0							0				0				0	
	Right		84	1	59	0	84	54	48	133	1	95	0	133	1	90	0	133	1	90
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		122	1	**122**	125	247	**247**	12	135	1	**135**	125	260	1	**260**	0	260	1	**260**
	Left-Through			0							0				0				0	
	Through		416	3	139	85	501	167	168	589	3	196	85	674	3	225	0	674	3	225
	Through-Right			0							0				0				0	
	Right		95	1	0	292	387	189	36	132	1	0	350	482	1	162	0	482	1	162
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		50	1	50	10	60	60	25	76	1	76	10	86	1	86	0	86	1	86
	Left-Through			0							0				0				0	
	Through		706	3	**235**	415	1121	**374**	172	887	3	**296**	461	1348	3	**449**	0	1348	3	**449**
	Through-Right			0							0				0				0	
	Right		144	1	144	139	283	283	53	199	1	199	139	338	1	338	0	338	1	338
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		138	North-South:		198	North-South:			260	North-South:			320	North-South:			320
			East-West:		357	East-West:		621	East-West:			431	East-West:			709	East-West:			709
			SUM:		495	SUM:		819	SUM:			691	SUM:			1029	SUM:			1029
	VOLUME/CAPACITY (v/c) RATIO:				0.347			0.575				0.485				0.722				0.722
	v/c LESS ATSAC/ATCS ADJUSTMENT:				**0.247**			**0.475**				**0.385**				**0.622**				**0.622**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**B**				**B**

PROJECT IMPACT

Change in v/c due to project: **0.237** Δv/c after mitigation: **0.237**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	4	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		54	0	54	53	107	107	20	75	0	75	53	128	0	128	0	128	0	128
	Left-Through			1							1				1				1	
	Through		368	3	106	11	379	122	522	894	3	242	12	906	3	259	0	906	3	259
	Through-Right			0							0				0				0	
	Right		307	1	**307**	233	540	**540**	31	342	1	**342**	233	575	1	**575**	0	575	1	**575**
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through			0							0				0				0	
	Through		447	2	224	54	501	**251**	204	656	2	328	54	710	2	355	0	710	2	355
	Through-Right			0							0				0				0	
	Right		37	1	37	31	68	68	12	49	1	49	31	80	1	80	0	80	1	80
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		24	1	24	169	193	**193**	11	35	1	35	169	204	1	204	0	204	1	204
	Left-Through			0							0				0				0	
	Through		603	2	**302**	276	879	440	219	829	2	**415**	322	1151	2	**576**	0	1151	2	**576**
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		307	North-South:		540	North-South:			342	North-South:			575	North-South:			575
			East-West:		302	East-West:		444	East-West:			415	East-West:			576	East-West:			576
			SUM:		609	SUM:		984	SUM:			757	SUM:			1151	SUM:			1151
	VOLUME/CAPACITY (v/c) RATIO:				0.406			0.656				0.505				0.767				0.767
	v/c LESS ATSAC/ATCS ADJUSTMENT:				**0.306**			**0.556**				**0.405**				**0.667**				**0.667**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**B**				**B**

PROJECT IMPACT

Change in v/c due to project: **0.262** Δv/c after mitigation: **0.262**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	5	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	27	1	27	0	27	27	57	84	1	84	0	84	1	84	0	84	1	84
	Left-Through		0							0				0				0	
	Through	243	4	61	42	285	71	285	531	4	133	42	573	4	143	0	573	4	143
	Through-Right		0							0				0				0	
	Right	100	1	100	34	134	134	53	154	1	154	34	188	1	188	0	188	1	188
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	411	1	239	0	411	248	170	586	1	348	0	586	1	357	0	586	1	357
	Through-Right		1							1				1				1	
	Right	66	0	66	18	84	84	42	109	0	109	18	127	0	127	0	127	0	127
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	44	1	44	0	44	44	10	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	491	2	246	292	783	392	172	669	2	335	338	1007	2	504	0	1007	2	504
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		100	North-South:		134	North-South:			154	North-South:			188	North-South:			188
		East-West:		283	East-West:		392	East-West:			403	East-West:			504	East-West:			504
		SUM:		383	SUM:		526	SUM:			557	SUM:			692	SUM:			692
VOLUME/CAPACITY (V/C) RATIO:				0.255			0.351				0.371				0.461				0.461
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.155			0.251				0.271				0.361				0.361
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.090 | Δv/c after mitigation: 0.090
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	6	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	81	0	81	217	298	298	29	111	0	111	263	374	0	374	0	374	0	374
	Left-Through		1							1				1				1	
	Through	178	2	69	37	215	155	294	474	2	153	37	511	2	259	0	511	2	259
	Through-Right		1							1				1				1	
	Right	16	0	69	91	107	155	11	27	0	153	122	149	0	259	0	149	0	259
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	51	1	51	0	51	51	62	114	1	114	0	114	1	114	0	114	1	114
	Left-Through		0							0				0				0	
	Through	399	2	200	0	399	200	165	569	2	285	0	569	2	285	0	569	2	285
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	455	1	235	74	529	272	152	612	1	336	74	686	1	373	0	686	1	373
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	45	59	0	59	0	59	0	59	0	59	0	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		81	North-South:		298	North-South:			153	North-South:			374	North-South:			374
		East-West:		286	East-West:		323	East-West:			450	East-West:			487	East-West:			487
		SUM:		367	SUM:		621	SUM:			603	SUM:			861	SUM:			861
VOLUME/CAPACITY (V/C) RATIO:				0.245			0.414				0.402				0.574				0.574
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.145			0.314				0.302				0.474				0.474
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.172 | Δv/c after mitigation: 0.172
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	7	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	9	1	9	6	15	15	39	48	1	48	6	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	68	1	43	0	68	43	88	157	1	141	0	157	1	141	0	157	1	141
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	107	124	0	124	0	124	0	124	0	124	0	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	26	1	26	0	26	26	3	29	1	29	0	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	151	2	76	0	151	76	166	319	2	160	0	319	2	160	0	319	2	160
	Through-Right		0							0				0				0	
	Right	57	1	38	13	70	51	21	79	1	51	13	92	1	64	0	92	1	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	39	1	39	0	39	39	18	57	1	57	0	57	1	57	0	57	1	57
	Left-Through		0							0				0				0	
	Through	358	1	191	0	358	191	121	483	1	272	0	483	1	272	0	483	1	272
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	38	61	0	61	0	61	0	61	0	61	0	61
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	10	1	10	12	22	22	65	75	1	75	12	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	411	1	224	55	466	251	137	553	1	299	55	608	1	327	0	608	1	327
	Through-Right		1							1				1				1	
	Right	36	0	36	0	36	36	9	45	0	45	0	45	0	45	0	45	0	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		85	North-South:		91	North-South:			208	North-South:			214	North-South:			214
		East-West:		263	East-West:		290	East-West:			356	East-West:			384	East-West:			384
		SUM:		348	SUM:		381	SUM:			564	SUM:			598	SUM:			598
VOLUME/CAPACITY (V/C) RATIO:				0.232			0.254				0.376				0.399				0.399
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.132			0.154				0.276				0.299				0.299
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.023 | Δv/c after mitigation: 0.023
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	8	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	22	1	22	0	22	22	25	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	248	1	143	0	248	143	63	314	1	176	0	314	1	176	0	314	1	176
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	73	1	73	0	73	73	13	87	1	87	0	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	226	1	148	0	226	148	108	337	0	436	0	337	0	436	0	337	0	436
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	29	99	0	0	0	99	0	0	0	99	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	33	1	33	0	33	33	53	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	355	1	185	0	355	185	138	497	1	275	0	497	1	275	0	497	1	275
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	39	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	30	1	30	0	30	30	0	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	373	1	212	67	440	246	158	535	1	294	67	602	1	328	0	602	1	328
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	1	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		216	North-South:		216	North-South:			483	North-South:			483	North-South:			483
		East-West:		245	East-West:		279	East-West:			380	East-West:			414	East-West:			414
		SUM:		461	SUM:		495	SUM:			863	SUM:			897	SUM:			897
VOLUME/CAPACITY (V/C) RATIO:				0.307			0.330				0.575				0.598				0.598
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.207			0.230				0.475				0.498				0.498
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.023 | Δv/c after mitigation: 0.023
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	9	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	26	1	26	0	26	26	2	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	242	2	121	8	250	125	187	432	2	216	8	440	2	220	0	440	2	220
	Through-Right		0							0				0				0	
	Right	60	1	49	0	60	49	3	64	1	52	0	64	1	52	0	64	1	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	1	44	0	44	44	10	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	232	2	116	37	269	135	172	407	1	407	37	444	1	444	0	444	1	444
	Through-Right		0							0				0				0	
	Right	127	1	101	31	158	132	42	171	1	127	31	202	1	158	0	202	1	158
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	52	1	52	0	52	52	36	89	1	89	0	89	1	89	0	89	1	89
	Left-Through		0							0				0				0	
	Through	383	1	205	0	383	205	116	504	1	266	0	504	1	266	0	504	1	266
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	0	27	0	27	0	27	0	27	0	27	0	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	1	22	0	22	22	2	24	1	24	0	24	1	24	0	24	1	24
	Left-Through		0							0				0				0	
	Through	292	1	165	36	328	183	115	411	1	229	36	447	1	247	0	447	1	247
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	9	47	0	47	0	47	0	47	0	47	0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		165	North-South:		169	North-South:			435	North-South:			472	North-South:			472
		East-West:		227	East-West:		235	East-West:			318	East-West:			336	East-West:			336
		SUM:		392	SUM:		404	SUM:			753	SUM:			808	SUM:			808
VOLUME/CAPACITY (V/C) RATIO:				0.275			0.284				0.528				0.567				0.567
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.175			0.184				0.428				0.467				0.467
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.039 | Δv/c after mitigation: 0.039

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	10	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	33	1	33	0	33	33	5	38	1	38	0	38	1	38	0	38	1	38
	Left-Through		0							0				0				0	
	Through	188	1	137	0	188	137	12	202	1	144	0	202	1	144	0	202	1	144
	Through-Right		1							1				1				1	
	Right	85	0	85	0	85	85	0	86	0	86	0	86	0	86	0	86	0	86
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	93	1	93	0	93	93	0	94	1	94	0	94	1	94	0	94	1	94
	Left-Through		0							0				0				0	
	Through	222	1	149	0	222	149	26	251	1	164	0	251	1	164	0	251	1	164
	Through-Right		1							1				1				1	
	Right	75	0	75	0	75	75	0	76	0	76	0	76	0	76	0	76	0	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	48	1	48	0	48	48	0	49	1	49	0	49	1	49	0	49	1	49
	Left-Through		0							0				0				0	
	Through	349	1	207	0	349	207	118	471	1	270	0	471	1	270	0	471	1	270
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	3	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	36	1	36	0	36	36	0	36	1	36	0	36	1	36	0	36	1	36
	Left-Through		0							0				0				0	
	Through	253	1	153	36	289	171	118	374	1	214	36	410	1	232	0	410	1	232
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		230	North-South:		230	North-South:			238	North-South:			238	North-South:			238
		East-West:		243	East-West:		243	East-West:			306	East-West:			306	East-West:			306
		SUM:		473	SUM:		473	SUM:			544	SUM:			544	SUM:			544
VOLUME/CAPACITY (V/C) RATIO:				0.315			0.315				0.363				0.363				0.363
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.215			0.215				0.263				0.263				0.263
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	11	North-South Street:	Santee	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	30	0	30	0	30	30	0	30	0	30	0	30	0	30	0	30	0	30
	Left-Through		0							0				0				0	
	Through	65	0	162	0	65	162	0	66	0	164	0	66	0	164	0	66	0	164
	Through-Right		0							0				0				0	
	Right	67	0	0	0	67	0	0	68	0	0	0	68	0	0	0	68	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	0	17	0	17	17	2	19	0	19	0	19	0	19	0	19	0	19
	Left-Through		0							0				0				0	
	Through	64	0	197	0	64	197	0	65	0	201	0	65	0	201	0	65	0	201
	Through-Right		0							0				0				0	
	Right	116	0	0	0	116	0	0	117	0	0	0	117	0	0	0	117	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	382	1	243	0	382	243	118	505	1	305	0	505	1	305	0	505	1	305
	Through-Right		1							1				1				1	
	Right	103	0	103	0	103	103	0	104	0	104	0	104	0	104	0	104	0	104
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	178	1	104	36	214	122	118	298	1	165	36	334	1	183	0	334	1	183
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	1	31	0	31	0	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		227	North-South:		227	North-South:			231	North-South:			231	North-South:			231
		East-West:		265	East-West:		265	East-West:			327	East-West:			327	East-West:			327
		SUM:		492	SUM:		492	SUM:			558	SUM:			558	SUM:			558
VOLUME/CAPACITY (V/C) RATIO:				0.328			0.328				0.372				0.372				0.372
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.228			0.228				0.272				0.272				0.272
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	12	North-South Street:	Maple	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	54	1	54	0	54	54	2	57	1	57	0	57	1	57	0	57	1	57
	Left-Through		0							0				0				0	
	Through	169	0	231	0	169	231	2	173	0	236	0	173	0	236	0	173	0	236
	Through-Right		1							1				1				1	
	Right	62	0	0	0	62	0	0	63	0	0	0	63	0	0	0	63	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	38	1	38	0	38	38	0	38	1	38	0	38	1	38	0	38	1	38
	Left-Through		0							0				0				0	
	Through	190	0	265	0	190	265	0	192	0	268	0	192	0	268	0	192	0	268
	Through-Right		1							1				1				1	
	Right	75	0	0	0	75	0	0	76	0	0	0	76	0	0	0	76	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	68	1	68	0	68	68	0	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	255	0	255	0	255	255	116	374	1	374	0	374	1	374	0	374	1	374
	Through-Right		0							0				0				0	
	Right	133	1	106	0	133	106	4	139	1	111	0	139	1	111	0	139	1	111
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	1	14	0	14	14	0	14	1	14	0	14	1	14	0	14	1	14
	Left-Through		0							0				0				0	
	Through	102	0	139	36	138	175	116	219	0	256	36	255	0	292	0	255	0	292
	Through-Right		1							1				1				1	
	Right	37	0	0	0	37	0	0	37	0	0	0	37	0	0	0	37	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		319	North-South:		319	North-South:			325	North-South:			325	North-South:			325
		East-West:		269	East-West:		269	East-West:			388	East-West:			388	East-West:			388
		SUM:		588	SUM:		588	SUM:			713	SUM:			713	SUM:			713
VOLUME/CAPACITY (V/C) RATIO:				0.392			0.392				0.475				0.475				0.475
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.292			0.292				0.375				0.375				0.375
LEVEL OF SERVICE (LOS):				A			A				A				A				A

6

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	13	North-South Street:	Maple	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through		0							0				0				0	
	Through	157	0	264	0	157	264	2	161	0	269	0	161	0	269	0	161	0	269
	Through-Right		0							0				0				0	
	Right	89	0	0	0	89	0	0	90	0	0	0	90	0	0	0	90	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through		0							0				0				0	
	Through	142	0	205	0	142	205	0	144	0	207	0	144	0	207	0	144	0	207
	Through-Right		0							0				0				0	
	Right	41	0	0	0	41	0	0	41	0	0	0	41	0	0	0	41	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through		1							1				1				1	
	Through	345	0	236	6	351	239	151	500	0	325	6	506	0	328	0	506	0	328
	Through-Right		1							1				1				1	
	Right	103	0	236	0	103	239	0	104	0	325	0	104	0	328	0	104	0	328
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	88	0	88	0	88	88	0	89	0	89	0	89	0	89	0	89	0	89
	Left-Through		1							1				1				1	
	Through	235	0	237	0	235	237	0	238	0	302	0	238	0	302	0	238	0	302
	Through-Right		1							1				1				1	
	Right	63	0	237	0	63	237	0	64	0	0	0	64	0	0	0	64	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		286	North-South:		286	North-South:			291	North-South:			291	North-South:			291
		East-West:		324	East-West:		327	East-West:			414	East-West:			417	East-West:			417
		SUM:		610	SUM:		613	SUM:			705	SUM:			708	SUM:			708
VOLUME/CAPACITY (v/c) RATIO:				0.407			0.409				0.470				0.472				0.472
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.307			0.309				0.370				0.372				0.372
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.002 | Δv/c after mitigation: 0.002 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	14	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	67	1	67	0	67	67	0	68	1	68	0	68	1	68	0	68	1	68
	Left-Through		0							0				0				0	
	Through	337	1	216	0	337	216	3	344	1	220	0	344	1	220	0	344	1	220
	Through-Right		1							1				1				1	
	Right	94	0	94	0	94	94	0	95	0	95	0	95	0	95	0	95	0	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	1	36	0	36	36	0	36	1	36	0	36	1	36	0	36	1	36
	Left-Through		0							0				0				0	
	Through	252	1	154	0	252	154	0	255	1	156	0	255	1	156	0	255	1	156
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	48	0	48	0	48	48	0	49	0	49	0	49	0	49	0	49	0	49
	Left-Through		1							1				1				1	
	Through	211	0	187	6	217	190	149	363	0	265	6	369	0	268	0	369	0	268
	Through-Right		1							1				1				1	
	Right	66	0	187	0	66	190	2	69	0	265	0	69	0	268	0	69	0	268
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	46	0	46	43	89	89	0	47	0	47	43	90	0	90	0	90	0	90
	Left-Through		1							1				1				1	
	Through	345	0	230	0	345	252	0	349	0	258	0	349	0	301	0	349	0	301
	Through-Right		1							1				1				1	
	Right	69	0	230	0	69	252	2	72	0	258	0	72	0	301	0	72	0	301
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		252	North-South:		252	North-South:			256	North-South:			256	North-South:			256
		East-West:		278	East-West:		300	East-West:			312	East-West:			358	East-West:			358
		SUM:		530	SUM:		552	SUM:			568	SUM:			614	SUM:			614
VOLUME/CAPACITY (v/c) RATIO:				0.353			0.368				0.379				0.409				0.409
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.253			0.268				0.279				0.309				0.309
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.030 | Δv/c after mitigation: 0.030 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	15	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Chick Hearn Ct	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	94	1	94	-94	0	0	0	95	1	95	-95	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	337	2	163	-40	297	99	30	371	2	181	-70	301	2	100	0	301	2	100
	Through-Right		1							1				1				1	
	Right	151	0	151	-151	0	0	19	172	0	172	-172	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	82	0	82	0	82	82	0	83	0	83	0	83	0	83	0	83	0	83
	Left-Through		1							1				1				1	
	Through	56	0	70	126	182	204	38	95	1	99	87	182	0	208	0	182	1	208
	Through-Right		1							1				1				1	
	Right	14	0	0	129	143	204	5	19	0	99	131	150	0	208	0	150	0	208
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	10	1	10	-10	0	0	0	10	1	10	-10	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	62	2	31	-21	41	21	92	155	2	78	-108	47	2	24	0	47	2	24
	Through-Right		0							0				0				0	
	Right	34	1	34	-29	5	5	32	66	1	66	-59	7	1	7	0	7	1	7
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		163	North-South:		99	North-South:			181	North-South:			100	North-South:			100
		East-West:		116	East-West:		204	East-West:			161	East-West:			208	East-West:			208
		SUM:		279	SUM:		303	SUM:			342	SUM:			308	SUM:			308
VOLUME/CAPACITY (v/c) RATIO:				0.186			0.202				0.228				0.205				0.205
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.093			0.102				0.128				0.105				0.105
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: -0.023 | Δv/c after mitigation: -0.023 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	16	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 3 WB-- 3 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	37	1	37	-37	0	0	61	98	1	98	-98	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	603	3	155	94	697	179	596	1206	3	306	156	1362	3	345	0	1362	3	345
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	94	1	64	348	442	221	61	156	1	95	406	562	1	281	0	562	1	281
	Through-Right		1							1				1				1	
	Right	34	0	34	-34	0	0	0	34	0	34	-34	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	26	2	14	-26	0	0	0	26	2	14	-26	0	2	0	0	0	2	0
	Left-Through		0							0				0				0	
	Through	30	1	30	-30	0	0	0	30	1	30	-30	0	1	0	0	0	1	0
	Through-Right		0							0				0				0	
	Right	47	1	10	-47	0	0	57	105	1	7	-105	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	47	1	47	9	56	56	0	48	1	48	9	57	1	57	0	57	1	57
	Left-Through		0							0				0				0	
	Through	189	2	95	-189	0	0	75	266	2	133	-237	29	2	15	0	29	2	15
	Through-Right		0							0				0				0	
	Right	94	1	91	2	96	93	45	140	1	137	2	142	1	139	0	142	1	139
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		158	North-South:		221	North-South:			309	North-South:			348	North-South:			348
		East-West:		109	East-West:		93	East-West:			151	East-West:			139	East-West:			139
		SUM:		267	SUM:		314	SUM:			460	SUM:			487	SUM:			487
VOLUME/CAPACITY (v/c) RATIO:				0.194			0.228				0.335				0.354				0.354
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.097			0.128				0.235				0.254				0.254
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.019 | Δv/c after mitigation: 0.019 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	17	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3				3				3				3				3				3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	207	3	69	59	266	89	528	737	3	**246**	60	797	3	**266**	0	797	3	**266**
	Through-Right		0							0				0				0	
	Right	188	1	**188**	-1	187	**187**	17	207	1	207	-1	206	1	206	0	206	1	206
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	50	1	50	-30	20	20	0	51	1	**51**	-48	3	1	**3**	0	3	1	**3**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	1	14	0	14	14	179	193	1	**193**	0	193	1	**193**	0	193	1	**193**
	Left-Through		0							0				0				0	
	Through	147	2	**74**	-44	103	**52**	103	252	2	126	-90	162	2	81	0	162	2	81
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		188	*North-South:*		187	*North-South:*			246	*North-South:*			266	*North-South:*			266
		East-West:		74	*East-West:*		52	*East-West:*			244	*East-West:*			196	*East-West:*			196
		SUM:		262	*SUM:*		239	*SUM:*			490	*SUM:*			462	*SUM:*			462
VOLUME/CAPACITY (*V/C*) RATIO:				0.184			0.168				0.344				0.324				0.324
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.092			0.084				0.244				0.224				0.224
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: -0.020 | *Δv/c* after mitigation: -0.020

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	18	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	290	3	**86**	59	349	**101**	315	608	3	**171**	60	668	3	**186**	0	668	3	**186**
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	22	76	0	76	0	76	0	76	0	76	0	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	28	1	28	282	310	**310**	168	196	1	196	282	478	1	**478**	0	478	1	**478**
	Left-Through		0							0				0				0	
	Through	134	2	**67**	21	155	78	285	421	2	**211**	-25	396	2	198	0	396	2	198
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		86	*North-South:*		101	*North-South:*			171	*North-South:*			186	*North-South:*			186
		East-West:		67	*East-West:*		310	*East-West:*			211	*East-West:*			478	*East-West:*			478
		SUM:		153	*SUM:*		411	*SUM:*			382	*SUM:*			664	*SUM:*			664
VOLUME/CAPACITY (*V/C*) RATIO:				0.102			0.274				0.255				0.443				0.443
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.051			0.174				0.155				0.343				0.343
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.188 | *Δv/c* after mitigation: 0.188

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	19	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	48	0	48	307	355	**355**	255	304	0	**304**	307	611	0	**611**	0	611	0	**611**
	Left-Through		1							1				1				1	
	Through	263	3	**78**	385	648	216	334	600	3	200	416	1016	3	339	0	1016	3	339
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	112	2	**56**	-5	107	54	181	294	2	**147**	-50	244	2	122	0	244	2	122
	Through-Right		0							0				0				0	
	Right	8	1	8	73	81	**81**	0	8	1	8	119	127	1	**127**	0	127	1	**127**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		78	*North-South:*		355	*North-South:*			304	*North-South:*			611	*North-South:*			611
		East-West:		56	*East-West:*		81	*East-West:*			147	*East-West:*			127	*East-West:*			127
		SUM:		134	*SUM:*		436	*SUM:*			451	*SUM:*			738	*SUM:*			738
VOLUME/CAPACITY (*V/C*) RATIO:				0.089			0.291				0.301				0.492				0.492
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.045			0.191				0.201				0.392				0.392
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.191 | *Δv/c* after mitigation: 0.191

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	20	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3				3				3				3				3				3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	2	1	2	0	2	**2**	0	2	1	2	0	2	1	2	0	2	1	2
	Left-Through		0							0				0				0	
	Through	644	3	**163**	52	696	176	493	1145	3	**296**	52	1197	3	**309**	0	1197	3	**309**
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	30	38	0	38	0	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	1	**9**	0	9	9	8	17	1	**17**	0	17	1	**17**	0	17	1	**17**
	Left-Through		0							0				0				0	
	Through	158	2	79	298	456	**228**	54	214	2	107	298	512	2	256	0	512	2	256
	Through-Right		0							0				0				0	
	Right	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	1	**0**	0	0	**0**	0	0	1	**0**	0	0	1	**0**	0	0	1	**0**
	Left-Through		0							0				0				0	
	Through	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Through-Right		0							0				0				0	
	Right	1	1	0	0	1	0	0	1	1	0	0	1	1	0	0	1	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	0	0	**13**	0	0	**13**	0	0	0	**13**	0	0	0	**13**	0	0	0	**13**
	Through-Right		1							1				1				1	
	Right	13	0	0	0	13	0	0	13	0	0	0	13	0	0	0	13	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		172	*North-South:*		230	*North-South:*			313	*North-South:*			326	*North-South:*			326
		East-West:		13	*East-West:*		13	*East-West:*			13	*East-West:*			13	*East-West:*			13
		SUM:		185	*SUM:*		243	*SUM:*			326	*SUM:*			339	*SUM:*			339
VOLUME/CAPACITY (*V/C*) RATIO:				0.130			0.171				0.229				0.238				0.238
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.065			0.085				0.129				0.138				0.138
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.009 | *Δv/c* after mitigation: 0.009

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	21	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	EB--	SB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	57	1	57	0	57	57	115	173	1	173	0	173	1	173	0	173	1	173
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	192	2	72	29	221	82	481	675	2	233	11	686	2	237	0	686	2	237
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	17	1	9	0	17	9	38	55	1	28	0	55	1	28	0	55	1	28
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	72		North-South:	82		North-South:		233		North-South:		237		North-South:		237
		East-West:	9		East-West:	9		East-West:		28		East-West:		28		East-West:		28
		SUM:	81		SUM:	91		SUM:		261		SUM:		265		SUM:		265
VOLUME/CAPACITY (V/C) RATIO:			0.054			0.061				0.174				0.177				0.177
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.027			0.030				0.087				0.088				0.088
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 — Δv/c after mitigation: 0.001

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	22	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	EB--	SB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	50	0	50	0	50	50	29	80	0	80	0	80	0	80	0	80	0	80
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	270	3	80	45	315	91	393	666	3	187	45	711	3	198	0	711	3	198
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	50	1	40	0	50	40	157	208	1	137	0	208	1	137	0	208	1	137
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	29	0	29	0	29	29	37	66	0	66	0	66	0	66	0	66	0	66
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	80		North-South:	91		North-South:		187		North-South:		198		North-South:		198
		East-West:	40		East-West:	40		East-West:		137		East-West:		137		East-West:		137
		SUM:	120		SUM:	131		SUM:		324		SUM:		335		SUM:		335
VOLUME/CAPACITY (V/C) RATIO:			0.080			0.087				0.216				0.223				0.223
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.040			0.044				0.116				0.123				0.123
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.007 — Δv/c after mitigation: 0.007

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	23	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	EB--	SB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	267	3	89	781	1048	349	505	775	3	258	812	1587	3	529	0	1587	3	529
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	10	1	10	1	11	11	0	10	1	10	1	11	1	11	0	11	1	11
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	36	0	36	0	36	36	89	125	0	125	0	125	0	125	0	125	0	125
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	61	1	49	0	61	49	97	159	1	142	0	159	1	142	0	159	1	142
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	89		North-South:	349		North-South:		258		North-South:		529		North-South:		529
		East-West:	49		East-West:	49		East-West:		142		East-West:		142		East-West:		142
		SUM:	138		SUM:	398		SUM:		400		SUM:		671		SUM:		671
VOLUME/CAPACITY (V/C) RATIO:			0.092			0.265				0.267				0.447				0.447
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.046			0.165				0.167				0.347				0.347
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.180 — Δv/c after mitigation: 0.180

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	24	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	EB--	SB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	1	1	1	1
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	546	2	300	124	670	369	0	553	2	304	124	677	2	372	0	677	2	372
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	451	2	226	250	701	351	49	505	2	253	196	701	2	351	0	701	2	351
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	102	1	102	395	497	497	34	137	1	137	427	564	1	564	0	564	1	564
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	28	2	15	-28	0	0	5	33	2	18	-33	0	2	0	0	0	2	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	3	2	0	171	174	96	0	3	2	0	171	174	2	96	0	174	2	96
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	112	1	112	-112	0	0	0	113	1	113	-113	0	1	0	0	0	1	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	305	3	102	127	432	144	84	393	3	131	127	520	3	173	0	520	3	173
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	235	2	118	95	330	165	97	335	2	168	95	430	2	215	0	430	2	215
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	43	1	36	51	94	94	0	44	1	35	51	95	1	95	0	95	1	95
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	315		North-South:	593		North-South:		322		North-South:		660		North-South:		660
		East-West:	230		East-West:	165		East-West:		281		East-West:		215		East-West:		215
		SUM:	545		SUM:	758		SUM:		603		SUM:		875		SUM:		875
VOLUME/CAPACITY (V/C) RATIO:			0.382			0.532				0.423				0.614				0.614
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.282			0.432				0.323				0.514				0.514
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.191 — Δv/c after mitigation: 0.191

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	25	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	Bond	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				2			2			2			2			2			2			2
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	2	EB--	0	WB--	2	EB--	0	WB--	2	EB--	0	WB--	2	EB--	0	WB--	2	EB--	0	WB--	2
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	79	79	0	0	0	0	0	79	79	0	0	0	79	0	0
	Left-Through		0							0				0				0	
	Through	1078	3	359	926	2004	668	84	1175	3	392	907	2082	3	694	0	2082	3	694
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through		1							1				1				1	
	Through	0	0	2	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	2	0	15	0	2	2	0	2	0	15	0	2	0	2	0	2	0	2
	Through-Right		1							1				1				1	
	Right	28	1	0	-28	0	0	0	28	1	0	-28	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		359	North-South:		668	North-South:			392	North-South:			694	North-South:			694
		East-West:		17	East-West:		4	East-West:			17	East-West:			4	East-West:			4
		SUM:		376	SUM:		672	SUM:			409	SUM:			698	SUM:			698
VOLUME/CAPACITY (V/C) RATIO:				0.264			0.472				0.287				0.490				0.490
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.164			0.372				0.187				0.390				0.390
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.203 | Δv/c after mitigation: 0.203

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	26	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4			4			4			4			4			4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3
	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	61	1	61	45	106	106	5	67	1	67	45	112	1	112	0	112	1	112
	Left-Through		0							0				0				0	
	Through	540	3	147	34	574	174	419	966	3	258	34	1000	3	285	0	1000	3	285
	Through-Right		1							1				1				1	
	Right	46	0	46	74	120	120	17	64	0	64	74	138	0	138	0	138	0	138
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	14	1	14	0	14	14	6	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	155	2	78	298	453	227	13	170	2	85	298	468	2	234	0	468	2	234
	Through-Right		0							0				0				0	
	Right	15	1	0	0	15	0	22	37	1	0	0	37	1	0	0	37	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	65	1	65	17	82	82	62	128	1	128	17	145	1	145	0	145	1	145
	Left-Through		0							0				0				0	
	Through	299	2	150	382	681	341	65	368	2	184	414	782	2	391	0	782	2	391
	Through-Right		0							0				0				0	
	Right	77	1	16	48	125	19	9	87	1	20	48	135	1	23	0	135	1	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	43	1	43	0	43	43	31	75	1	75	0	75	1	75	0	75	1	75
	Left-Through		0							0				0				0	
	Through	208	2	104	101	309	155	69	280	2	140	101	381	2	191	0	381	2	191
	Through-Right		0							0				0				0	
	Right	38	1	31	0	38	31	3	41	1	31	0	41	1	31	0	41	1	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		161	North-South:		333	North-South:			278	North-South:			346	North-South:			346
		East-West:		193	East-West:		384	East-West:			268	East-West:			466	East-West:			466
		SUM:		354	SUM:		717	SUM:			546	SUM:			812	SUM:			812
VOLUME/CAPACITY (V/C) RATIO:				0.257			0.521				0.397				0.591				0.591
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.157			0.421				0.297				0.491				0.491
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.194 | Δv/c after mitigation: 0.194

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	27	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	2	0	0	0	2	0	15	17	0	0	0	17	0	0	0	17	0	0
	Left-Through		0							0				0				0	
	Through	157	2	64	-14	143	72	492	651	2	236	-32	619	2	240	0	619	2	240
	Through-Right		1							1				1				1	
	Right	34	0	34	43	77	77	24	58	0	58	43	101	0	101	0	101	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	310	1	183	399	709	404	127	441	1	253	430	871	1	490	0	871	1	490
	Through-Right		1							1				1				1	
	Right	55	0	55	44	99	99	8	64	0	64	44	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	13	0	13	0	13	13	-13	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		1							0				0				0	
	Through	265	1	146	66	331	192	82	350	2	175	66	416	2	208	0	416	2	208
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		64	North-South:		77	North-South:			236	North-South:			240	North-South:			240
		East-West:		196	East-West:		417	East-West:			253	East-West:			490	East-West:			490
		SUM:		260	SUM:		494	SUM:			489	SUM:			730	SUM:			730
VOLUME/CAPACITY (V/C) RATIO:				0.173			0.329				0.326				0.487				0.487
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.087			0.229				0.226				0.387				0.387
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.161 | Δv/c after mitigation: 0.161

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	28	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	0	11	0	11	11	10	21	0	21	0	21	0	21	0	21	0	21
	Left-Through		1							1				1				1	
	Through	253	2	73	3	256	84	385	641	2	181	3	644	2	192	0	644	2	192
	Through-Right		1							1				1				1	
	Right	28	0	73	39	67	84	35	63	0	181	39	102	0	192	0	102	0	192
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	250	1	143	173	423	230	118	371	1	211	204	575	1	313	0	575	1	313
	Through-Right		1							1				1				1	
	Right	36	0	36	0	36	36	15	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	0	14	0	14	14	16	30	0	30	0	30	0	30	0	30	0	30
	Left-Through		1							1				1				1	
	Through	229	1	122	195	424	226	50	282	1	171	195	477	1	299	0	477	1	299
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		73	North-South:		84	North-South:			181	North-South:			192	North-South:			192
		East-West:		157	East-West:		244	East-West:			241	East-West:			343	East-West:			343
		SUM:		230	SUM:		328	SUM:			422	SUM:			535	SUM:			535
VOLUME/CAPACITY (V/C) RATIO:				0.153			0.219				0.281				0.357				0.357
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.077			0.119				0.181				0.257				0.257
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.076 | Δv/c after mitigation: 0.076

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	29	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 1	SB--	0	NB--	1 SB--	0	NB--	1 SB--	0	NB--		SB--	0	NB--	1 SB--	0	NB--	1 SB--	0	NB--		SB--	0
	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--		WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--		WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2				2				2
Override Capacity			0			0			0				0			0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	33	0	33	159	192	192	16	49	0	49	159	208	0	208	0	208	0	208
	Left-Through		1							1				1				1	
	Through	241	3	**69**	746	987	**295**	463	707	3	**189**	746	1453	3	**415**	0	1453	3	**415**
	Through-Right		0							0				0				0	
	Right	16	1	16	79	95	95	31	47	1	47	79	126	1	126	0	126	1	126
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	15	0	15	112	127	127	38	53	0	53	143	196	0	196	0	196	0	196
	Left-Through		1							1				1				1	
	Through	248	1	**132**	62	310	**282**	90	341	1	**197**	62	403	1	**398**	0	403	1	**398**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	208	1	110	35	243	153	51	262	1	140	35	297	1	183	0	297	1	183
	Through-Right		1							1				1				1	
	Right	12	0	12	51	63	63	5	17	0	17	51	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		69	North-South:		295	North-South:			189	North-South:			415	North-South:			415
		East-West:		132	East-West:		282	East-West:			197	East-West:			398	East-West:			398
		SUM:		201	SUM:		577	SUM:			386	SUM:			813	SUM:			813
VOLUME/CAPACITY (V/C) RATIO:				0.134			0.385				0.257				0.542				0.542
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.067			0.285				0.157				0.442				0.442
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.285 Δv/c after mitigation: 0.285

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	30	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--		SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--		SB--	0
	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--		WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--		WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2				2				2
Override Capacity			0			0			0				0			0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	13	1	**13**	25	38	38	4	17	1	**17**	25	42	1	42	0	42	1	42
	Left-Through		0							0				0				0	
	Through	78	1	45	701	779	**395**	78	157	1	85	701	858	1	**436**	0	858	1	**436**
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	2	13	0	13	0	13	0	13	0	13	0	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	8	1	8	0	8	**8**	6	14	1	14	0	14	1	**14**	0	14	1	**14**
	Left-Through		0							0				0				0	
	Through	148	1	**85**	3	151	86	168	318	1	**174**	3	321	1	176	0	321	1	176
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	9	30	0	30	0	30	0	30	0	30	0	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	6	0	6	49	55	**55**	8	14	0	14	49	63	0	**63**	0	63	0	**63**
	Left-Through		1							1				1				1	
	Through	241	0	**132**	6	247	187	89	333	0	**193**	6	339	0	252	0	339	0	252
	Through-Right		1							1				1				1	
	Right	16	0	132	0	16	187	23	39	0	193	0	39	0	252	0	39	0	252
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	8	0	**8**	11	19	19	1	9	0	**9**	11	20	0	20	0	20	0	20
	Left-Through		1							1				1				1	
	Through	189	0	102	94	283	**183**	42	233	0	133	94	327	0	**220**	0	327	0	**220**
	Through-Right		1							1				1				1	
	Right	6	0	102	58	64	183	9	15	0	133	58	73	0	220	0	73	0	220
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		98	North-South:		403	North-South:			191	North-South:			450	North-South:			450
		East-West:		140	East-West:		238	East-West:			202	East-West:			283	East-West:			283
		SUM:		238	SUM:		641	SUM:			393	SUM:			733	SUM:			733
VOLUME/CAPACITY (V/C) RATIO:				0.159			0.427				0.262				0.489				0.489
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.079			0.327				0.162				0.389				0.389
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.227 Δv/c after mitigation: 0.227

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	31	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--		SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--		SB--	0
	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--		WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--		WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2				2				2
Override Capacity			0			0			0				0			0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	30	1	**30**	83	113	**113**	0	30	1	**30**	83	113	1	**113**	0	113	1	**113**
	Left-Through		0							0				0				0	
	Through	250	1	137	41	291	158	65	318	1	171	41	359	1	192	0	359	1	192
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	1	11	0	11	11	0	11	1	11	0	11	1	11	0	11	1	11
	Left-Through		0							0				0				0	
	Through	202	1	**118**	0	202	**117**	122	326	1	**184**	0	326	1	**183**	0	326	1	**183**
	Through-Right		1							1				1				1	
	Right	33	0	33	-1	32	32	8	41	0	41	-1	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	40	1	40	0	40	**40**	17	57	1	57	0	57	1	**57**	0	57	1	**57**
	Left-Through		0							0				0				0	
	Through	211	1	**211**	6	217	217	80	294	1	**294**	6	300	1	300	0	300	1	300
	Through-Right		0							1				1				1	
	Right	22	1	7	0	22	0	0	22	1	7	0	22	1	0	0	22	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	16	1	**16**	0	16	16	0	16	1	**16**	0	16	1	16	0	16	1	16
	Left-Through		0							0				0				0	
	Through	137	0	157	81	218	**238**	44	183	0	203	81	264	0	**284**	0	264	0	**284**
	Through-Right		1							1				1				1	
	Right	20	0	0	0	20	0	0	20	0	0	0	20	0	0	0	20	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		148	North-South:		230	North-South:			214	North-South:			296	North-South:			296
		East-West:		227	East-West:		278	East-West:			310	East-West:			341	East-West:			341
		SUM:		375	SUM:		508	SUM:			524	SUM:			637	SUM:			637
VOLUME/CAPACITY (V/C) RATIO:				0.250			0.339				0.349				0.425				0.425
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.150			0.239				0.249				0.325				0.325
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.076 Δv/c after mitigation: 0.076

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	32	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--		SB--	0	NB--	0 SB--	0	NB--	0 SB--	0	NB--		SB--	0
	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--		WB--	0	EB--	0 WB--	0	EB--	0 WB--	0	EB--		WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2				2				2
Override Capacity			0			0			0				0			0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	25	1	**25**	0	25	**25**	0	25	1	**25**	0	25	1	**25**	0	25	1	**25**
	Left-Through		0							0				0				0	
	Through	242	1	**140**	3	245	**142**	112	357	2	179	3	360	2	180	0	360	2	180
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	0	38	1	38	0	38	1	38	0	38	1	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	15	1	**15**	0	15	**15**	0	15	1	15	0	15	1	15	0	15	1	15
	Left-Through		0							0				0				0	
	Through	193	1	111	22	215	130	121	316	0	**353**	22	338	0	**390**	0	338	0	**390**
	Through-Right		1							1				1				1	
	Right	29	0	29	15	44	44	8	37	0	0	15	52	0	0	0	52	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	42	1	**42**	6	48	**48**	37	80	1	**80**	6	86	1	**86**	0	86	1	**86**
	Left-Through		0							0				0				0	
	Through	156	1	190	0	156	190	43	201	0	235	0	201	0	235	0	201	0	235
	Through-Right		1							1				1				1	
	Right	34	0	0	0	34	0	0	34	0	0	0	34	0	0	0	34	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through		0							0				0				0	
	Through	162	0	**222**	66	228	**288**	36	200	0	**262**	66	266	0	**328**	0	266	0	**328**
	Through-Right		1							1				1				1	
	Right	52	0	0	0	52	0	1	54	0	0	0	54	0	0	0	54	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		155	North-South:		157	North-South:			378	North-South:			415	North-South:			415
		East-West:		264	East-West:		336	East-West:			342	East-West:			414	East-West:			414
		SUM:		419	SUM:		493	SUM:			720	SUM:			829	SUM:			829
VOLUME/CAPACITY (V/C) RATIO:				0.279			0.329				0.480				0.553				0.553
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.179			0.229				0.380				0.453				0.453
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.073 Δv/c after mitigation: 0.073

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	33	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	0	SB--	EB--	0	WB--
No. of Phases			4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			1			1
Right Turns: FREE-1, NRTOR-2 or OLA-3?			0			0
ATSAC-1 or ATSAC+ATCS-2?			2			2
Override Capacity			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	139	0	139	0	139	139	21	162	0	162	0	162	0	162	0	162	0	162
	Left-Through		0							0				0				0	
	Through	1	0	**140**	0	1	140	0	1	0	163	0	1	0	163	0	1	0	163
	Through-Right		0							0				0				0	
	Right	195	1	136	220	415	**356**	72	269	1	**189**	220	489	1	**409**	0	489	1	**409**
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through		0							0				0				0	
	Through	51	0	**61**	0	51	**61**	0	52	0	**62**	0	52	0	**62**	0	52	0	**62**
	Through-Right		0							0				0				0	
	Right	2	0	0	0	2	0	0	2	0	0	0	2	0	0	0	2	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	2	1	2	0	2	2	0	2	1	2	0	2	1	2	0	2	1	2
	Left-Through		0							0				0				0	
	Through	572	2	**229**	452	1024	**380**	162	741	2	**287**	452	1193	2	**437**	0	1193	2	**437**
	Through-Right		1							1				1				1	
	Right	115	0	115	0	115	115	3	119	0	119	0	119	0	119	0	119	0	119
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	118	1	**118**	0	118	**118**	41	160	1	**160**	0	160	1	**160**	0	160	1	**160**
	Left-Through		0							0				0				0	
	Through	503	2	173	74	577	197	184	693	2	236	120	813	2	276	0	813	2	276
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		201	North-South:		417	North-South:			251	North-South:			471	North-South:			471
		East-West:		347	East-West:		498	East-West:			447	East-West:			597	East-West:			597
		SUM:		548	SUM:		915	SUM:			698	SUM:			1068	SUM:			1068
VOLUME/CAPACITY (V/C) RATIO:				0.399			0.665				0.508				0.777				0.777
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.299			0.565				0.408				0.677				0.677
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.269 — Δv/c after mitigation: 0.269

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	34	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	SR 110 SB Off-Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	0	SB--	EB--	0	WB--
No. of Phases			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?			0			0
ATSAC-1 or ATSAC+ATCS-2?			1			1
Override Capacity			2			2
			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	292	2	**146**	0	292	**146**	44	340	2	**170**	0	340	2	**170**	0	340	1	**170**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	1	0	0	0	0	0	0	2	0	0	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	134	1	134	851	985	**985**	37	173	1	173	853	1026	1	**1026**	0	1026	1	**559**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	559
	Through-Right		0							0				0				0	
	Right	336	2	**185**	220	556	306	92	432	2	**238**	220	652	2	359	0	652	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		146	North-South:		146	North-South:			170	North-South:			170	North-South:			170
		East-West:		185	East-West:		985	East-West:			238	East-West:			1026	East-West:			559
		SUM:		331	SUM:		1131	SUM:			408	SUM:			1196	SUM:			729
VOLUME/CAPACITY (V/C) RATIO:				0.221			0.754				0.272				0.797				0.486
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.121			0.654				0.172				0.697				0.386
LEVEL OF SERVICE (LOS):				A			B				A				B				A

PROJECT IMPACT

Change in v/c due to project: 0.525 — Δv/c after mitigation: 0.214

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	35	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	0	SB--	EB--	0	WB--
No. of Phases			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			2			2
Right Turns: FREE-1, NRTOR-2 or OLA-3?			0			0
ATSAC-1 or ATSAC+ATCS-2?			2			2
Override Capacity			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	80	1	44	311	391	215	37	118	1	65	313	431	1	237	0	431	1	431
	Left-Through		1							1				1				1	
	Through	303	0	**351**	540	843	**891**	44	351	0	**400**	540	891	0	**940**	0	891	1	**446**
	Through-Right		1							1				1				1	
	Right	48	0	48	0	48	48	0	49	0	49	0	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	78	1	78	-78	0	0	6	85	1	85	-85	0	1	0	0	0	1	0
	Through-Right		0							0				0				0	
	Right	150	1	**150**	0	150	**150**	0	152	1	**152**	0	152	1	**152**	0	152	1	**152**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	55	0	55	-55	0	0	86	142	0	**142**	-93	49	0	49	0	49	1	49
	Left-Through		1							1				1				1	
	Through	101	1	**78**	-62	39	**20**	6	108	1	108	108	216	1	**133**	0	216	0	**216**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		351	North-South:		891	North-South:			400	North-South:			940	North-South:			446
		East-West:		228	East-West:		170	East-West:			294	East-West:			285	East-West:			368
		SUM:		579	SUM:		1061	SUM:			694	SUM:			1225	SUM:			814
VOLUME/CAPACITY (V/C) RATIO:				0.406			0.745				0.487				0.860				0.571
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.306			0.645				0.387				0.760				0.471
LEVEL OF SERVICE (LOS):				A			B				A				C				A

PROJECT IMPACT

Change in v/c due to project: 0.373 — Δv/c after mitigation: 0.084

Significant impacted? YES — Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	36	North-South Street:	Convention Center Drive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	0	SB--	EB--	0	WB--
No. of Phases			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?			0			3
ATSAC-1 or ATSAC+ATCS-2?			3			2
Override Capacity			2			0
			0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	6	1	**4**	64	70	**39**	0	6	1	**4**	65	71	1	**39**	0	71	1	**39**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	5	1	0	18	23	2	0	5	1	0	18	23	1	2	0	23	1	2
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	8	1	8	34	42	**42**	0	8	1	**8**	34	42	1	**42**	0	42	1	**42**
	Left-Through		0							0				0				0	
	Through	314	2	**157**	166	480	240	31	349	2	175	186	535	2	268	0	535	2	268
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	279	2	140	3	282	141	59	341	2	**171**	3	344	2	172	0	344	2	172
	Through-Right		0							0				0				0	
	Right	25	1	21	450	475	**436**	13	38	1	34	452	490	1	**451**	0	490	1	**451**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		4	North-South:		39	North-South:			4	North-South:			39	North-South:			39
		East-West:		157	East-West:		478	East-West:			179	East-West:			493	East-West:			493
		SUM:		161	SUM:		517	SUM:			183	SUM:			532	SUM:			532
VOLUME/CAPACITY (V/C) RATIO:				0.107			0.345				0.122				0.355				0.355
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.054			0.245				0.061				0.255				0.255
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.194 — Δv/c after mitigation: 0.194

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	37	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 3, EB-- 3 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	59	1	**59**	51	110	**110**	0	60	1	60	51	111	1	**111**	0	111	1	**111**
	Left-Through		0							0				0				0	
	Through	536	3	145	99	635	170	315	857	3	**226**	100	957	3	251	0	957	3	251
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	1	45	0	45	0	45	0	45	0	45	0	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	1	11	2	13	13	4	15	1	**15**	2	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	209	2	**105**	115	324	162	40	252	2	126	115	367	2	184	0	367	2	184
	Through-Right		1							1				1				1	
	Right	23	1	0	223	246	**188**	27	50	1	4	223	273	1	**209**	0	273	1	**209**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	41	1	**41**	17	58	**58**	5	46	1	**46**	18	64	1	**64**	0	64	1	**64**
	Left-Through		0							0				0				0	
	Through	150	2	75	165	315	158	26	178	2	89	185	363	2	182	0	363	2	182
	Through-Right		0							0				0				0	
	Right	125	1	66	18	143	33	0	127	1	67	18	145	1	34	0	145	1	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	27	0	27	0	27	27	1	28	0	28	0	28	0	28	0	28	0	28
	Left-Through		1							1				1				1	
	Through	111	0	**85**	136	247	**222**	44	156	0	**132**	137	293	0	**255**	0	293	0	**255**
	Through-Right		1							1				1				1	
	Right	32	0	85	110	142	222	19	51	0	132	110	161	0	255	0	161	0	255
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		164	North-South:		298	North-South:			241	North-South:			320	North-South:			320
		East-West:		126	East-West:		280	East-West:			178	East-West:			319	East-West:			319
		SUM:		290	SUM:		578	SUM:			419	SUM:			639	SUM:			639
VOLUME/CAPACITY (V/C) RATIO:				0.211			0.420				0.305				0.465				0.465
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.111			0.320				0.205				0.365				0.365
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.160 | Δv/c after mitigation: 0.160 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	38	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	10	1	10	0	10	10	2	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	196	2	**98**	14	210	**105**	482	680	2	**239**	-3	677	2	**242**	0	677	2	**242**
	Through-Right		0							1				1				1	
	Right	20	1	20	12	32	32	16	36	0	36	12	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	175	1	**102**	139	314	185	31	208	1	**118**	139	347	1	212	0	347	1	212
	Through-Right		1							1				1				1	
	Right	28	0	28	28	56	56	0	28	0	28	48	76	0	76	0	76	0	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	21	0	**21**	0	21	21	7	28	0	**28**	0	28	0	28	0	28	0	28
	Left-Through		0							1				1				1	
	Through	154	1	88	233	387	**215**	48	204	1	116	234	438	1	**247**	0	438	1	**247**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		98	North-South:		105	North-South:			239	North-South:			242	North-South:			242
		East-West:		123	East-West:		215	East-West:			146	East-West:			247	East-West:			247
		SUM:		221	SUM:		320	SUM:			385	SUM:			489	SUM:			489
VOLUME/CAPACITY (V/C) RATIO:				0.155			0.225				0.270				0.343				0.343
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.078			0.125				0.170				0.243				0.243
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.073 | Δv/c after mitigation: 0.073 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	39	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	26	0	26	0	26	26	1	27	0	27	0	27	0	27	0	27	0	27
	Left-Through		1							1				1				1	
	Through	266	3	**73**	0	266	**73**	392	661	3	**172**	0	661	3	**172**	0	661	3	**172**
	Through-Right		0							0				0				0	
	Right	33	1	33	3	36	36	23	56	1	56	3	59	1	59	0	59	1	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				1				1	
	Through	158	1	**108**	125	283	175	24	184	1	**128**	125	309	1	196	0	309	1	196
	Through-Right		1							1				1				1	
	Right	57	0	57	10	67	67	14	72	0	72	10	82	0	82	0	82	0	82
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	12	0	**12**	2	14	14	0	12	0	**12**	2	14	0	14	0	14	0	14
	Left-Through		1							1				1				1	
	Through	153	1	83	230	383	**206**	27	182	1	97	231	413	1	**221**	0	413	1	**221**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		73	North-South:		73	North-South:			172	North-South:			172	North-South:			172
		East-West:		120	East-West:		206	East-West:			140	East-West:			221	East-West:			221
		SUM:		193	SUM:		279	SUM:			312	SUM:			393	SUM:			393
VOLUME/CAPACITY (V/C) RATIO:				0.129			0.186				0.208				0.262				0.262
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.064			0.093				0.108				0.162				0.162
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.054 | Δv/c after mitigation: 0.054 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	40	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	31	0	31	133	164	164	10	41	0	41	134	175	0	175	0	175	0	175
	Left-Through		1							1				1				1	
	Through	302	2	**89**	814	1116	**326**	439	745	2	**203**	814	1559	2	**440**	0	1559	2	**440**
	Through-Right		1							1				1				1	
	Right	24	0	89	0	24	326	0	24	0	203	0	24	0	440	0	24	0	440
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	11	0	11	36	47	**47**	21	32	0	**32**	36	68	0	**68**	0	68	0	**68**
	Left-Through		1							1				1				1	
	Through	168	1	**90**	89	257	176	4	174	1	103	89	263	1	200	0	263	1	200
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	133	1	71	100	233	**200**	16	151	1	**81**	100	251	1	**211**	0	251	1	**211**
	Through-Right		1							1				1				1	
	Right	8	0	8	159	167	167	3	11	0	11	159	170	0	170	0	170	0	170
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		89	North-South:		326	North-South:			203	North-South:			440	North-South:			440
		East-West:		90	East-West:		247	East-West:			113	East-West:			279	East-West:			279
		SUM:		179	SUM:		573	SUM:			316	SUM:			719	SUM:			719
VOLUME/CAPACITY (V/C) RATIO:				0.119			0.382				0.211				0.479				0.479
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.060			0.282				0.111				0.379				0.379
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.268 | Δv/c after mitigation: 0.268 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	41	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	180	3	60	2	182	61	170	352	3	117	2	354	3	118	0	354	3	118
	Through-Right		1							1				1				1	
	Right	157	1	86	11	168	92	236	395	1	217	11	406	1	223	0	406	1	223
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	83	0	83	0	83	83	8	92	0	92	0	92	0	92	0	92	0	92
	Left-Through		1							1				1				1	
	Through	478	1	281	117	595	339	116	600	1	346	117	717	1	405	0	717	2	270
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		86	North-South:		92	North-South:			217	North-South:			223	North-South:			223
		East-West:		281	East-West:		339	East-West:			346	East-West:			405	East-West:			270
		SUM:		367	SUM:		431	SUM:			563	SUM:			628	SUM:			493
VOLUME/CAPACITY (V/C) RATIO:				0.245			0.287				0.375				0.419				0.329
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.145			0.187				0.275				0.319				0.229
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.044 | Δv/c after mitigation: -0.046

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	42	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	139	0	139	25	164	164	16	157	0	157	25	182	0	182	0	182	0	182
	Left-Through		1							1				1				1	
	Through	249	3	83	708	957	280	313	565	3	181	708	1273	3	364	0	1273	3	364
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	425	1	262	92	517	517	108	538	1	387	92	630	1	630	0	630	2	315
	Through-Right		1							1				1				1	
	Right	99	0	99	1003	1102	1102	136	236	0	236	1004	1240	0	1240	0	1240	0	1240
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		139	North-South:		280	North-South:			181	North-South:			364	North-South:			364
		East-West:		262	East-West:		1102	East-West:			387	East-West:			1240	East-West:			1240
		SUM:		401	SUM:		1382	SUM:			568	SUM:			1604	SUM:			1604
VOLUME/CAPACITY (V/C) RATIO:				0.267			0.921				0.379				1.069				1.069
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.167			0.821				0.279				0.969				0.969
LEVEL OF SERVICE (LOS):				A			D				A				E				E

PROJECT IMPACT

Change in v/c due to project: 0.690 | Δv/c after mitigation: 0.690

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	43	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	42	0	42	18	60	60	10	53	0	53	18	71	0	71	0	71	0	71
	Left-Through		1							1				1				1	
	Through	113	1	78	365	478	269	76	190	1	148	365	555	1	349	0	555	1	349
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	130	1	91	0	130	106	132	264	1	182	0	264	1	197	0	264	1	197
	Through-Right		1							1				1				1	
	Right	51	0	51	30	81	81	48	100	0	100	30	130	0	130	0	130	0	130
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	27	0	27	0	27	27	13	40	0	40	0	40	0	40	0	40	0	40
	Left-Through		1							1				1				1	
	Through	407	0	239	1108	1515	953	186	598	0	344	1108	1706	0	1059	0	1706	1	706
	Through-Right		1							1				1				1	
	Right	43	0	239	321	364	953	6	50	0	344	321	371	0	1059	0	371	0	706
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		133	North-South:		269	North-South:			235	North-South:			349	North-South:			349
		East-West:		239	East-West:		953	East-West:			344	East-West:			1059	East-West:			706
		SUM:		372	SUM:		1222	SUM:			579	SUM:			1408	SUM:			1055
VOLUME/CAPACITY (V/C) RATIO:				0.248			0.815				0.386				0.939				0.703
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.148			0.715				0.286				0.839				0.603
LEVEL OF SERVICE (LOS):				A			C				A				D				B

PROJECT IMPACT

Change in v/c due to project: 0.553 | Δv/c after mitigation: 0.317

Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	44	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	44	1	44	24	68	68	0	45	1	45	24	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	240	2	120	78	318	159	68	311	2	156	78	389	2	195	0	389	2	195
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	243	1	151	23	266	162	112	358	1	215	23	381	1	226	0	381	1	226
	Through-Right		1							1				1				1	
	Right	58	0	58	0	58	58	12	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	0	24	47	71	71	7	31	0	31	47	78	0	78	0	78	0	78
	Left-Through		1							1				1				1	
	Through	383	0	227	1405	1788	1001	194	582	0	333	1405	1987	0	1108	0	1987	1	738
	Through-Right		1							1				1				1	
	Right	46	0	227	97	143	1001	6	53	0	333	97	150	0	1108	0	150	0	738
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		195	North-South:		230	North-South:			260	North-South:			295	North-South:			295
		East-West:		227	East-West:		1001	East-West:			333	East-West:			1108	East-West:			738
		SUM:		422	SUM:		1231	SUM:			593	SUM:			1403	SUM:			1033
VOLUME/CAPACITY (V/C) RATIO:				0.281			0.821				0.395				0.935				0.689
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.181			0.721				0.295				0.835				0.589
LEVEL OF SERVICE (LOS):				A			C				A				D				A

PROJECT IMPACT

Change in v/c due to project: 0.540 | Δv/c after mitigation: 0.294

Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	45	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	51	1	51	0	51	51	4	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	247	2	124	0	247	124	93	343	2	172	0	343	2	172	0	343	2	172
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	204	1	138	0	204	139	104	310	1	199	0	310	1	200	0	310	1	200
	Through-Right		1							1				1				1	
	Right	72	0	72	1	73	73	15	88	0	88	1	89	0	89	0	89	0	89
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	43	0	43	0	43	43	108	152	0	152	0	152	0	152	0	152	0	152
	Left-Through		1							1				1				1	
	Through	289	0	180	1547	1836	953	188	480	0	339	1548	2028	0	1113	0	2028	1	742
	Through-Right		1							1				1				1	
	Right	27	0	180	0	27	953	19	46	0	339	0	46	0	1113	0	46	0	742
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		189	North-South:		190	North-South:			255	North-South:			256	North-South:			256
		East-West:		180	East-West:		953	East-West:			339	East-West:			1113	East-West:			742
		SUM:		369	SUM:		1143	SUM:			594	SUM:			1369	SUM:			998
VOLUME/CAPACITY (V/C) RATIO:				0.246			0.762				0.396				0.913				0.665
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.146			0.662				0.296				0.813				0.565
LEVEL OF SERVICE (LOS):				A			B				A				D				A

PROJECT IMPACT

Change in v/c due to project: 0.517 | Δv/c after mitigation: 0.269
Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	46	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	19	1	19	0	19	19	0	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	105	2	53	0	105	53	3	109	2	55	0	109	2	55	0	109	2	55
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	226	1	156	0	226	226	22	251	1	172	0	251	1	251	0	251	1	251
	Through-Right		1							1				1				1	
	Right	85	0	85	199	284	284	6	92	0	92	199	291	0	291	0	291	0	291
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	47	0	47	0	47	47	0	48	0	48	0	48	0	48	0	48	0	48
	Left-Through		1							1				1				1	
	Through	252	0	288	1348	1600	962	308	563	0	453	1348	1911	0	1127	0	1911	1	751
	Through-Right		1							1				1				1	
	Right	277	0	288	0	277	962	14	294	0	453	0	294	0	1127	0	294	0	751
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		175	North-South:		303	North-South:			191	North-South:			310	North-South:			310
		East-West:		288	East-West:		962	East-West:			453	East-West:			1127	East-West:			751
		SUM:		463	SUM:		1265	SUM:			644	SUM:			1437	SUM:			1061
VOLUME/CAPACITY (V/C) RATIO:				0.309			0.843				0.429				0.958				0.707
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.209			0.743				0.329				0.858				0.607
LEVEL OF SERVICE (LOS):				A			C				A				D				B

PROJECT IMPACT

Change in v/c due to project: 0.529 | Δv/c after mitigation: 0.278
Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	47	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	6	1	6	0	6	6	0	6	1	6	0	6	1	6	0	6	1	6
	Left-Through		0							0				0				0	
	Through	116	3	39	0	116	39	388	505	3	168	0	505	3	168	0	505	3	168
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	29	1	18	45	74	40	41	70	1	38	45	115	1	61	0	115	1	61
	Through-Right		1							1				1				1	
	Right	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		39	North-South:		39	North-South:			168	North-South:			168	North-South:			168
		East-West:		18	East-West:		40	East-West:			38	East-West:			101	East-West:			61
		SUM:		57	SUM:		79	SUM:			206	SUM:			229	SUM:			229
VOLUME/CAPACITY (V/C) RATIO:				0.040			0.055				0.145				0.161				0.161
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.020			0.028				0.072				0.080				0.080
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.008 | Δv/c after mitigation: 0.008
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	48	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 3 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	90	2	50	33	123	68	0	91	2	50	33	124	2	68	0	124	2	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	109	1	109	0	109	109	47	157	1	157	0	157	1	157	0	157	1	157
	Left-Through		0							0				0				0	
	Through	177	3	59	0	177	59	131	310	3	103	0	310	3	103	0	310	3	103
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	294	2	101	295	589	196	251	549	2	183	295	844	2	281	0	844	2	281
	Through-Right		1							1				1				1	
	Right	111	1	0	0	111	111	19	131	1	131	0	131	1	131	0	131	1	131
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		159	North-South:		177	North-South:			207	North-South:			225	North-South:			225
		East-West:		101	East-West:		196	East-West:			183	East-West:			281	East-West:			281
		SUM:		260	SUM:		373	SUM:			390	SUM:			506	SUM:			506
VOLUME/CAPACITY (V/C) RATIO:				0.182			0.262				0.274				0.355				0.355
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.091			0.162				0.174				0.255				0.255
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.081 | Δv/c after mitigation: 0.081
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	49	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	101	3	29	522	623	159	126	228	3	61	522	750	3	191	0	750	3	191
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	282	1	282	211	493	493	203	488	1	488	212	700	1	700	0	700	1	700
	Left-Through		0							0				0				0	
	Through	218	2	109	116	334	167	95	316	2	158	116	432	2	216	0	432	2	216
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		29	North-South:		159	North-South:			61	North-South:			191	North-South:			191
		East-West:		282	East-West:		493	East-West:			488	East-West:			700	East-West:			700
		SUM:		311	SUM:		652	SUM:			549	SUM:			891	SUM:			891
VOLUME/CAPACITY (V/C) RATIO:				0.207			0.435				0.366				0.594				0.594
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.107			0.335				0.266				0.494				0.494
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.228 | Δv/c after mitigation: 0.228 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	50	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	127	1	73	269	396	207	79	208	1	113	269	477	1	248	0	477	1	248
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	35	0	35	0	35	35	24	59	0	59	0	59	0	59	0	59	0	59
	Left-Through		1							1				1				1	
	Through	121	1	78	0	121	96	121	243	1	151	0	243	1	181	0	243	1	181
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	26	1	26	114	140	140	6	32	1	32	114	146	1	146	0	146	0	146
	Left-Through		0							0				0				0	
	Through	284	1	158	2	286	159	89	376	1	204	2	378	1	205	0	378	1	185
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	0	31	0	31	0	31	0	31	0	31	0	185
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		108	North-South:		242				172	North-South:			307	North-South:			307
		East-West:		158	East-West:		159				204	East-West:			205	East-West:			185
		SUM:		266	SUM:		401				376	SUM:			512	SUM:			492
VOLUME/CAPACITY (V/C) RATIO:				0.177			0.267				0.251				0.341				0.328
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.089			0.167				0.151				0.241				0.228
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.090 | Δv/c after mitigation: 0.077 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	51	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	252	1	139	102	354	190	68	323	1	180	102	425	1	231	0	425	1	231
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	10	36	0	36	0	36	0	36	0	36	0	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	39	1	39	0	39	39	15	54	1	54	0	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	227	2	114	69	296	148	104	334	2	167	69	403	2	202	0	403	2	202
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	26	1	26	0	26	26	0	26	1	26	0	26	1	26	0	26	0	26
	Left-Through		0							0				0				1	
	Through	287	1	154	2	289	155	103	393	1	212	2	395	1	213	0	395	1	151
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	11	31	0	31	0	31	0	31	0	31	0	151
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		178	North-South:		229				234	North-South:			285	North-South:			285
		East-West:		154	East-West:		155				212	East-West:			213	East-West:			151
		SUM:		332	SUM:		384				446	SUM:			498	SUM:			436
VOLUME/CAPACITY (V/C) RATIO:				0.221			0.256				0.297				0.332				0.291
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.121			0.156				0.197				0.232				0.191
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.035 | Δv/c after mitigation: -0.006 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	52	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	274	1	175	0	274	175	83	360	1	263	0	360	1	263	0	360	1	263
	Through-Right		1							1				1				1	
	Right	75	0	75	0	75	75	90	166	0	166	0	166	0	166	0	166	0	166
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	30	1	30	0	30	30	16	46	1	46	0	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	221	2	111	0	221	111	196	420	2	210	0	420	2	210	0	420	2	210
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	32	0	32	0	32	32	15	47	0	47	0	47	0	47	0	47	0	47
	Left-Through		1							1				1				1	
	Through	200	1	116	2	202	117	107	309	1	178	2	311	1	179	0	311	1	179
	Through-Right		0							0				0				0	
	Right	26	1	26	0	26	26	5	31	1	31	0	31	1	31	0	31	1	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		205	North-South:		205				309	North-South:			309	North-South:			309
		East-West:		116	East-West:		117				178	East-West:			179	East-West:			179
		SUM:		321	SUM:		322				487	SUM:			488	SUM:			488
VOLUME/CAPACITY (V/C) RATIO:				0.214			0.215				0.325				0.325				0.325
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.114			0.115				0.225				0.225				0.225
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	53	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	146	1	74	0	146	74	2	150	1	76	0	150	1	76	0	150	1	76
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	103	2	52	0	103	52	0	104	2	52	0	104	2	52	0	104	2	52
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	273	1	273	2	275	275	213	489	1	489	2	491	1	491	0	491	2	270
	Left-Through		0							0				0				0	
	Through	21	1	16	0	21	16	0	21	1	16	0	21	1	16	0	21	1	16
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		77	North-South:		77	North-South:			79	North-South:			79	North-South:			79
		East-West:		273	East-West:		275	East-West:			489	East-West:			491	East-West:			270
		SUM:		350	SUM:		352	SUM:			568	SUM:			570	SUM:			349
VOLUME/CAPACITY (V/C) RATIO:				0.233			0.235				0.379				0.380				0.233
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.133			0.135				0.279				0.280				0.133
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: -0.146
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	54	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	91	1	91	0	91	91	9	101	1	101	0	101	1	101	0	101	1	101
	Left-Through		0							0				0				0	
	Through	619	3	166	119	738	207	384	1010	3	272	120	1130	3	314	0	1130	3	314
	Through-Right		1							1				1				1	
	Right	45	0	45	46	91	91	32	78	0	78	46	124	0	124	0	124	0	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	45	1	45	8	53	53	0	46	1	46	8	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	202	1	124	21	223	147	9	213	1	136	22	235	1	159	0	235	1	159
	Through-Right		1							1				1				1	
	Right	46	0	46	24	70	70	12	59	0	59	24	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	95	1	95	13	108	108	10	106	1	106	13	119	1	119	0	119	1	119
	Left-Through		0							0				0				0	
	Through	276	2	113	95	371	145	27	306	2	124	95	401	2	156	0	401	2	156
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	2	67	0	67	0	67	0	67	0	67	0	67
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	72	1	72	3	75	75	34	107	1	107	3	110	1	110	0	110	1	110
	Left-Through		0							0				0				0	
	Through	532	2	215	0	532	220	82	620	2	247	0	620	2	253	0	620	3	207
	Through-Right		1							1				1				0	
	Right	112	0	112	17	129	129	9	122	0	122	17	139	0	139	0	139	1	112
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		215	North-South:		260	North-South:			318	North-South:			368	North-South:			368
		East-West:		310	East-West:		328	East-West:			353	East-West:			372	East-West:			326
		SUM:		525	SUM:		588	SUM:			671	SUM:			740	SUM:			694
VOLUME/CAPACITY (V/C) RATIO:				0.382			0.428				0.488				0.538				0.505
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.282			0.328				0.388				0.438				0.405
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.050 | Δv/c after mitigation: 0.017
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	55	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	1	9	0	9	9	4	13	1	13	0	13	1	13	0	13	1	13
	Left-Through		0							0				0				0	
	Through	73	2	37	0	73	37	349	423	2	165	0	423	2	165	0	423	2	165
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	35	73	0	73	0	73	0	73	0	73	0	73
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	353	2	177	101	454	227	55	412	2	206	101	513	2	257	0	513	2	257
	Through-Right		0							0				0				0	
	Right	22	1	22	48	70	70	3	25	1	25	48	73	1	73	0	73	1	73
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	10	10	0	0	0	0	0	10	10	0	0	0	10	0	0
	Left-Through		0							0				0				0	
	Through	596	2	298	20	616	308	89	692	2	346	20	712	2	356	0	712	2	356
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		38	North-South:		38	North-South:			165	North-South:			165	North-South:			165
		East-West:		298	East-West:		308	East-West:			346	East-West:			356	East-West:			356
		SUM:		336	SUM:		346	SUM:			511	SUM:			521	SUM:			521
VOLUME/CAPACITY (V/C) RATIO:				0.224			0.231				0.341				0.347				0.347
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.124			0.131				0.241				0.247				0.247
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.006 | Δv/c after mitigation: 0.006
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	56	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	69	0	90	41	110	158	0	70	0	93	41	111	0	161	0	111	0	161
	Through-Right		1							1				1				1	
	Right	21	0	0	27	48	0	2	23	0	0	27	50	0	0	0	50	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	35	1	35	0	35	35	17	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	100	2	50	0	100	50	119	220	2	110	0	220	2	110	0	220	2	110
	Through-Right		0							0				0				0	
	Right	57	1	57	0	57	57	13	71	1	71	0	71	1	71	0	71	1	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	352	1	181	101	453	232	60	416	1	213	101	517	1	264	0	517	1	264
	Through-Right		1							1				1				1	
	Right	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	8	1	8	0	8	8	2	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	448	1	228	30	478	243	76	529	1	268	30	559	1	283	0	559	1	283
	Through-Right		1							1				1				1	
	Right	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		125	North-South:		193	North-South:			145	North-South:			213	North-South:			213
		East-West:		228	East-West:		243	East-West:			268	East-West:			283	East-West:			283
		SUM:		353	SUM:		436	SUM:			413	SUM:			496	SUM:			496
VOLUME/CAPACITY (V/C) RATIO:				0.248			0.306				0.290				0.348				0.348
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.148			0.206				0.190				0.248				0.248
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.058 | Δv/c after mitigation: 0.058
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	57	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	13	0	13	10	23	23	13	26	0	26	10	36	0	36	0	36	0	36
	Left-Through		1							1				1				1	
	Through	36	1	17	420	456	160	113	149	1	59	420	569	1	202	0	569	1	202
	Through-Right		1							1				1				1	
	Right	2	0	17	0	2	160	0	2	0	59	0	2	0	202	0	2	0	202
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	38	1	38	72	110	110	12	50	1	50	72	122	1	122	0	122	1	122
	Left-Through		0							0				0				0	
	Through	379	1	192	56	435	220	66	450	1	227	56	506	1	255	0	506	1	255
	Through-Right		1							1				1				1	
	Right	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	2	1	2	76	78	78	0	2	1	2	76	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	397	1	222	24	421	251	80	482	1	265	24	506	1	295	0	506	1	295
	Through-Right		1							1				1				1	
	Right	46	0	46	35	81	81	1	48	0	48	35	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		17	North-South:		160	North-South:			59	North-South:			202	North-South:			202
		East-West:		260	East-West:		361	East-West:			315	East-West:			417	East-West:			417
		SUM:		277	SUM:		521	SUM:			374	SUM:			619	SUM:			619
	VOLUME/CAPACITY (v/c) RATIO:			0.194			0.366				0.262				0.434				0.434
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.097			0.266				0.162				0.334				0.334
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.172 | Δv/c after mitigation: 0.172

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	58	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	6	1	6	3	9	9	0	6	1	6	3	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	93	1	57	201	294	158	60	154	1	88	201	355	1	188	0	355	1	188
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	0	21	0	21	0	21	0	21	0	21	0	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	1	31	0	31	31	7	38	1	38	0	38	1	38	0	38	1	38
	Left-Through		0							0				0				0	
	Through	85	1	55	0	85	55	101	187	1	113	0	187	1	113	0	187	1	113
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	13	38	0	38	0	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	8	1	8	50	58	58	5	13	1	13	50	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	76	1	39	6	82	42	61	138	1	70	6	144	1	73	0	144	1	73
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	296	1	171	132	428	246	69	369	1	215	132	501	1	290	0	501	1	290
	Through-Right		1							1				1				1	
	Right	45	0	45	18	63	63	14	60	0	60	18	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		88	North-South:		189	North-South:			126	North-South:			226	North-South:			226
		East-West:		179	East-West:		304	East-West:			228	East-West:			353	East-West:			353
		SUM:		267	SUM:		493	SUM:			354	SUM:			579	SUM:			579
	VOLUME/CAPACITY (v/c) RATIO:			0.187			0.346				0.248				0.406				0.406
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.094			0.246				0.148				0.306				0.306
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.158 | Δv/c after mitigation: 0.158

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	59	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	226	1	140	102	328	191	69	298	1	179	102	400	1	230	0	400	1	230
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	6	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	32	1	32	0	32	32	16	48	1	48	0	48	1	48	0	48	1	48
	Left-Through		0							0				0				0	
	Through	183	1	105	3	186	140	98	283	1	155	3	286	1	190	0	286	1	190
	Through-Right		1							1				1				1	
	Right	27	0	27	66	93	93	0	27	0	27	66	93	0	93	0	93	0	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	5	1	5	0	5	5	4	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	113	1	60	6	119	63	65	179	1	93	6	185	1	96	0	185	1	96
	Through-Right		1							1				1				1	
	Right	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	35	1	35	0	35	35	6	41	1	41	0	41	1	41	0	41	1	41
	Left-Through		0							0				0				0	
	Through	308	1	180	84	392	222	82	394	1	226	84	478	1	268	0	478	1	268
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	5	57	0	57	0	57	0	57	0	57	0	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		172	North-South:		223	North-South:			227	North-South:			278	North-South:			278
		East-West:		185	East-West:		227	East-West:			235	East-West:			277	East-West:			277
		SUM:		357	SUM:		450	SUM:			462	SUM:			555	SUM:			555
	VOLUME/CAPACITY (v/c) RATIO:			0.251			0.316				0.324				0.389				0.389
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.151			0.216				0.224				0.289				0.289
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.065 | Δv/c after mitigation: 0.065

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	60	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	45	1	45	0	45	45	0	46	1	46	0	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	297	1	176	0	297	176	162	463	1	265	0	463	1	265	0	463	1	265
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	11	67	0	67	0	67	0	67	0	67	0	67
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	1	36	0	36	36	8	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	186	1	105	0	186	105	190	378	1	202	0	378	1	202	0	378	1	202
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	3	26	0	26	0	26	0	26	0	26	0	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	17	1	17	0	17	17	2	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	374	1	202	6	380	205	85	464	1	247	6	470	1	250	0	470	1	250
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	27	1	27	0	27	27	0	27	1	27	0	27	1	27	0	27	1	27
	Left-Through		0							0				0				0	
	Through	361	1	196	84	445	238	90	455	1	247	84	539	1	289	0	539	1	289
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	8	39	0	39	0	39	0	39	0	39	0	39
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		212	North-South:		212	North-South:			309	North-South:			309	North-South:			309
		East-West:		229	East-West:		255	East-West:			274	East-West:			308	East-West:			308
		SUM:		441	SUM:		467	SUM:			583	SUM:			617	SUM:			617
	VOLUME/CAPACITY (v/c) RATIO:			0.309			0.328				0.409				0.433				0.433
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.209			0.228				0.309				0.333				0.333
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.024 | Δv/c after mitigation: 0.024

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	61	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
	Left-Through		1							1				1				1	
	Through	68	0	45	0	68	45	0	69	0	45	0	69	0	45	0	69	0	45
	Through-Right		1							1				1				1	
	Right	15	0	45	0	15	45	0	15	0	45	0	15	0	45	0	15	0	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	0	36	0	36	36	0	36	0	36	0	36	0	36	0	36	0	36
	Left-Through		1							1				1				1	
	Through	71	0	75	0	71	75	0	72	0	76	0	72	0	76	0	72	0	76
	Through-Right		1							1				1				1	
	Right	42	0	75	0	42	75	0	43	0	76	0	43	0	76	0	43	0	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	36	1	36	0	36	36	2	38	1	38	0	38	1	38	0	38	1	38
	Left-Through		0							0				0				0	
	Through	308	1	160	6	314	163	67	379	1	195	6	385	1	198	0	385	1	198
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	7	1	7	0	7	7	0	7	1	7	0	7	1	7	0	7	1	7
	Left-Through		0							0				0				0	
	Through	303	1	178	84	387	220	70	377	1	216	84	461	1	258	0	461	1	258
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	0	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		81	North-South:		81	North-South:			82	North-South:			82	North-South:			82
		East-West:		214	East-West:		256	East-West:			254	East-West:			296	East-West:			348
		SUM:		295	SUM:		337	SUM:			336	SUM:			378	SUM:			378
VOLUME/CAPACITY (V/C) RATIO:				0.207			0.236				0.236				0.265				0.265
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.107			0.136				0.136				0.165				0.165
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.029 — Δv/c after mitigation: 0.029
Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	62	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	84	1	84	0	84	84	10	95	1	95	0	95	1	95	0	95	1	95
	Left-Through		0							0				0				0	
	Through	569	1	304	0	569	304	0	576	1	308	0	576	1	308	0	576	1	308
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	2	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	376	1	209	0	376	209	0	381	1	211	0	381	1	211	0	381	1	211
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	116	1	116	0	116	116	0	117	1	117	0	117	1	117	0	117	1	117
	Left-Through		0							0				0				0	
	Through	302	1	179	6	308	182	62	368	1	216	6	374	1	219	0	374	1	219
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	8	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	53	1	53	0	53	53	0	54	1	54	0	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	279	1	156	84	363	198	62	344	1	189	84	428	1	231	0	428	1	231
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		347	North-South:		347	North-South:			352	North-South:			352	North-South:			352
		East-West:		272	East-West:		314	East-West:			306	East-West:			348	East-West:			348
		SUM:		619	SUM:		661	SUM:			658	SUM:			700	SUM:			700
VOLUME/CAPACITY (V/C) RATIO:				0.434			0.464				0.462				0.491				0.491
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.334			0.364				0.362				0.391				0.391
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.029 — Δv/c after mitigation: 0.029
Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	63	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 3; EB-- 0 WB-- 3
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	148	1	148	0	148	148	10	160	1	160	0	160	1	160	0	160	1	160
	Left-Through		0							0				0				0	
	Through	625	2	234	45	670	249	393	1026	2	370	45	1071	2	385	0	1071	2	385
	Through-Right		1							1				1				1	
	Right	77	0	77	0	77	77	6	84	0	84	0	84	0	84	0	84	0	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	95	1	95	0	95	95	14	110	1	110	0	110	1	110	0	110	1	110
	Left-Through		0							0				0				0	
	Through	551	2	276	21	572	286	176	734	2	367	21	755	2	378	0	755	2	378
	Through-Right		0							0				0				0	
	Right	82	1	0	0	82	0	8	91	1	0	0	91	1	0	0	91	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	107	1	107	0	107	107	2	110	1	110	0	110	1	110	0	110	1	110
	Left-Through		0							0				0				0	
	Through	233	1	233	0	233	233	7	243	1	243	0	243	1	243	0	243	1	243
	Through-Right		0							0				0				0	
	Right	134	1	60	0	134	60	4	140	1	60	0	140	1	60	0	140	1	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	155	1	155	0	155	155	53	210	1	210	0	210	1	210	0	210	1	210
	Left-Through		0							0				0				0	
	Through	471	2	236	0	471	236	9	486	2	243	0	486	2	243	0	486	2	243
	Through-Right		0							0				0				0	
	Right	191	1	96	37	228	133	40	233	1	123	37	270	1	160	0	270	1	160
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		424	North-South:		434	North-South:			527	North-South:			538	North-South:			538
		East-West:		388	East-West:		388	East-West:			453	East-West:			453	East-West:			453
		SUM:		812	SUM:		822	SUM:			980	SUM:			991	SUM:			991
VOLUME/CAPACITY (V/C) RATIO:				0.591			0.598				0.713				0.721				0.721
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.491			0.498				0.613				0.621				0.621
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.008 — Δv/c after mitigation: 0.008
Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	64	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 2 WB-- 2
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	78	2	34	2	80	35	381	460	2	172	2	462	2	173	0	462	2	173
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	32	56	0	56	0	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	295	1	220	0	295	220	27	326	1	237	0	326	1	237	0	326	1	237
	Through-Right		1							1				1				1	
	Right	145	0	145	0	145	145	0	147	0	147	0	147	0	147	0	147	0	147
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	805	2	268	37	842	309	70	885	2	295	37	922	2	307	0	922	2	307
	Through-Right		1							1				1				1	
	Right	0	0	0	84	84	84	7	7	1	7	84	91	1	91	0	91	1	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		34	North-South:		35	North-South:			172	North-South:			173	North-South:			173
		East-West:		268	East-West:		309	East-West:			295	East-West:			307	East-West:			307
		SUM:		302	SUM:		344	SUM:			467	SUM:			480	SUM:			480
VOLUME/CAPACITY (V/C) RATIO:				0.201			0.229				0.340				0.349				0.349
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.101			0.129				0.240				0.249				0.249
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.009 — Δv/c after mitigation: 0.009
Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	65	North-South Street:	I-110 NB Off General	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				1			1			1			1			1			1			1
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 2 SB--			2	NB-- 2 SB--		2	NB-- 2 SB--		2	NB-- 2 SB--		2	NB-- 2 SB--		2	NB-- 2 SB--		2
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2
Override Capacity				0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	259	1	215	37	296	296	16	278	1	246	37	315	1	315	0	315	1	315
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	170	0	215	186	356	**356**	41	213	0	246	186	399	0	**399**	0	399	0	**399**
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
SOUTHBOUND	Left	0	1	0	275	275	275	7	7	2	4	277	284	2	156	0	284	2	156
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	509	509	**509**	7	7	0	**7**	510	517	0	**517**	0	517	0	**517**
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	294	2	147	0	294	147	34	332	2	166	0	332	2	166	0	332	2	166
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	380	2	**190**	0	380	**190**	55	440	2	**220**	0	440	2	**220**	0	440	2	**220**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		215	North-South:		865	North-South:		253		North-South:		916		North-South:		916	
		East-West:		190	East-West:		190	East-West:		220		East-West:		220		East-West:		220	
		SUM:		405	SUM:		1055	SUM:		473		SUM:		1136		SUM:		1136	
VOLUME/CAPACITY (V/C) RATIO:				0.284			0.740			0.332				0.797				0.797	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.184			0.640			0.232				0.697				0.697	
LEVEL OF SERVICE (LOS):				A			B			A				B				B	

PROJECT IMPACT

Change in v/c due to project: 0.465 Δv/c after mitigation: 0.465

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	66	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2
Override Capacity				0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	14	1	14	0	14	14	0	14	1	**14**	0	14	1	**14**	0	14	1	**14**
	Left-Through		0							0				0				0	
	Through	41	1	**41**	7	48	**48**	0	41	1	41	7	48	1	48	0	48	1	48
	Through-Right		0							0				0				0	
	Right	30	1	16	0	30	16	0	30	1	16	0	30	1	16	0	30	1	16
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	1	**31**	0	31	**31**	0	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	60	1	48	0	60	48	114	175	1	**105**	0	175	1	**105**	0	175	1	**105**
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	60	1	60	61	121	121	0	61	1	61	61	122	1	122	0	122	1	122
	Left-Through		0							0				0				0	
	Through	463	1	**240**	562	1025	**521**	75	544	1	**280**	562	1106	1	**561**	0	1106	1	**561**
	Through-Right		1							1				1				1	
	Right	16	0	16	0	16	16	0	16	0	16	0	16	0	16	0	16	0	16
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	28	1	**28**	0	28	**28**	0	28	1	**28**	0	28	1	**28**	0	28	1	**28**
	Left-Through		0							0				0				0	
	Through	329	1	176	0	329	176	55	388	1	205	0	388	1	205	0	388	1	205
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		72	North-South:		79	North-South:		119		North-South:		119		North-South:		119	
		East-West:		268	East-West:		549	East-West:		308		East-West:		589		East-West:		589	
		SUM:		340	SUM:		628	SUM:		427		SUM:		708		SUM:		708	
VOLUME/CAPACITY (V/C) RATIO:				0.227			0.419			0.285				0.472				0.472	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.127			0.319			0.185				0.372				0.372	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.187 Δv/c after mitigation: 0.187

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	67	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2
Override Capacity				0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	75	1	**56**	292	367	**202**	104	180	1	**109**	292	472	1	**255**	0	472	1	**255**
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	21	1	**21**	0	21	**21**	0	21	1	**21**	0	21	1	**21**	0	21	1	**21**
	Left-Through		0							0				0				0	
	Through	84	1	52	0	84	52	92	177	1	99	0	177	1	99	0	177	1	99
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	2	21	0	21	0	21	0	21	0	21	0	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	68	1	**68**	466	534	**534**	13	82	1	**82**	466	548	1	**548**	0	548	1	**548**
	Left-Through		0							0				0				0	
	Through	419	1	227	96	515	275	61	485	1	260	96	581	1	308	0	581	1	308
	Through-Right		1							1				1				1	
	Right	34	0	34	0	34	34	0	34	0	34	0	34	0	34	0	34	0	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	13	1	13	0	13	13	0	13	1	13	0	13	1	13	0	13	1	13
	Left-Through		0							0				0				0	
	Through	331	1	**190**	0	331	**190**	52	387	1	**218**	0	387	1	**218**	0	387	1	**218**
	Through-Right		1							1				1				1	
	Right	48	0	48	0	48	48	0	49	0	49	0	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		77	North-South:		223	North-South:		130		North-South:		276		North-South:		276	
		East-West:		258	East-West:		724	East-West:		300		East-West:		766		East-West:		766	
		SUM:		335	SUM:		947	SUM:		430		SUM:		1042		SUM:		1042	
VOLUME/CAPACITY (V/C) RATIO:				0.223			0.631			0.287				0.695				0.695	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.123			0.531			0.187				0.595				0.595	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.408 Δv/c after mitigation: 0.408

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	68	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2
Override Capacity				0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	26	1	**26**	0	26	**26**	1	27	1	**27**	0	27	1	**27**	0	27	1	**27**
	Left-Through		0							0				0				0	
	Through	233	1	126	6	239	129	69	305	1	162	6	311	1	165	0	311	1	165
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	14	1	14	0	14	14	0	14	1	14	0	14	1	14	0	14	1	14
	Left-Through		0							0				0				0	
	Through	216	1	**120**	3	219	**121**	95	314	1	**173**	3	317	1	**174**	0	317	1	**174**
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	8	31	0	31	0	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	28	1	28	96	124	**124**	8	36	1	36	96	132	1	**132**	0	132	1	**132**
	Left-Through		0							0				0				0	
	Through	416	1	**225**	0	416	225	51	472	1	**254**	0	472	1	254	0	472	1	254
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	3	36	0	36	0	36	0	36	0	36	0	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	29	1	**29**	0	29	29	0	29	1	**29**	0	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	350	1	187	0	350	**187**	43	397	1	211	0	397	1	**211**	0	397	1	**211**
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		146	North-South:		147	North-South:		200		North-South:		201		North-South:		201	
		East-West:		254	East-West:		311	East-West:		283		East-West:		343		East-West:		343	
		SUM:		400	SUM:		458	SUM:		483		SUM:		544		SUM:		544	
VOLUME/CAPACITY (V/C) RATIO:				0.267			0.305			0.322				0.363				0.363	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.167			0.205			0.222				0.263				0.263	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.041 Δv/c after mitigation: 0.041

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	69	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	53	1	53	0	53	53	0	54	1	54	0	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	345	1	197	0	345	197	156	505	1	277	0	505	1	277	0	505	1	277
	Through-Right		1							1				1				1	
	Right	48	0	48	0	48	48	0	49	0	49	0	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	28	1	28	0	28	28	0	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	214	1	117	0	214	117	187	404	1	213	0	404	1	213	0	404	1	213
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	2	21	0	21	0	21	0	21	0	21	0	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	42	1	42	0	42	42	14	57	1	57	0	57	1	57	0	57	1	57
	Left-Through		0							0				0				0	
	Through	361	1	197	0	361	197	38	403	1	218	0	403	1	218	0	403	1	218
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	313	1	176	0	313	176	41	358	1	198	0	358	1	198	0	358	1	198
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	0	38	0	38	0	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		225	North-South:		225	North-South:			305	North-South:			305	North-South:			305
		East-West:		234	East-West:		234	East-West:			255	East-West:			255	East-West:			255
		SUM:		459	SUM:		459	SUM:			560	SUM:			560	SUM:			560
VOLUME/CAPACITY (V/C) RATIO:				0.334			0.334				0.407				0.407				0.407
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.234			0.234				0.307				0.307				0.307
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	70	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Jefferson	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	25	1	25	0	25	25	8	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	169	2	64	1	170	65	278	449	2	183	1	450	2	184	0	450	2	184
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	77	101	0	101	0	101	0	101	0	101	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	261	2	131	0	261	131	120	384	2	192	0	384	2	192	0	384	2	192
	Through-Right		0							0				0				0	
	Right	163	1	163	0	163	163	40	205	1	205	0	205	1	205	0	205	1	205
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	50	1	50	0	50	50	0	51	1	51	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	411	2	206	0	411	206	145	561	2	281	0	561	2	281	0	561	2	281
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		64	North-South:		65	North-South:			183	North-South:			184	North-South:			184
		East-West:		213	East-West:		213	East-West:			281	East-West:			281	East-West:			281
		SUM:		277	SUM:		278	SUM:			464	SUM:			465	SUM:			465
VOLUME/CAPACITY (V/C) RATIO:				0.194			0.195				0.337				0.338				0.338
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.097			0.098				0.237				0.238				0.238
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	71	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Exposition	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 3, EB-- 1 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	149	1	149	0	149	149	0	151	1	151	0	151	1	151	0	151	1	151
	Left-Through		0							0				0				0	
	Through	1003	3	259	37	1040	269	326	1341	3	345	37	1378	3	355	0	1378	3	355
	Through-Right		1							1				1				1	
	Right	34	0	34	0	34	34	6	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	187	1	187	18	205	205	91	280	1	280	18	298	1	298	0	298	1	298
	Left-Through		0							0				0				0	
	Through	637	2	319	4	641	321	96	741	1	371	4	745	1	373	0	745	1	373
	Through-Right		0							1				1				1	
	Right	69	1	0	0	69	0	0	70	0	0	0	70	0	0	0	70	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	134	2	74	0	134	74	0	136	2	75	0	136	2	75	0	136	2	75
	Left-Through		0							0				0				0	
	Through	287	3	96	0	287	96	15	305	3	102	0	305	3	102	0	305	3	102
	Through-Right		0							0				0				0	
	Right	107	1	0	0	107	0	0	108	1	0	0	108	1	0	0	108	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	63	1	63	0	63	63	9	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	434	2	217	0	434	217	17	456	2	228	0	456	2	228	0	456	2	228
	Through-Right		0							0				0				0	
	Right	334	1	241	7	341	239	49	387	1	247	7	394	1	245	0	394	1	245
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		468	North-South:		474	North-South:			625	North-South:			653	North-South:			653
		East-West:		315	East-West:		313	East-West:			322	East-West:			320	East-West:			320
		SUM:		783	SUM:		787	SUM:			947	SUM:			973	SUM:			973
VOLUME/CAPACITY (V/C) RATIO:				0.569			0.572				0.689				0.708				0.708
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.469			0.472				0.589				0.608				0.608
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.019 | Δv/c after mitigation: 0.019

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	72	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	35	2	19	0	35	19	0	35	2	19	0	35	2	19	0	35	2	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	282	2	155	0	282	155	40	325	2	179	0	325	2	179	0	325	2	179
	Left-Through		0							0				0				0	
	Through	143	2	72	1	144	72	267	412	2	206	1	413	2	207	0	413	2	207
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	388	4	86	18	406	90	113	506	4	110	18	524	4	113	0	524	4	113
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		174	North-South:		174	North-South:			206	North-South:			207	North-South:			207
		East-West:		86	East-West:		90	East-West:			110	East-West:			113	East-West:			113
		SUM:		260	SUM:		264	SUM:			316	SUM:			320	SUM:			320
VOLUME/CAPACITY (V/C) RATIO:				0.182			0.185				0.222				0.225				0.225
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.091			0.093				0.122				0.125				0.125
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.003 | Δv/c after mitigation: 0.003

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	73	North-South Street:	I-110 NB Off- Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases		3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	374	2	139	7	381	160	57	436	2	160	7	443	2	181	0	443	2	181
	Through-Right		1							1				1				1	
	Right	44	0	44	54	98	98	0	45	0	45	54	99	0	99	0	99	0	99
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	292	2	161	0	292	161	55	351	2	193	0	351	2	193	0	351	2	193
	Left-Through		0							0				0				0	
	Through	79	2	40	0	79	40	1	81	2	41	0	81	2	41	0	81	2	41
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	75	1	75	0	75	75	1	77	1	77	0	77	1	77	0	77	1	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		139	North-South:		160	North-South:			160	North-South:			181	North-South:			181
		East-West:		236	East-West:		236	East-West:			270	East-West:			270	East-West:			270
		SUM:		375	SUM:		396	SUM:			430	SUM:			451	SUM:			451
VOLUME/CAPACITY (V/C) RATIO:				0.263			0.278				0.302				0.316				0.316
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.163			0.178				0.202				0.216				0.216
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.014 — Δv/c after mitigation: 0.014

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	74	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	56	1	30	240	296	150	104	161	1	82	240	401	1	202	0	401	1	202
	Through-Right		1							1				1				1	
	Right	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	59	1	37	0	59	37	92	152	1	83	0	152	1	83	0	152	1	83
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	27	0	27	52	79	79	0	27	0	27	52	79	0	79	0	79	0	79
	Left-Through		1							1				1				1	
	Through	25	0	52	0	25	104	1	26	0	53	0	26	0	105	0	26	0	105
	Through-Right		0							0				0				0	
	Right	10	1	5	0	10	5	0	10	1	5	0	10	1	5	0	10	1	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through		0							0				0				0	
	Through	17	0	19	0	17	19	1	18	0	20	0	18	0	20	0	18	0	20
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		47	North-South:		153	North-South:			93	North-South:			205	North-South:			205
		East-West:		54	East-West:		106	East-West:			55	East-West:			107	East-West:			107
		SUM:		101	SUM:		259	SUM:			148	SUM:			312	SUM:			312
VOLUME/CAPACITY (V/C) RATIO:				0.067			0.173				0.099				0.208				0.208
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.034			0.086				0.049				0.108				0.108
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.059 — Δv/c after mitigation: 0.059

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	75	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	37th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	8	1	8	0	8	8	1	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	287	1	144	6	293	147	78	368	1	184	7	375	1	188	0	375	1	188
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	311	1	157	3	314	159	107	422	1	213	3	425	1	214	0	425	1	214
	Through-Right		1							1				1				1	
	Right	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through		0							0				0				0	
	Through	7	0	35	0	7	35	0	7	0	36	0	7	0	36	0	7	0	36
	Through-Right		0							0				0				0	
	Right	16	0	0	0	16	0	1	17	0	0	0	17	0	0	0	17	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
WESTBOUND	Left	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through		0							0				0				0	
	Through	1	0	3	0	1	3	0	1	0	3	0	1	0	3	0	1	0	3
	Through-Right		0							0				0				0	
	Right	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		165	North-South:		167	North-South:			222	North-South:			223	North-South:			223
		East-West:		36	East-West:		36	East-West:			37	East-West:			37	East-West:			37
		SUM:		201	SUM:		203	SUM:			259	SUM:			260	SUM:			260
VOLUME/CAPACITY (V/C) RATIO:				0.134			0.135				0.173				0.173				0.173
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.067			0.068				0.086				0.087				0.087
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 — Δv/c after mitigation: 0.001

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	76	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EB--	WB--	NB--	SB--
No. of Phases		4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	56	2	31	0	56	31	0	57	2	31	0	57	2	31	0	57	2	31
	Left-Through		0							0				0				0	
	Through	340	2	123	5	345	125	307	651	2	227	5	656	2	228	0	656	2	228
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	2	24	0	44	24	20	65	2	36	0	65	2	36	0	65	2	36
	Left-Through		0							0				0				0	
	Through	370	2	162	1	371	163	83	457	2	192	1	458	2	192	0	458	2	192
	Through-Right		1							1				1				1	
	Right	117	0	117	0	117	117	0	118	0	118	0	118	0	118	0	118	0	118
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	33	1	18	0	33	18	0	33	1	18	0	33	1	18	0	33	1	18
	Left-Through		1							1				1				1	
	Through	6	0	17	0	6	17	0	6	0	17	0	6	0	17	0	6	0	17
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	70	1	39	0	70	39	0	71	1	39	0	71	1	39	0	71	1	39
	Left-Through		1							1				1				1	
	Through	17	0	106	0	17	132	0	17	0	131	0	17	0	157	0	17	0	157
	Through-Right		1							1				1				1	
	Right	89	0	89	26	115	115	24	114	0	114	26	140	0	140	0	140	0	140
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		193	North-South:		194	North-South:			263	North-South:			264	North-South:			264
		East-West:		124	East-West:		150	East-West:			149	East-West:			175	East-West:			175
		SUM:		317	SUM:		344	SUM:			412	SUM:			439	SUM:			439
VOLUME/CAPACITY (V/C) RATIO:				0.231			0.250				0.300				0.319				0.319
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.131			0.150				0.200				0.219				0.219
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.019 — Δv/c after mitigation: 0.019

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	77	North-South Street:	I-110 SB HOV Off Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	94	0	94	26	120	120	24	119	0	119	26	145	0	145	0	145	0	145
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	17	0	111	140	157	277	0	17	0	136	140	157	0	302	0	157	0	302
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	43	2	22	0	43	22	0	44	2	22	0	44	2	22	0	44	2	22
	Through-Right		0							0				0				0	
	Right	60	1	60	1	61	61	20	81	1	81	1	82	1	82	0	82	1	82
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	33	1	33	0	33	33	0	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	60	2	30	0	60	30	0	61	2	31	0	61	2	31	0	61	2	31
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		111	North-South:		277	North-South:			136	North-South:			302	North-South:			302
		East-West:		93	East-West:		94	East-West:			114	East-West:			115	East-West:			115
		SUM:		204	SUM:		371	SUM:			250	SUM:			417	SUM:			417
VOLUME/CAPACITY (V/C) RATIO:				0.136			0.247				0.167				0.278				0.278
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.068			0.147				0.083				0.178				0.178
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.095 | Δv/c after mitigation: 0.095
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	78	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--		0	NB-- 3	SB--		0	NB-- 3	SB--		0	NB-- 3	SB--		0	NB-- 3	SB--		0	NB-- 3	SB--		0
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	82	1	82	0	82	82	1	84	1	84	0	84	1	84	0	84	1	84
	Left-Through		0							0				0				0	
	Through	227	3	76	0	227	76	273	503	3	168	0	503	3	168	0	503	3	168
	Through-Right		0							0				0				0	
	Right	108	1	0	0	108	0	1	110	1	0	0	110	1	0	0	110	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	90	1	90	1	91	91	27	118	1	118	1	119	1	119	0	119	1	119
	Left-Through		0							0				0				0	
	Through	267	2	130	0	267	130	55	325	2	113	0	325	2	113	0	325	2	113
	Through-Right		1							1				1				1	
	Right	124	0	124	0	124	124	1	126	1	0	0	126	1	0	0	126	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	164	1	164	0	164	164	1	167	1	167	0	167	1	167	0	167	1	167
	Left-Through		0							0				0				0	
	Through	1232	2	442	0	1232	442	1	1248	2	448	0	1248	2	448	0	1248	2	448
	Through-Right		1							1				1				1	
	Right	94	0	94	0	94	94	2	97	0	97	0	97	0	97	0	97	0	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	123	1	123	0	123	123	8	132	1	132	0	132	1	132	0	132	1	132
	Left-Through		0							0				0				0	
	Through	1144	2	423	0	1144	424	1	1159	2	439	0	1159	2	440	0	1159	2	440
	Through-Right		1							1				1				1	
	Right	124	0	124	5	129	129	32	157	0	157	5	162	0	162	0	162	0	162
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		212	North-South:		212	North-South:			286	North-South:			287	North-South:			287
		East-West:		587	East-West:		588	East-West:			606	East-West:			607	East-West:			607
		SUM:		799	SUM:		800	SUM:			892	SUM:			894	SUM:			894
VOLUME/CAPACITY (V/C) RATIO:				0.581			0.582				0.649				0.650				0.650
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.481			0.482				0.549				0.550				0.550
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	79	North-South Street:	I-110 SB Ramps	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	250	1	250	0	250	250	0	253	1	253	0	253	1	253	0	253	1	253
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	504	1	277	0	504	277	6	516	1	284	0	516	1	284	0	516	1	284
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	908	2	454	0	908	454	30	949	2	475	0	949	2	475	0	949	2	475
	Through-Right		1							1				1				1	
	Right	542	0	542	1	543	543	0	549	0	549	1	550	0	550	0	550	0	550
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	220	1	220	0	220	220	0	223	1	223	0	223	1	223	0	223	1	223
	Left-Through		0							0				0				0	
	Through	995	3	332	5	1000	333	35	1042	3	347	5	1047	3	349	0	1047	3	349
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		277	North-South:		277	North-South:			284	North-South:			284	North-South:			284
		East-West:		762	East-West:		763	East-West:			772	East-West:			773	East-West:			773
		SUM:		1039	SUM:		1040	SUM:			1056	SUM:			1057	SUM:			1057
VOLUME/CAPACITY (V/C) RATIO:				0.693			0.693				0.704				0.705				0.705
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.593			0.593				0.604				0.605				0.605
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	80	North-South Street:	I-110 NB Ramps/Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				1			1			1			1			1			1			1	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	351	1	249	5	356	304	0	355	1	303	5	360	1	358	0	360	1	358
	Left-Through		0							0				0				0	
	Through	26	0	249	105	131	304	104	130	0	303	105	235	0	358	0	235	0	358
	Through-Right		0							0				0				0	
	Right	120	0	0	0	120	0	0	121	0	0	0	121	0	0	0	121	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	13	1	13	0	13	13	0	13	1	13	0	13	1	13	0	13	1	13
	Left-Through		0							0				0				0	
	Through	6	1	6	0	6	6	92	98	1	98	0	98	1	98	0	98	1	98
	Through-Right		0							0				0				0	
	Right	77	1	62	0	77	62	0	78	1	63	0	78	1	63	0	78	1	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	30	1	30	0	30	30	0	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	607	2	304	0	607	304	30	644	2	322	0	644	2	322	0	644	2	322
	Through-Right		1							1				1				1	
	Right	381	0	257	0	381	229	0	386	0	235	0	386	0	207	0	386	0	207
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	146	1	146	0	146	146	0	148	1	148	0	148	1	148	0	148	1	148
	Left-Through		0							0				0				0	
	Through	778	2	269	0	778	269	35	822	2	283	0	822	2	283	0	822	2	283
	Through-Right		1							1				1				1	
	Right	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		311	North-South:		366	North-South:			401	North-South:			456	North-South:			456
		East-West:		450	East-West:		450	East-West:			470	East-West:			470	East-West:			470
		SUM:		761	SUM:		816	SUM:			871	SUM:			926	SUM:			926
VOLUME/CAPACITY (V/C) RATIO:				0.553			0.593				0.633				0.673				0.673
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.453			0.493				0.533				0.573				0.573
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.040 | Δv/c after mitigation: 0.040
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	81	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	James Wood	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	254	1	254	114	368	368	100	357	1	357	114	471	1	471	0	471	1	471
	Through-Right		0							0				0				0	
	Right	24	1	24	0	24	24	5	29	1	29	0	29	1	29	0	29	1	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	157	0	157	0	157	157	20	179	0	179	0	179	0	179	0	179	0	179
	Left-Through		1							1				1				1	
	Through	532	1	234	381	913	361	321	859	1	350	401	1260	1	484	0	1260	1	484
	Through-Right		1							1				1				1	
	Right	12	0	234	0	12	361	0	12	0	350	0	12	0	484	0	12	0	484
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		254		North-South:	368		North-South:		357		North-South:		471		North-South:		471
		East-West:		234		East-West:	361		East-West:		350		East-West:		484		East-West:		484
		SUM:		488		SUM:	729		SUM:		707		SUM:		955		SUM:		955
VOLUME/CAPACITY (v/c) RATIO:				0.325			0.486				0.471				0.637				0.637
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.225			0.386				0.371				0.537				0.537
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.166 | Δv/c after mitigation: 0.166 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	82	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	1	11	0	11	11	63	74	1	74	0	74	1	74	0	74	1	74
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	193	0	193	313	506	506	40	235	1	235	334	569	1	495	0	569	1	495
	Left-Through		1							1				1				1	
	Through	1054	3	312	790	1844	588	523	1590	4	318	810	2400	4	495	0	2400	4	495
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		11		North-South:	11		North-South:		74		North-South:		74		North-South:		74
		East-West:		312		East-West:	588		East-West:		318		East-West:		495		East-West:		495
		SUM:		323		SUM:	599		SUM:		392		SUM:		569		SUM:		569
VOLUME/CAPACITY (v/c) RATIO:				0.215			0.399				0.261				0.379				0.379
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.115			0.299				0.161				0.279				0.279
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.118 | Δv/c after mitigation: 0.118 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	83	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	609	3	179	232	841	239	537	1153	3	333	224	1377	3	390	0	1377	3	390
	Through-Right		1							1				1				1	
	Right	108	0	108	5	113	113	69	178	0	178	5	183	0	183	0	183	0	183
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	153	1	153	597	750	413	50	205	1	205	617	822	1	487	0	822	1	487
	Left-Through		1							1				1				1	
	Through	879	3	220	189	1068	356	535	1425	3	356	189	1614	3	487	0	1614	3	487
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		179		North-South:	239		North-South:		333		North-South:		390		North-South:		390
		East-West:		220		East-West:	413		East-West:		356		East-West:		487		East-West:		487
		SUM:		399		SUM:	652		SUM:		689		SUM:		877		SUM:		877
VOLUME/CAPACITY (v/c) RATIO:				0.266			0.435				0.459				0.585				0.585
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.166			0.335				0.359				0.485				0.485
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.126 | Δv/c after mitigation: 0.126 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	84	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	131	1	131	0	131	131	6	139	1	139	0	139	1	139	0	139	1	139
	Left-Through		0							0				0				0	
	Through	437	4	109	178	615	154	397	839	4	210	178	1017	4	254	0	1017	4	254
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	713	3	238	128	841	280	482	1204	3	401	128	1332	3	444	0	1332	3	444
	Through-Right		1							1				1				1	
	Right	297	0	297	66	363	363	122	423	0	423	66	489	0	489	0	489	0	489
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		131		North-South:	154		North-South:		210		North-South:		254		North-South:		254
		East-West:		297		East-West:	363		East-West:		423		East-West:		489		East-West:		489
		SUM:		428		SUM:	517		SUM:		633		SUM:		743		SUM:		743
VOLUME/CAPACITY (v/c) RATIO:				0.285			0.345				0.422				0.495				0.495
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.185			0.245				0.322				0.395				0.395
LEVEL OF SERVICE (LOS):				A			A				A				A				A

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PROJECT IMPACT

Change in v/c due to project: 0.073 | Δv/c after mitigation: 0.073 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	85	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	305	1	167	0	305	167	117	426	1	227	0	426	1	227	0	426	1	227
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	70	1	70	0	70	70	1	72	1	72	0	72	1	72	0	72	1	72
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	335	2	168	0	335	168	65	404	1	404	0	404	1	404	0	404	1	404
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	88	1	88	0	88	88	84	173	1	173	0	173	1	173	0	173	1	173
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	545	3	182	6	551	184	207	759	3	253	6	765	3	255	0	765	3	255
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	39	1	39	0	39	39	86	125	1	125	0	125	1	125	0	125	1	125
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	237		North-South:	237		North-South:	404		North-South:	404				North-South:	404	
		East-West:	182		East-West:	184		East-West:	253		East-West:	255				East-West:	255	
		SUM:	419		SUM:	421		SUM:	657		SUM:	659				SUM:	659	
VOLUME/CAPACITY (V/C) RATIO:			0.279			0.281			0.438			0.439					0.439	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.179			0.181			0.338			0.339					0.339	
LEVEL OF SERVICE (LOS):			A			A			A			A					A	

PROJECT IMPACT

Change in v/c due to project: 0.001 — Δv/c after mitigation: 0.001
Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	86	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	546	2	273	0	546	273	202	755	2	378	0	755	2	378	0	755	2	378
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	45	1	45	0	45	45	0	46	1	46	0	46	1	46	0	46	1	46
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	272	2	150	0	272	150	97	372	2	205	0	372	2	205	0	372	2	205
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	416	1	261	0	416	261	136	557	1	332	0	557	1	332	0	557	1	332
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	105	0	105	0	105	105	0	106	0	106	0	106	0	106	0	106	0	106
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	273		North-South:	273		North-South:	378		North-South:	378				North-South:	378	
		East-West:	261		East-West:	261		East-West:	332		East-West:	332				East-West:	332	
		SUM:	534		SUM:	534		SUM:	710		SUM:	710				SUM:	710	
VOLUME/CAPACITY (V/C) RATIO:			0.356			0.356			0.473			0.473					0.473	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.256			0.256			0.373			0.373					0.373	
LEVEL OF SERVICE (LOS):			A			A			A			A					A	

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: 0.000
Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	87	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	213	2	117	22	235	129	42	258	2	142	22	280	2	154	0	280	2	154
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	5	5	0	0	0	5	0	0	0	5	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	9	9	0	0	0	9	0	0	0	9	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	16	0	16	374	390	390	66	82	0	82	374	456	0	456	0	456	0	456
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	882	4	180	501	1383	346	418	1311	4	279	513	1824	4	456	0	1824	4	456
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	17	17	0	17	0	17	0	0	0	17	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	117		North-South:	129		North-South:	142		North-South:	154				North-South:	154	
		East-West:	180		East-West:	390		East-West:	279		East-West:	456				East-West:	456	
		SUM:	297		SUM:	519		SUM:	421		SUM:	610				SUM:	610	
VOLUME/CAPACITY (V/C) RATIO:			0.198			0.346			0.281			0.407					0.407	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.099			0.246			0.181			0.307					0.307	
LEVEL OF SERVICE (LOS):			A			A			A			A					A	

PROJECT IMPACT

Change in v/c due to project: 0.126 — Δv/c after mitigation: 0.126
Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	88	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	160	1	160	358	518	518	199	361	1	361	370	731	1	731	0	731	1	731
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	626	6	104	236	862	144	389	1023	6	171	236	1259	6	210	0	1259	6	210
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	713	4	178	517	1230	308	303	1025	4	256	517	1542	4	386	0	1542	4	386
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	120	1	120	329	449	449	21	142	1	142	329	471	1	471	0	471	1	471
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	160		North-South:	518		North-South:	361		North-South:	731				North-South:	731	
		East-West:	178		East-West:	449		East-West:	256		East-West:	471				East-West:	471	
		SUM:	338		SUM:	967		SUM:	617		SUM:	1202				SUM:	1202	
VOLUME/CAPACITY (V/C) RATIO:			0.225			0.645			0.411			0.801					0.801	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.125			0.545			0.311			0.701					0.701	
LEVEL OF SERVICE (LOS):			A			A			A			C					C	

PROJECT IMPACT

Change in v/c due to project: 0.390 — Δv/c after mitigation: 0.390
Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	89	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	479	4	**120**	312	791	198	355	840	4	**210**	312	1152	4	288	0	1152	4	288
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	105	1	105	483	588	**588**	5	111	1	111	483	594	1	**594**	0	594	1	**594**
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	67	0	67	35	102	102	48	116	0	116	35	151	0	151	0	151	0	151
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	698	3	**191**	363	1061	**291**	319	1025	3	**285**	363	1388	3	**385**	0	1388	3	**385**
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*	120		*North-South:*	588		*North-South:*	210			*North-South:*	594			*North-South:*	594	
		East-West:	191		*East-West:*	291		*East-West:*	285			*East-West:*	385			*East-West:*	385	
		SUM:	311		*SUM:*	879		*SUM:*	495			*SUM:*	979			*SUM:*	979	
VOLUME/CAPACITY (*V/C*) RATIO:			0.207			0.586			0.330				0.653				0.653	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.107			0.486			0.230				0.553				0.553	
LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in *v/c* due to project: 0.323 | *Δv/c* after mitigation: 0.323 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	90	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	15	1	**15**	0	15	**15**	6	21	1	**21**	0	21	1	**21**	0	21	1	**21**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	127	2	64	1	128	64	96	225	2	113	1	226	2	113	0	226	2	113
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	247	2	**124**	190	437	**219**	141	391	2	**196**	190	581	2	**291**	0	581	2	**291**
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	86	1	86	97	183	183	56	143	1	143	97	240	1	240	0	240	1	240
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	34	1	34	24	58	58	30	64	1	64	24	88	1	88	0	88	1	88
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	478	2	**177**	131	609	**221**	286	770	2	**278**	131	901	2	**322**	0	901	2	**322**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	54	0	54	0	54	54	10	65	0	65	0	65	0	65	0	65	0	65
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*	139		*North-South:*	234		*North-South:*	217			*North-South:*	312			*North-South:*	312	
		East-West:	177		*East-West:*	221		*East-West:*	278			*East-West:*	322			*East-West:*	322	
		SUM:	316		*SUM:*	455		*SUM:*	495			*SUM:*	634			*SUM:*	634	
VOLUME/CAPACITY (*V/C*) RATIO:			0.211			0.303			0.330				0.423				0.423	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.111			0.203			0.230				0.323				0.323	
LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in *v/c* due to project: 0.093 | *Δv/c* after mitigation: 0.093 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	91	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	43	1	**43**	0	43	**43**	49	93	1	**93**	0	93	1	**93**	0	93	1	**93**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	352	2	176	0	352	176	152	508	2	254	0	508	2	254	0	508	2	254
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	399	1	**237**	0	399	**237**	66	470	0	**595**	0	470	0	**595**	0	470	0	**595**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	74	1	74	0	74	74	50	125	0	0	0	125	0	0	0	125	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	445	2	**140**	155	600	**179**	228	678	2	**201**	155	833	2	**240**	0	833	2	**240**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	95	0	140	0	95	179	10	106	0	201	0	106	0	240	0	106	0	240
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*	280		*North-South:*	280		*North-South:*	688			*North-South:*	688			*North-South:*	688	
		East-West:	140		*East-West:*	179		*East-West:*	201			*East-West:*	240			*East-West:*	240	
		SUM:	420		*SUM:*	459		*SUM:*	889			*SUM:*	928			*SUM:*	928	
VOLUME/CAPACITY (*V/C*) RATIO:			0.295			0.322			0.624				0.651				0.651	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.195			0.222			0.524				0.551				0.551	
LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in *v/c* due to project: 0.027 | *Δv/c* after mitigation: 0.027 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	92	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	26	1	**26**	0	26	**26**	0	26	1	**26**	0	26	1	**26**	0	26	1	**26**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	49	1	49	0	49	49	9	59	1	59	0	59	1	59	0	59	1	59
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	39	1	16	0	39	16	0	39	1	10	0	39	1	10	0	39	1	10
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	8	1	8	0	8	8	0	8	1	8	0	8	1	8	0	8	1	8
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	170	1	**170**	0	170	**170**	56	228	1	**228**	0	228	1	**228**	0	228	1	**228**
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	24	1	15	0	24	15	9	33	1	5	0	33	1	5	0	33	1	5
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	19	1	**19**	0	19	19	38	57	1	**57**	0	57	1	57	0	57	1	57
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	360	2	180	202	562	**281**	84	448	2	224	202	650	2	**325**	0	650	2	**325**
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	85	1	72	0	85	72	15	101	1	88	0	101	1	88	0	101	1	88
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	46	1	46	0	46	**46**	11	58	1	58	0	58	1	**58**	0	58	1	**58**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	442	2	**221**	3	445	223	98	545	2	**273**	3	548	2	274	0	548	2	274
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	11	1	7	0	11	7	17	28	1	24	0	28	1	24	0	28	1	24
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*	196		*North-South:*	196		*North-South:*	254			*North-South:*	254			*North-South:*	254	
		East-West:	240		*East-West:*	327		*East-West:*	330			*East-West:*	383			*East-West:*	383	
		SUM:	436		*SUM:*	523		*SUM:*	584			*SUM:*	637			*SUM:*	637	
VOLUME/CAPACITY (*V/C*) RATIO:			0.291			0.349			0.389				0.425				0.425	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.221			0.279			0.289				0.325				0.325	
LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in *v/c* due to project: 0.036 | *Δv/c* after mitigation: 0.036 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	93	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		2
Override Capacity		0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	84	0	84	3	87	87	41	126	0	126	3	129	0	129	0	129	0	129
	Left-Through		1							1				1				1	
	Through	655	3	**156**	10	665	**182**	365	1028	3	**240**	10	1038	3	**265**	0	1038	3	**265**
	Through-Right		1							1				1				1	
	Right	43	0	156	116	159	182	0	44	0	240	116	160	0	265	0	160	0	265
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	199	2	**109**	0	199	109	80	281	2	**155**	0	281	2	155	0	281	2	155
	Left-Through		0							0				0				0	
	Through	306	2	153	202	508	**254**	72	382	2	191	202	584	2	**292**	0	584	2	**292**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	167	2	84	0	167	84	55	224	2	**112**	0	224	2	112	0	224	2	112
	Through-Right		0							0				0				0	
	Right	97	1	**97**	0	97	97	0	98	1	98	0	98	1	98	0	98	1	98
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		156	*North-South:*		182	*North-South:*			240	*North-South:*			265	*North-South:*			265
		East-West:		206	*East-West:*		254	*East-West:*			267	*East-West:*			292	*East-West:*			292
		SUM:		362	*SUM:*		436	*SUM:*			507	*SUM:*			557	*SUM:*			557
VOLUME/CAPACITY (*V/C*) RATIO:				0.254			0.306				0.356				0.391				0.391
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.184			0.236				0.256				0.291				0.291
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.035 — *Δv/c* after mitigation: 0.035

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	94	North-South Street:	Lucas	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		2
Override Capacity		0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	21	0	**21**	0	21	**21**	8	29	0	**29**	0	29	0	**29**	0	29	0	**29**
	Left-Through		0							0				0				0	
	Through	80	0	109	0	80	109	60	141	0	208	0	141	0	208	0	141	0	208
	Through-Right		0							0				0				0	
	Right	8	0	0	0	8	0	30	38	0	0	0	38	0	0	0	38	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	19	0	19	157	176	176	30	49	0	49	157	206	0	206	0	206	0	206
	Left-Through		0							0				0				0	
	Through	87	0	**179**	160	247	**496**	63	151	0	**280**	160	311	0	**597**	0	311	0	**597**
	Through-Right		0							0				0				0	
	Right	73	0	0	0	73	0	6	80	0	0	0	80	0	0	0	80	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	72	1	72	0	72	72	3	76	1	**76**	0	76	1	**76**	0	76	1	**76**
	Left-Through		0							0				0				0	
	Through	393	1	**208**	12	405	**214**	176	574	1	301	12	586	1	307	0	586	1	307
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	6	28	0	28	0	28	0	28	0	28	0	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	6	1	**6**	0	6	**6**	3	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	231	1	119	0	231	119	184	418	1	**246**	0	418	1	**246**	0	418	1	**246**
	Through-Right		1							1				1				1	
	Right	7	0	7	0	7	7	67	74	0	74	0	74	0	74	0	74	0	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		200	*North-South:*		517	*North-South:*			309	*North-South:*			626	*North-South:*			626
		East-West:		214	*East-West:*		220	*East-West:*			322	*East-West:*			322	*East-West:*			322
		SUM:		414	*SUM:*		737	*SUM:*			631	*SUM:*			948	*SUM:*			948
VOLUME/CAPACITY (*V/C*) RATIO:				0.276			0.491				0.421				0.632				0.632
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.206			0.421				0.321				0.532				0.532
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.211 — *Δv/c* after mitigation: 0.211

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	95	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		2
Override Capacity		0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	18	1	**18**	0	18	**18**	2	20	1	**20**	0	20	1	**20**	0	20	1	**20**
	Left-Through		0							0				0				0	
	Through	37	0	55	0	37	55	16	53	0	94	0	53	0	94	0	53	0	94
	Through-Right		1							1				1				1	
	Right	18	0	0	0	18	0	23	41	0	0	0	41	0	0	0	41	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	24	1	24	0	24	24	4	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	80	0	**100**	0	80	**100**	10	91	0	**122**	0	91	0	**122**	0	91	0	**122**
	Through-Right		1							1				1				1	
	Right	20	0	0	0	20	0	11	31	0	0	0	31	0	0	0	31	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	20	1	20	0	20	20	15	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	324	1	**205**	170	494	**290**	262	590	1	**343**	170	760	1	**428**	0	760	1	**428**
	Through-Right		1							1				1				1	
	Right	86	0	86	0	86	86	9	96	0	96	0	96	0	96	0	96	0	96
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	32	1	**32**	0	32	**32**	7	39	1	**39**	0	39	1	**39**	0	39	1	**39**
	Left-Through		0							0				0				0	
	Through	207	1	117	0	207	117	263	472	1	252	0	472	1	252	0	472	1	252
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	6	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		118	*North-South:*		118	*North-South:*			142	*North-South:*			142	*North-South:*			142
		East-West:		237	*East-West:*		322	*East-West:*			382	*East-West:*			467	*East-West:*			467
		SUM:		355	*SUM:*		440	*SUM:*			524	*SUM:*			609	*SUM:*			609
VOLUME/CAPACITY (*V/C*) RATIO:				0.237			0.293				0.349				0.406				0.406
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.167			0.223				0.249				0.306				0.306
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.057 — *Δv/c* after mitigation: 0.057

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	96	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		2
Override Capacity		0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	878	5	**146**	7	885	**148**	411	1300	5	**217**	7	1307	5	**218**	0	1307	5	**218**
	Through-Right		1							1				1				1	
	Right	86	1	86	3	89	89	34	121	1	121	3	124	1	124	0	124	1	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	105	1	105	42	147	147	127	233	1	233	42	275	1	275	0	275	1	275
	Left-Through		1							1				1				1	
	Through	845	4	**169**	958	1803	**361**	443	1298	4	**260**	958	2256	4	**451**	0	2256	4	**451**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		146	*North-South:*		148	*North-South:*			217	*North-South:*			218	*North-South:*			218
		East-West:		169	*East-West:*		361	*East-West:*			260	*East-West:*			451	*East-West:*			451
		SUM:		315	*SUM:*		509	*SUM:*			477	*SUM:*			669	*SUM:*			669
VOLUME/CAPACITY (*V/C*) RATIO:				0.210			0.339				0.318				0.446				0.446
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.140			0.269				0.218				0.346				0.346
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.128 — *Δv/c* after mitigation: 0.128

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	97	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	124	2	68	51	175	96	1	126	2	69	51	177	2	97	0	177	2	97
	↰	Left-Through		0							0				0				0	
	↑	Through	310	4	78	423	733	183	260	574	4	144	423	997	4	249	0	997	4	249
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	→	Through	754	3	190	465	1219	382	303	1066	3	288	465	1531	3	480	0	1531	3	480
	↱	Through-Right		1							1				1				1	
	↱	Right	195	1	0	496	691	0	175	372	1	0	496	868	1	0	0	868	1	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		78	North-South:		183	North-South:			144	North-South:			249	North-South:			249
			East-West:		190	East-West:		382	East-West:			288	East-West:			480	East-West:			480
			SUM:		268	SUM:		565	SUM:			432	SUM:			729	SUM:			729
	VOLUME/CAPACITY (V/C) RATIO:				0.179			0.377				0.288				0.486				0.486
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.116			0.307				0.188				0.386				0.386
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.198 — Δv/c after mitigation: 0.198

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	98	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	96	0	96	0	96	96	9	106	0	106	0	106	0	106	0	106	0	106
	↰	Left-Through		1							1				1				1	
	↑	Through	316	3	103	357	673	192	204	524	3	158	357	881	3	247	0	881	3	247
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	→	Through	735	4	167	182	917	229	264	1008	4	231	182	1190	4	294	0	1190	4	294
	↱	Through-Right		1							1				1				1	
	↱	Right	98	0	98	136	234	234	47	146	0	146	136	282	0	282	0	282	0	282
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		103	North-South:		192	North-South:			158	North-South:			247	North-South:			247
			East-West:		167	East-West:		234	East-West:			231	East-West:			294	East-West:			294
			SUM:		270	SUM:		426	SUM:			389	SUM:			541	SUM:			541
	VOLUME/CAPACITY (V/C) RATIO:				0.180			0.284				0.259				0.361				0.361
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.117			0.214				0.159				0.261				0.261
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.102 — Δv/c after mitigation: 0.102

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	99	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	188	1	132	0	188	132	116	306	1	191	0	306	1	191	0	306	1	191
	↱	Through-Right		1							1				1				1	
	↱	Right	75	0	75	0	75	75	0	76	0	76	0	76	0	76	0	76	0	76
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	48	1	48	0	48	48	27	76	1	76	0	76	1	76	0	76	1	76
	↰	Left-Through		0							0				0				0	
	↑	Through	287	3	96	180	467	156	196	486	3	162	180	666	3	222	0	666	3	222
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	↰	Left-Through		1							1				1				1	
	→	Through	621	2	181	2	623	216	245	873	2	254	3	876	2	289	0	876	2	289
	↱	Through-Right		1							1				1				1	
	↱	Right	75	0	181	138	213	216	37	113	0	254	138	251	0	289	0	251	0	289
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		180	North-South:		180	North-South:			267	North-South:			267	North-South:			267
			East-West:		181	East-West:		216	East-West:			254	East-West:			289	East-West:			289
			SUM:		361	SUM:		396	SUM:			521	SUM:			556	SUM:			556
	VOLUME/CAPACITY (V/C) RATIO:				0.241			0.264				0.347				0.371				0.371
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.171			0.194				0.247				0.271				0.271
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.024 — Δv/c after mitigation: 0.024

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	100	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	121	0	121	0	121	121	40	162	0	162	0	162	0	162	0	162	0	162
	↰	Left-Through		1							1				1				1	
	↑	Through	547	4	134	213	760	176	313	867	2	343	213	1080	2	414	0	1080	2	414
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	→	Through	606	3	187	2	608	188	240	853	3	255	2	855	3	255	0	855	3	255
	↱	Through-Right		1							1				1				1	
	↱	Right	142	0	142	0	142	142	22	166	0	166	0	166	0	166	0	166	0	166
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		134	North-South:		176	North-South:			343	North-South:			414	North-South:			414
			East-West:		187	East-West:		188	East-West:			255	East-West:			255	East-West:			255
			SUM:		321	SUM:		364	SUM:			598	SUM:			669	SUM:			669
	VOLUME/CAPACITY (V/C) RATIO:				0.214			0.243				0.399				0.446				0.446
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.144			0.173				0.299				0.346				0.346
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.047 — Δv/c after mitigation: 0.047

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	101	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	442	4	111	9	451	113	343	790	4	198	9	799	4	200	0	799	4	200
	Through-Right		0							0				0				0	
	Right	94	1	94	0	94	94	30	125	1	125	0	125	1	125	0	125	1	125
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	184	0	184	0	184	184	88	274	0	274	0	274	0	274	0	274	0	274
	Left-Through		1							1				1				1	
	Through	516	3	172	2	518	173	192	714	3	238	2	716	3	239	0	716	3	239
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		111	North-South:		113	North-South:			198	North-South:			200	North-South:			200
		East-West:		184	East-West:		184	East-West:			274	East-West:			274	East-West:			274
		SUM:		295	SUM:		297	SUM:			472	SUM:			474	SUM:			474
VOLUME/CAPACITY (v/c) RATIO:				0.197			0.198				0.315				0.316				0.316
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.128			0.129				0.215				0.216				0.216
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	102	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	399	3	140	0	399	140	267	671	3	235	0	671	3	235	0	671	3	235
	Left-Through		0							0				0				0	
	Through	565	4	141	124	689	172	272	844	4	211	124	968	4	242	0	968	4	242
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	693	5	116	0	693	130	320	1021	5	170	0	1021	5	181	0	1021	5	181
	Through-Right		1							1				1				1	
	Right	103	1	103	116	219	0	28	132	1	132	116	248	1	0	0	248	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		141	North-South:		172	North-South:			235	North-South:			242	North-South:			242
		East-West:		116	East-West:		130	East-West:			170	East-West:			181	East-West:			181
		SUM:		257	SUM:		302	SUM:			405	SUM:			423	SUM:			423
VOLUME/CAPACITY (v/c) RATIO:				0.171			0.201				0.270				0.282				0.282
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.111			0.131				0.170				0.182				0.182
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.012 | Δv/c after mitigation: 0.012 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	103	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	250	3	83	289	539	180	120	373	3	124	289	662	3	221	0	662	3	221
	Through-Right		0							0				0				0	
	Right	64	1	64	111	175	175	9	74	1	74	111	185	1	185	0	185	1	185
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	164	1	140	68	232	186	78	244	1	235	68	312	1	281	0	312	1	281
	Left-Through		1							1				1				1	
	Through	538	3	140	161	699	186	387	931	3	235	161	1092	3	281	0	1092	3	281
	Through-Right		1							1				1				1	
	Right	35	0	35	5	40	40	4	39	0	39	5	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		83	North-South:		180	North-South:			124	North-South:			221	North-South:			221
		East-West:		140	East-West:		186	East-West:			235	East-West:			281	East-West:			281
		SUM:		223	SUM:		366	SUM:			359	SUM:			502	SUM:			502
VOLUME/CAPACITY (v/c) RATIO:				0.149			0.244				0.239				0.335				0.335
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.097			0.174				0.139				0.235				0.235
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.096 | Δv/c after mitigation: 0.096 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	104	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 2, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	232	2	128	0	232	128	27	262	2	144	0	262	2	144	0	262	2	144
	Left-Through		0							0				0				0	
	Through	273	3	91	11	284	95	243	519	3	173	11	530	3	177	0	530	3	177
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	100	2	55	0	100	55	40	141	2	78	0	141	2	78	0	141	2	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	385	3	106	234	619	164	402	792	3	210	234	1026	3	268	0	1026	3	268
	Through-Right		1							1				1				1	
	Right	37	0	37	1	38	38	9	46	0	46	1	47	0	47	0	47	0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		183	North-South:		183	North-South:			222	North-South:			222	North-South:			222
		East-West:		106	East-West:		164	East-West:			210	East-West:			268	East-West:			268
		SUM:		289	SUM:		347	SUM:			432	SUM:			490	SUM:			490
VOLUME/CAPACITY (v/c) RATIO:				0.203			0.244				0.303				0.344				0.344
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.133			0.174				0.203				0.244				0.244
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.041 | Δv/c after mitigation: 0.041 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	105	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	37	1	37	0	37	37	1	38	1	38	0	38	1	38	0	38	1	38
	Left-Through		0							0				0				0	
	Through	175	2	88	0	175	88	115	292	2	146	0	292	2	146	0	292	2	146
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	282	2	124	213	495	229	209	494	2	247	213	707	2	354	0	707	2	354
	Through-Right		1							1				1				1	
	Right	90	0	90	103	193	193	209	300	0	300	103	403	0	403	0	403	0	403
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	18	1	18	8	26	26	14	32	1	32	8	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	268	3	83	131	399	115	201	472	3	143	131	603	3	175	0	603	3	175
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	35	98	0	98	0	98	0	98	0	98	0	98
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		161	North-South:		266	North-South:			338	North-South:			441	North-South:			441
		East-West:		83	East-West:		115	East-West:			143	East-West:			175	East-West:			175
		SUM:		244	SUM:		381	SUM:			481	SUM:			616	SUM:			616
VOLUME/CAPACITY (V/C) RATIO:				0.163			0.254				0.321				0.411				0.411
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.106			0.184				0.221				0.311				0.311
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.090 | Δv/c after mitigation: 0.090 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	106	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	460	4	101	213	673	168	324	790	3	263	213	1003	3	334	0	1003	3	334
	Through-Right		1							1				1				1	
	Right	47	0	47	140	187	187	142	190	1	190	140	330	1	330	0	330	1	330
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	156	0	156	0	156	156	29	187	0	187	0	187	0	187	0	187	0	187
	Left-Through		1							1				1				1	
	Through	248	3	83	0	248	83	146	397	3	132	0	397	3	132	0	397	3	132
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		101	North-South:		187	North-South:			263	North-South:			334	North-South:			334
		East-West:		156	East-West:		156	East-West:			187	East-West:			187	East-West:			187
		SUM:		257	SUM:		343	SUM:			450	SUM:			521	SUM:			521
VOLUME/CAPACITY (V/C) RATIO:				0.171			0.229				0.300				0.347				0.347
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.111			0.159				0.200				0.247				0.247
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.047 | Δv/c after mitigation: 0.047 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	107	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	177	1	177	0	177	177	34	213	1	213	0	213	1	213	0	213	1	213
	Left-Through		0							0				0				0	
	Through	475	4	119	9	484	121	397	878	4	220	9	887	4	222	0	887	4	222
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	233	3	78	0	233	78	141	377	3	117	0	377	3	117	0	377	3	117
	Through-Right		1							1				1				1	
	Right	81	0	81	0	81	81	8	90	0	90	0	90	0	90	0	90	0	90
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		177	North-South:		177	North-South:			220	North-South:			222	North-South:			222
		East-West:		81	East-West:		81	East-West:			117	East-West:			117	East-West:			117
		SUM:		258	SUM:		258	SUM:			337	SUM:			339	SUM:			339
VOLUME/CAPACITY (V/C) RATIO:				0.172			0.172				0.225				0.226				0.226
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.112			0.112				0.125				0.126				0.126
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	108	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	2nd	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 3 WB-- 3 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	52	2	29	3	55	30	19	72	2	40	3	75	2	41	0	75	2	41
	Left-Through		0							0				0				0	
	Through	381	2	152	0	381	152	188	574	2	218	0	574	2	218	0	574	2	218
	Through-Right		1							1				1				1	
	Right	75	0	75	0	75	75	4	80	0	80	0	80	0	80	0	80	0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	33	2	18	0	33	18	2	35	2	19	0	35	2	19	0	35	2	19
	Left-Through		0							0				0				0	
	Through	181	1	102	0	181	102	0	183	1	103	0	183	1	103	0	183	1	103
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	181	2	91	18	199	100	21	204	2	102	18	222	2	111	0	222	2	111
	Through-Right		0							0				0				0	
	Right	141	1	112	0	141	111	8	151	1	111	0	151	1	110	0	151	1	110
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	26	1	26	0	26	26	0	26	1	26	0	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	100	2	50	0	100	50	16	117	2	59	0	117	2	59	0	117	2	59
	Through-Right		0							0				0				0	
	Right	14	1	5	0	14	5	0	14	1	5	0	14	1	5	0	14	1	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		170	North-South:		170	North-South:			237	North-South:			237	North-South:			237
		East-West:		138	East-West:		137	East-West:			137	East-West:			137	East-West:			137
		SUM:		308	SUM:		307	SUM:			374	SUM:			374	SUM:			374
VOLUME/CAPACITY (V/C) RATIO:				0.216			0.215				0.262				0.262				0.262
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.146			0.145				0.162				0.162				0.162
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	109	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	45	1	45	0	45	45	1	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	160	1	**103**	0	160	**103**	51	213	1	**141**	0	213	1	**141**	0	213	1	**141**
	Through-Right		1							1				1				1	
	Right	45	0	45	0	45	45	22	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	1	**31**	0	31	**31**	0	31	1	**31**	0	31	1	**31**	0	31	1	**31**
	Left-Through		0							0				0				0	
	Through	129	2	65	0	129	65	37	168	2	84	0	168	2	84	0	168	2	84
	Through-Right		0							0				0				0	
	Right	58	1	45	0	58	45	20	79	1	56	0	79	1	56	0	79	1	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	26	1	26	0	26	26	21	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	211	2	**80**	29	240	**90**	176	390	2	**140**	29	419	2	**150**	0	419	2	**150**
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	0	30	0	30	0	30	0	30	0	30	0	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	31	1	**31**	0	31	**31**	2	33	1	**33**	0	33	1	**33**	0	33	1	**33**
	Left-Through		0							0				0				0	
	Through	157	2	63	0	157	63	163	322	2	118	0	322	2	118	0	322	2	118
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		134	*North-South:*		134	*North-South:*			172	*North-South:*			172	*North-South:*			172
		East-West:		111	*East-West:*		121	*East-West:*			173	*East-West:*			183	*East-West:*			183
		SUM:		245	*SUM:*		255	*SUM:*			345	*SUM:*			355	*SUM:*			355
VOLUME/CAPACITY (*V/C*) RATIO:				0.163			0.170				0.230				0.237				0.237
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.106			0.111				0.130				0.137				0.137
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.007 — *Δv/c* after mitigation: 0.007

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	110	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4				4				4				4				4				4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0
	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	16	1	16	0	16	**16**	0	16	1	16	0	16	1	**16**	0	16	1	**16**
	Left-Through		0							0				0				0	
	Through	100	2	**50**	0	100	50	17	118	2	**59**	0	118	2	59	0	118	2	59
	Through-Right		1							1				1				1	
	Right	55	1	22	0	55	22	0	56	1	6	0	56	1	6	0	56	1	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	111	1	**111**	20	131	131	45	157	1	**157**	20	177	1	177	0	177	1	177
	Left-Through		0							0				0				0	
	Through	88	1	55	345	433	**228**	52	141	1	82	345	486	1	**254**	0	486	1	**254**
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	64	1	64	0	64	64	7	72	1	72	0	72	1	72	0	72	1	72
	Left-Through		0							0				0				0	
	Through	325	2	**163**	29	354	**177**	209	538	2	**269**	29	567	2	**284**	0	567	2	**284**
	Through-Right		0							0				0				0	
	Right	84	1	68	0	84	68	18	103	1	87	0	103	1	87	0	103	1	87
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	33	1	**33**	0	33	**33**	17	50	1	**50**	0	50	1	**50**	0	50	1	**50**
	Left-Through		0							0				0				0	
	Through	200	2	88	0	200	88	161	363	2	155	0	363	2	155	0	363	2	155
	Through-Right		1							1				1				1	
	Right	65	0	65	0	65	65	35	101	0	101	0	101	0	101	0	101	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		161	*North-South:*		244	*North-South:*			216	*North-South:*			270	*North-South:*			270
		East-West:		196	*East-West:*		210	*East-West:*			319	*East-West:*			334	*East-West:*			334
		SUM:		357	*SUM:*		454	*SUM:*			535	*SUM:*			604	*SUM:*			604
VOLUME/CAPACITY (*V/C*) RATIO:				0.260			0.330				0.389				0.439				0.439
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.190			0.260				0.289				0.339				0.339
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.050 — *Δv/c* after mitigation: 0.050

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	111	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3				3				3				3				3				3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	19	1	**19**	0	19	**19**	23	42	1	42	0	42	1	**42**	0	42	1	**42**
	Left-Through		0							0				0				0	
	Through	56	2	28	0	56	28	57	114	2	57	0	114	2	57	0	114	2	57
	Through-Right		0							0				0				0	
	Right	14	1	0	0	14	0	258	272	1	**236**	0	272	1	235	0	272	1	235
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	61	1	61	0	61	61	106	168	1	**168**	0	168	1	168	0	168	1	168
	Left-Through		0							0				0				0	
	Through	301	1	**180**	366	667	**363**	92	397	1	237	366	763	1	**420**	0	763	1	**420**
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	17	77	0	77	0	77	0	77	0	77	0	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	81	1	**81**	0	81	81	0	82	1	**82**	0	82	1	**82**	0	82	1	**82**
	Left-Through		0							0				0				0	
	Through	262	2	131	20	282	141	226	491	2	218	20	511	2	234	0	511	2	234
	Through-Right		1							1				1				1	
	Right	131	0	122	29	160	**151**	29	162	0	162	29	191	0	191	0	191	0	191
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	106	2	58	5	111	**61**	11	118	2	36	5	123	2	37	0	123	2	37
	Left-Through		0							0				0				0	
	Through	229	2	**114**	0	229	114	173	405	2	**203**	0	405	2	**203**	0	405	2	**203**
	Through-Right		1							1				1				1	
	Right	114	0	114	0	114	114	101	216	0	132	0	216	0	132	0	216	0	132
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		199	*North-South:*		382	*North-South:*			404	*North-South:*			462	*North-South:*			462
		East-West:		195	*East-West:*		212	*East-West:*			285	*East-West:*			285	*East-West:*			285
		SUM:		394	*SUM:*		594	*SUM:*			689	*SUM:*			747	*SUM:*			747
VOLUME/CAPACITY (*V/C*) RATIO:				0.276			0.417				0.484				0.524				0.524
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.206			0.347				0.384				0.424				0.424
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.040 — *Δv/c* after mitigation: 0.040

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	112	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3				3				3				3				3				3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	80	2	44	0	80	44	171	252	2	**139**	0	252	2	**139**	0	252	2	**139**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	159	2	**63**	3	162	**65**	85	246	2	91	3	249	2	93	0	249	2	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	353	2	**129**	20	373	**135**	282	639	2	**306**	20	659	2	**313**	0	659	2	**313**
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	247	280	0	280	0	280	0	280	0	280	0	280
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	1	**24**	0	24	**24**	20	44	1	**44**	0	44	1	**44**	0	44	1	**44**
	Left-Through		0							0				0				0	
	Through	281	3	94	5	286	95	114	398	3	133	5	403	3	134	0	403	3	134
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		63	*North-South:*		65	*North-South:*			139	*North-South:*			139	*North-South:*			139
		East-West:		153	*East-West:*		159	*East-West:*			350	*East-West:*			357	*East-West:*			357
		SUM:		216	*SUM:*		224	*SUM:*			489	*SUM:*			496	*SUM:*			496
VOLUME/CAPACITY (*V/C*) RATIO:				0.152			0.157				0.343				0.348				0.348
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.099			0.102				0.243				0.248				0.248
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.005 — *Δv/c* after mitigation: 0.005

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	113	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	19	1	**19**	0	19	**19**	0	19	1	19	0	19	1	**19**	0	19	1	**19**
	Left-Through		0							0				0				0	
	Through	139	1	81	0	139	81	124	265	1	**147**	0	265	1	147	0	265	1	147
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	5	28	0	28	0	28	0	28	0	28	0	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	55	1	55	0	55	55	0	56	1	**56**	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	289	2	**120**	305	594	**223**	135	427	2	166	305	732	2	**270**	0	732	2	**270**
	Through-Right		1							1				1				1	
	Right	71	0	71	5	76	76	0	72	0	72	5	77	0	77	0	77	0	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	76	1	**76**	0	76	**76**	28	105	1	105	0	105	1	105	0	105	1	105
	Left-Through		0							0				0				0	
	Through	272	2	98	3	275	105	289	564	2	**212**	3	567	2	**219**	0	567	2	**219**
	Through-Right		1							1				1				1	
	Right	21	0	21	20	41	41	50	71	0	71	20	91	0	91	0	91	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	16	1	16	0	16	16	122	138	1	**138**	0	138	1	**138**	0	138	1	**138**
	Left-Through		0							0				0				0	
	Through	232	2	**85**	0	232	**85**	134	369	2	130	0	369	2	130	0	369	2	130
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		139	North-South:		242	North-South:			203	North-South:			289	North-South:			289
		East-West:		161	East-West:		161	East-West:			350	East-West:			357	East-West:			357
		SUM:		300	SUM:		403	SUM:			553	SUM:			646	SUM:			646
VOLUME/CAPACITY (V/C) RATIO:				0.211			0.283				0.388				0.453				0.453
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.141**			**0.213**				**0.288**				**0.353**				**0.353**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.065 | Δv/c after mitigation: 0.065 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	114	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 3, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	10	0	10	0	10	10	3	13	0	13	0	13	0	13	0	13	0	13
	Left-Through		1							1				1				1	
	Through	288	3	**75**	365	653	**166**	392	683	2	**232**	366	1049	2	**354**	0	1049	2	**354**
	Through-Right		1							0				0				0	
	Right	42	1	10	0	42	10	69	112	1	80	0	112	1	80	0	112	1	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	32	1	32	0	32	32	0	32	1	32	0	32	1	32	0	32	1	32
	Left-Through		0							0				0				0	
	Through	233	2	**86**	3	236	**87**	233	469	2	**173**	3	472	2	**174**	0	472	2	**174**
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	24	49	0	49	0	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	1	**22**	0	22	**22**	12	34	1	**34**	0	34	1	**34**	0	34	1	**34**
	Left-Through		0							0				0				0	
	Through	161	2	54	0	161	54	189	352	2	118	0	352	2	118	0	352	2	118
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		75	North-South:		166	North-South:			232	North-South:			354	North-South:			354
		East-West:		108	East-West:		109	East-West:			207	East-West:			208	East-West:			208
		SUM:		183	SUM:		275	SUM:			439	SUM:			562	SUM:			562
VOLUME/CAPACITY (V/C) RATIO:				0.128			0.193				0.308				0.394				0.394
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.083**			**0.125**				**0.208**				**0.294**				**0.294**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.086 | Δv/c after mitigation: 0.086 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	115	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	34	0	34	0	34	34	24	58	0	58	0	58	0	58	0	58	0	58
	Left-Through		1							1				1				1	
	Through	250	2	**83**	9	259	**85**	449	702	2	**207**	9	711	2	**209**	0	711	2	**209**
	Through-Right		1							1				1				1	
	Right	47	0	83	0	47	85	18	66	0	207	0	66	0	209	0	66	0	209
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	60	1	60	3	63	63	118	179	1	**179**	3	182	1	**182**	0	182	1	**182**
	Left-Through		0							0				0				0	
	Through	444	3	**148**	0	444	**148**	118	567	3	189	0	567	3	189	0	567	3	189
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	195	2	73	0	195	73	178	375	2	**134**	0	375	2	**134**	0	375	2	**134**
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	3	26	0	26	0	26	0	26	0	26	0	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		83	North-South:		85	North-South:			207	North-South:			209	North-South:			209
		East-West:		148	East-West:		148	East-West:			313	East-West:			316	East-West:			316
		SUM:		231	SUM:		233	SUM:			520	SUM:			525	SUM:			525
VOLUME/CAPACITY (V/C) RATIO:				0.162			0.164				0.365				0.368				0.368
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.105**			**0.106**				**0.265**				**0.268**				**0.268**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.003 | Δv/c after mitigation: 0.003 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	116	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Temple/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	24	1	**24**	0	24	**24**	0	24	1	24	0	24	1	24	0	24	1	24
	Left-Through		0							0				0				0	
	Through	77	1	**77**	0	77	77	59	137	1	**108**	0	137	1	**108**	0	137	1	**108**
	Through-Right		1							1				1				1	
	Right	78	0	53	0	78	53	0	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	182	1	**182**	19	201	201	59	243	1	**243**	19	262	1	**262**	0	262	1	**262**
	Left-Through		0							0				0				0	
	Through	126	1	86	365	491	**268**	54	182	1	114	365	547	1	297	0	547	1	297
	Through-Right		1							1				1				1	
	Right	45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	133	1	133	0	133	133	30	165	1	165	0	165	1	165	0	165	1	165
	Left-Through		0							0				0				0	
	Through	373	1	**220**	0	373	**220**	86	463	1	**286**	0	463	1	**286**	0	463	1	**286**
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	40	108	0	108	0	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	51	1	**51**	0	51	**51**	3	55	1	**55**	0	55	1	**55**	0	55	1	**55**
	Left-Through		0							0				0				0	
	Through	276	2	138	0	276	138	29	308	2	154	0	308	2	154	0	308	2	154
	Through-Right		1							0				0				0	
	Right	116	1	25	0	116	16	35	152	1	31	0	152	1	21	0	152	1	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		259	North-South:		292	North-South:			351	North-South:			370	North-South:			370
		East-West:		271	East-West:		271	East-West:			341	East-West:			341	East-West:			341
		SUM:		530	SUM:		563	SUM:			692	SUM:			711	SUM:			711
VOLUME/CAPACITY (V/C) RATIO:				0.372			0.395				0.486				0.499				0.499
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.302**			**0.325**				**0.386**				**0.399**				**0.399**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.013 | Δv/c after mitigation: 0.013 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	117	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Aliso	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases		2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1			
Override Capacity		0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	266	3	89	6	272	91	360	629	3	210	6	635	3	212	0	635	3	212
	Through-Right		0							0				0				0	
	Right	94	1	94	6	100	100	209	304	1	304	6	310	1	310	0	310	1	310
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	118	0	118	0	118	118	54	173	0	173	0	173	0	173	0	173	0	173
	Left-Through		1							1				1				1	
	Through	370	2	163	0	370	163	302	676	2	283	0	676	2	283	0	676	2	283
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		94	North-South:		100	North-South:			304	North-South:			310	North-South:			310
		East-West:		163	East-West:		163	East-West:			283	East-West:			283	East-West:			283
		SUM:		257	SUM:		263	SUM:			587	SUM:			593	SUM:			593
VOLUME/CAPACITY (v/c) RATIO:				0.171			0.175				0.391				0.395				0.395
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.111			0.114				0.291				0.295				0.295
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.004 | Δv/c after mitigation: 0.004

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	118	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Aliso	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases		2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	2	0	2
ATSAC-1 or ATSAC+ATCS-2?		1			
Override Capacity		0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	162	2	81	0	162	81	11	175	2	88	0	175	2	88	0	175	2	88
	Through-Right		0							0				0				0	
	Right	16	1	16	0	16	16	52	68	1	68	0	68	1	68	0	68	1	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	88	0	88	0	88	88	0	89	0	89	0	89	0	89	0	89	0	89
	Left-Through		1							1				1				1	
	Through	271	2	120	0	271	120	18	292	2	127	0	292	2	127	0	292	2	127
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	20	0	20	0	20	20	65	85	0	85	0	85	0	85	0	85	0	85
	Left-Through		1							1				1				1	
	Through	414	2	115	6	420	116	392	811	2	243	6	817	2	245	0	817	2	245
	Through-Right		1							1				1				1	
	Right	24	0	115	0	24	116	53	77	0	243	0	77	0	245	0	77	0	245
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		169	North-South:		169	North-South:			177	North-South:			177	North-South:			177
		East-West:		115	East-West:		116	East-West:			243	East-West:			245	East-West:			245
		SUM:		284	SUM:		285	SUM:			420	SUM:			422	SUM:			422
VOLUME/CAPACITY (v/c) RATIO:				0.189			0.190				0.280				0.281				0.281
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.123			0.124				0.180				0.181				0.181
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	119	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	I-110 On-Ramp/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases		3			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	3	3	0
ATSAC-1 or ATSAC+ATCS-2?		1			
Override Capacity		0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	167	1	167	0	167	167	161	330	1	330	0	330	1	330	0	330	1	330
	Left-Through		0							0				0				0	
	Through	229	2	115	0	229	115	92	324	2	162	0	324	2	162	0	324	2	162
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	301	2	151	51	352	176	114	419	2	210	51	470	2	235	0	470	2	235
	Through-Right		0							0				0				0	
	Right	272	1	272	0	272	272	88	363	1	363	0	363	1	363	0	363	1	363
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	58	0	58	0	58	58	31	90	0	90	0	90	0	90	0	90	0	90
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	214	1	0	309	523	124	121	338	1	0	309	647	1	39	0	647	1	39
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		439	North-South:		439	North-South:			693	North-South:			693	North-South:			693
		East-West:		58	East-West:		124	East-West:			90	East-West:			90	East-West:			90
		SUM:		497	SUM:		563	SUM:			783	SUM:			783	SUM:			783
VOLUME/CAPACITY (v/c) RATIO:				0.349			0.395				0.549				0.549				0.549
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.279			0.325				0.449				0.449				0.449
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	120	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Sunset	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases		2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	1	0	2
ATSAC-1 or ATSAC+ATCS-2?		1			
Override Capacity		0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	165	0	165	0	165	165	0	167	0	167	0	167	0	167	0	167	0	167
	Left-Through		0							0				0				0	
	Through	45	0	297	0	45	297	41	87	0	370	0	87	0	370	0	87	0	370
	Through-Right		0							0				0				0	
	Right	87	0	0	0	87	0	28	116	0	0	0	116	0	0	0	116	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	32	0	32	0	32	32	63	95	0	95	0	95	0	95	0	95	0	95
	Left-Through		1							1				1				1	
	Through	58	1	45	0	58	45	41	100	1	98	0	100	1	98	0	100	1	98
	Through-Right		0							0				0				0	
	Right	57	1	0	0	57	0	11	69	1	0	0	69	1	0	0	69	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	24	1	24	0	24	24	0	24	1	24	0	24	1	24	0	24	1	24
	Left-Through		0							0				0				0	
	Through	568	2	213	51	619	230	89	664	2	245	51	715	2	262	0	715	2	262
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	0	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	68	1	68	0	68	68	31	100	1	100	0	100	1	100	0	100	1	100
	Left-Through		0							0				0				0	
	Through	766	2	263	0	766	263	94	869	2	297	0	869	2	297	0	869	2	297
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		329	North-South:		329	North-South:			465	North-South:			465	North-South:			465
		East-West:		287	East-West:		298	East-West:			345	East-West:			362	East-West:			362
		SUM:		616	SUM:		627	SUM:			810	SUM:			827	SUM:			827
VOLUME/CAPACITY (v/c) RATIO:				0.411			0.418				0.540				0.551				0.551
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.341			0.348				0.440				0.451				0.451
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.011 | Δv/c after mitigation: 0.011

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	121	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		4		4		4		4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0		0		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0	0	0	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		1		2		2		2
Override Capacity		0		0		0		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	186	1	186	0	186	186	4	192	1	192	0	192	1	192	0	192	1	192
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	299	2	150	0	299	150	162	465	2	233	0	465	2	233	0	465	2	233
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	192	1	158	0	192	158	18	212	1	177	0	212	1	177	0	212	1	177
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	53	1	53	0	53	53	0	54	1	54	0	54	1	54	0	54	1	54
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	71	2	36	0	71	36	22	94	2	47	0	94	2	47	0	94	2	47
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	71	1	29	0	71	29	0	72	1	25	0	72	1	25	0	72	1	25
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	85	1	85	0	85	85	9	95	1	95	0	95	1	95	0	95	1	95
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	549	2	209	51	600	226	166	722	2	269	51	773	2	286	0	773	2	286
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	79	0	79	0	79	79	6	86	0	86	0	86	0	86	0	86	0	86
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	69	1	69	0	69	69	0	70	1	70	0	70	1	70	0	70	1	70
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	899	2	321	0	899	321	121	1031	2	383	0	1031	2	383	0	1031	2	383
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	64	0	64	0	64	64	53	118	0	118	0	118	0	118	0	118	0	118
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		222	North-South:		222	North-South:			287	North-South:			287	North-South:			287
	East-West:		406	East-West:		406	East-West:			478	East-West:			478	East-West:			493
	SUM:		628	SUM:		628	SUM:			765	SUM:			765	SUM:			780
VOLUME/CAPACITY (v/c) RATIO:			0.457			0.457				0.556				0.556				0.567
v/c LESS ATSAC/ATCS ADJUSTMENT:			0.387			0.387				0.456				0.456				0.467
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	122	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3		3		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0		0		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	3	0	3	0	3	0	3	0	3	0
ATSAC-1 or ATSAC+ATCS-2?		1		1		2		2		2
Override Capacity		0		0		0		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	233	1	233	0	233	233	27	263	1	263	0	263	1	263	0	263	1	263
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	36	1	36	0	36	36	86	122	1	122	0	122	1	122	0	122	1	122
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	79	1	0	0	79	0	11	91	1	0	0	91	1	0	0	91	1	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	7	1	7	0	7	7	0	7	1	7	0	7	1	7	0	7	1	7
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	123	1	123	0	123	123	112	236	1	236	0	236	1	236	0	236	1	236
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	14	1	4	0	14	4	0	14	1	4	0	14	1	4	0	14	1	4
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	536	2	268	0	536	268	126	668	2	334	0	668	2	334	0	668	2	334
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	225	1	109	51	276	160	29	257	1	126	51	308	1	177	0	308	1	177
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	224	2	123	0	224	123	62	289	2	159	0	289	2	159	0	289	2	159
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	780	2	273	0	780	273	113	902	2	313	0	902	2	313	0	902	2	313
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	38	0	38	0	38	38	0	38	0	38	0	38	0	38	0	38	0	38
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		356	North-South:		356	North-South:			499	North-South:			499	North-South:			499
	East-West:		391	East-West:		391	East-West:			493	East-West:			493	East-West:			493
	SUM:		747	SUM:		747	SUM:			992	SUM:			992	SUM:			992
VOLUME/CAPACITY (v/c) RATIO:			0.524			0.524				0.696				0.696				0.696
v/c LESS ATSAC/ATCS ADJUSTMENT:			0.454			0.454				0.596				0.596				0.596
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	123	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3		3		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0		0		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0	0	0	0	0	0	0
	1		1		1		1		1	
ATSAC-1 or ATSAC+ATCS-2?		1		1		2		2		2
Override Capacity		0		0		0		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	8	1	8	0	8	8	0	8	1	8	0	8	1	8	0	8	1	8
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	30	1	0	0	30	0	0	30	1	0	0	30	1	0	0	30	1	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	86	0	185	91	177	276	209	296	0	417	91	387	0	508	0	387	0	508
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	90	0	0	0	90	0	21	112	0	0	0	112	0	0	0	112	0	0
SOUTHBOUND Left-Through-Right		1							1				1				1	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	461	2	231	0	461	231	79	546	2	273	0	546	2	273	0	546	2	273
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	124	1	0	0	124	0	19	144	1	0	0	144	1	0	0	144	1	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	266	2	146	0	266	146	10	279	2	153	0	279	2	153	0	279	2	153
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	842	2	305	0	842	305	95	947	2	341	0	947	2	341	0	947	2	341
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	74	0	74	0	74	74	0	75	0	75	0	75	0	75	0	75	0	75
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		193	North-South:		284	North-South:			425	North-South:			516	North-South:			516
	East-West:		377	East-West:		377	East-West:			426	East-West:			426	East-West:			426
	SUM:		570	SUM:		661	SUM:			851	SUM:			942	SUM:			942
VOLUME/CAPACITY (v/c) RATIO:			0.400			0.464				0.597				0.661				0.661
v/c LESS ATSAC/ATCS ADJUSTMENT:			0.330			0.394				0.497				0.561				0.561
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.064 | Δv/c after mitigation: 0.064

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	124	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2		2		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0		0		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0	0	0	0	0	0	0
	0		0		0		0		0	
ATSAC-1 or ATSAC+ATCS-2?		1		1		2		2		2
Override Capacity		0		0		0		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	169	1	112	0	169	114	19	190	1	190	0	190	1	190	0	190	1	190
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	167	1	112	6	173	114	358	527	1	230	6	533	1	232	0	533	1	232
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	143	0	143	0	143	143	17	162	0	162	0	162	0	162	0	162	0	162
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	50	1	50	0	50	50	0	51	1	51	0	51	1	51	0	51	1	51
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	447	2	224	0	447	224	79	531	2	266	0	531	2	266	0	531	2	266
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	946	1	491	0	946	491	86	1043	1	573	0	1043	1	573	0	1043	1	573
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	35	0	35	0	35	35	68	103	0	103	0	103	0	103	0	103	0	103
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		143	North-South:		143	North-South:			230	North-South:			232	North-South:			232
	East-West:		541	East-West:		541	East-West:			624	East-West:			624	East-West:			624
	SUM:		684	SUM:		684	SUM:			854	SUM:			856	SUM:			856
VOLUME/CAPACITY (v/c) RATIO:			0.456			0.456				0.569				0.571				0.571
v/c LESS ATSAC/ATCS ADJUSTMENT:			0.386			0.386				0.469				0.471				0.471
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.002 | Δv/c after mitigation: 0.002

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	125	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	3	0
ATSAC-1 or ATSAC+ATCS-2?		1		2
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	225	1	225	0	225	225	0	228	1	228	0	228	1	228	0	228	1	228
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	605	2	237	0	605	237	80	692	2	266	0	692	2	266	0	692	2	266
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	105	0	105	0	105	105	0	106	0	106	0	106	0	106	0	106	0	106
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	64	1	64	0	64	64	23	88	1	88	0	88	1	88	0	88	1	88
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	726	2	**291**	0	726	**291**	131	866	2	**338**	0	866	2	**338**	0	866	2	**338**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	147	0	147	0	147	147	0	149	0	149	0	149	0	149	0	149	0	149
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	321	2	**161**	0	321	**161**	96	421	2	**211**	0	421	2	**211**	0	421	2	**211**
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	220	1	0	0	220	0	0	223	1	0	0	223	1	0	0	223	1	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	153	1	**153**	0	153	**153**	0	155	1	**155**	0	155	1	**155**	0	155	1	**155**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	611	2	226	0	611	226	89	707	2	258	0	707	2	258	0	707	2	258
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		516	North-South:		516	North-South:			566	North-South:			566	North-South:			566
	East-West:		314	East-West:		314	East-West:			366	East-West:			366	East-West:			366
	SUM:		830	SUM:		830	SUM:			932	SUM:			932	SUM:			932
VOLUME/CAPACITY (v/c) RATIO:			0.604			0.604				0.678				0.678				0.678
v/c LESS ATSAC/ATCS ADJUSTMENT:			0.534			0.534				0.578				0.578				0.578
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	126	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		2
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	3	1	3	0	3	3	96	99	1	99	0	99	1	99	0	99	1	99
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	101	1	58	6	107	61	247	349	1	182	6	355	1	185	0	355	1	185
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	33	1	33	0	33	33	0	33	1	33	0	33	1	33	0	33	1	33
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	182	1	**121**	0	182	**141**	0	184	1	**148**	0	184	1	**167**	0	184	1	**167**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	60	0	60	39	99	99	50	111	0	111	39	150	0	150	0	150	0	150
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	47	1	**47**	0	47	**47**	7	55	1	**55**	0	55	1	**55**	0	55	1	**55**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	78	1	49	0	78	49	37	116	1	68	0	116	1	68	0	116	1	68
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	257	1	**156**	0	257	**156**	41	301	1	**179**	0	301	1	**179**	0	301	1	**179**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		124	North-South:		144	North-South:			247	North-South:			266	North-South:			266
	East-West:		203	East-West:		203	East-West:			234	East-West:			234	East-West:			234
	SUM:		327	SUM:		347	SUM:			481	SUM:			500	SUM:			500
VOLUME/CAPACITY (v/c) RATIO:			0.229			0.244				0.338				0.351				0.351
v/c LESS ATSAC/ATCS ADJUSTMENT:			0.159			0.174				0.238				0.251				0.251
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.013 — Δv/c after mitigation: 0.013

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	127	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	3	0	3	0
ATSAC-1 or ATSAC+ATCS-2?		1		2
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	56	1	56	0	56	56	16	73	1	73	0	73	1	73	0	73	1	73
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	258	2	**129**	0	258	**129**	23	284	2	**142**	0	284	2	**142**	0	284	2	**142**
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	51	1	28	0	51	28	27	79	1	9	0	79	1	9	0	79	1	9
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	61	1	**61**	0	61	**61**	17	79	1	**79**	0	79	1	**79**	0	79	1	**79**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	172	2	86	0	172	86	52	226	2	107	0	226	2	113	0	226	2	113
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	94	0	72	39	133	111	0	95	0	95	39	134	0	112	0	134	0	112
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	44	1	**44**	0	44	**44**	0	45	1	45	0	45	1	**45**	0	45	1	**45**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	38	1	38	0	38	38	32	70	1	70	0	70	1	70	0	70	1	70
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	86	0	58	0	86	58	36	123	0	**87**	0	123	0	87	0	123	0	87
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	23	1	23	0	23	23	47	70	1	**70**	0	70	1	70	0	70	1	70
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	74	2	37	39	113	**57**	113	188	2	94	39	227	2	**114**	0	227	2	**114**
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	72	1	**42**	0	72	42	15	88	1	49	0	88	1	49	0	88	1	49
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		190	North-South:		190	North-South:			221	North-South:			221	North-South:			221
	East-West:		86	East-West:		101	East-West:			157	East-West:			159	East-West:			159
	SUM:		276	SUM:		291	SUM:			378	SUM:			380	SUM:			380
VOLUME/CAPACITY (v/c) RATIO:			0.194			0.204				0.265				0.267				0.267
v/c LESS ATSAC/ATCS ADJUSTMENT:			0.126			0.134				0.165				0.167				0.167
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.002 — Δv/c after mitigation: 0.002

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	128	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		2
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	31	1	**31**	0	31	**31**	0	31	1	31	0	31	1	**31**	0	31	1	**31**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	254	1	158	0	254	158	144	401	1	**232**	0	401	1	232	0	401	1	232
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	95	1	95	0	95	95	96	192	1	**192**	0	192	1	192	0	192	1	192
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	549	1	**292**	297	846	**441**	110	666	1	351	297	963	1	**499**	0	963	1	**499**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	34	0	**34**	0	34	**34**	0	34	0	**34**	0	34	0	**34**	0	34	0	**34**
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	148	0	103	0	148	103	0	150	0	121	0	150	0	121	0	150	0	121
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	24	0	103	0	24	103	0	24	0	121	0	24	0	121	0	24	0	121
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	118	0	**150**	0	118	**150**	0	119	0	**170**	0	119	0	**170**	0	119	0	**170**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	132	0	150	0	132	150	63	197	0	101	0	197	0	101	0	197	0	101
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		323	North-South:		472	North-South:			424	North-South:			530	North-South:			530
	East-West:		184	East-West:		184	East-West:			204	East-West:			204	East-West:			204
	SUM:		507	SUM:		656	SUM:			628	SUM:			734	SUM:			734
VOLUME/CAPACITY (v/c) RATIO:			0.338			0.437				0.419				0.489				0.489
v/c LESS ATSAC/ATCS ADJUSTMENT:			0.268			0.367				0.319				0.389				0.389
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.070 — Δv/c after mitigation: 0.070

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	129	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	College	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	31	1	31	0	31	31	0	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	330	1	206	0	330	206	206	540	1	311	0	540	1	311	0	540	1	311
	Through-Right		1							1				1				1	
	Right	81	0	81	0	81	81	0	82	0	82	0	82	0	82	0	82	0	82
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	225	1	225	0	225	225	57	285	1	285	0	285	1	285	0	285	1	285
	Left-Through		0							0				0				0	
	Through	615	1	333	297	912	482	206	828	1	440	297	1125	1	589	0	1125	1	589
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	83	0	83	0	83	83	0	84	0	84	0	84	0	84	0	84	0	84
	Left-Through		1							1				1				1	
	Through	178	0	150	0	178	150	0	180	0	194	0	180	0	194	0	180	0	194
	Through-Right		1							1				1				1	
	Right	39	0	150	0	39	150	0	39	0	194	0	39	0	194	0	39	0	194
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	36	0	36	0	36	36	0	36	0	36	0	36	0	36	0	36	0	36
	Left-Through		1							1				1				1	
	Through	150	0	148	0	150	148	0	152	0	183	0	152	0	183	0	152	0	183
	Through-Right		1							1				1				1	
	Right	109	0	148	0	109	148	68	178	0	183	0	178	0	183	0	178	0	183
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		431	North-South:		513	North-South:			596	North-South:			620	North-South:			620
		East-West:		231	East-West:		231	East-West:			267	East-West:			267	East-West:			267
		SUM:		662	SUM:		744	SUM:			863	SUM:			887	SUM:			887
VOLUME/CAPACITY (V/C) RATIO:				0.441			0.496				0.575				0.591				0.591
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.371			0.426				0.475				0.491				0.491
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.016 | Δv/c after mitigation: 0.016 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	130	North-South Street:	Sunset	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Elysian Park	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 3 SB-- 0, EB-- 0 WB-- 3 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	590	2	295	0	590	295	105	702	2	351	0	702	2	351	0	702	2	351
	Through-Right		1							1				1				1	
	Right	706	1	665	0	706	665	0	715	1	673	0	715	1	673	0	715	1	673
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	589	1	589	0	589	589	0	596	1	596	0	596	1	596	0	596	1	596
	Left-Through		0							0				0				0	
	Through	605	2	303	51	656	328	89	701	2	351	51	752	2	376	0	752	2	376
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	75	2	41	0	75	41	0	76	2	42	0	76	2	42	0	76	2	42
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	84	2	0	0	84	0	0	85	2	0	0	85	2	0	0	85	2	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		1254	North-South:		1254	North-South:			1269	North-South:			1269	North-South:			1269
		East-West:		41	East-West:		41	East-West:			42	East-West:			42	East-West:			42
		SUM:		1295	SUM:		1295	SUM:			1311	SUM:			1311	SUM:			1311
VOLUME/CAPACITY (V/C) RATIO:				0.909			0.909				0.920				0.920				0.920
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.839			0.839				0.820				0.820				0.820
LEVEL OF SERVICE (LOS):				D			D				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	131	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Bellevue	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	504	2	252	3	507	254	101	611	2	306	3	614	2	307	0	614	2	307
	Through-Right		0							0				0				0	
	Right	164	1	74	0	164	74	98	264	1	168	0	264	1	168	0	264	1	168
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	90	1	90	0	90	90	0	91	1	91	0	91	1	91	0	91	1	91
	Left-Through		0							0				0				0	
	Through	709	2	355	149	858	429	64	782	2	391	149	931	2	466	0	931	2	466
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	329	2	181	0	329	181	16	349	2	192	0	349	2	192	0	349	2	192
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	124	1	79	0	124	79	0	125	1	80	0	125	1	80	0	125	1	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		355	North-South:		429	North-South:			397	North-South:			466	North-South:			466
		East-West:		181	East-West:		181	East-West:			192	East-West:			192	East-West:			192
		SUM:		536	SUM:		610	SUM:			589	SUM:			658	SUM:			658
VOLUME/CAPACITY (V/C) RATIO:				0.376			0.428				0.413				0.462				0.462
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.306			0.358				0.313				0.362				0.362
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.049 | Δv/c after mitigation: 0.049 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	132	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Temple	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	46	1	46	0	46	46	4	51	1	51	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	397	1	207	3	400	208	164	566	1	291	3	569	1	293	0	569	1	293
	Through-Right		1							1				1				1	
	Right	16	0	16	0	16	16	0	16	0	16	0	16	0	16	0	16	0	16
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	90	1	90	0	90	90	1	92	1	92	0	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	457	1	304	164	621	386	84	547	1	359	164	711	1	441	0	711	1	441
	Through-Right		1							1				1				1	
	Right	151	0	151	0	151	151	18	171	0	171	0	171	0	171	0	171	0	171
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	233	1	233	0	233	233	2	238	1	238	0	238	1	238	0	238	1	238
	Left-Through		0							0				0				0	
	Through	266	1	161	0	266	262	31	300	1	185	0	300	1	286	0	300	1	286
	Through-Right		1							1				1				1	
	Right	55	0	55	202	257	257	14	70	0	70	202	272	0	272	0	272	0	272
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	294	1	193	0	294	193	32	330	1	228	0	330	1	228	0	330	1	228
	Through-Right		1							1				1				1	
	Right	91	0	91	0	91	91	34	126	0	126	0	126	0	126	0	126	0	126
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		350	North-South:		432	North-South:			410	North-South:			492	North-South:			492
		East-West:		426	East-West:		426	East-West:			466	East-West:			466	East-West:			466
		SUM:		776	SUM:		858	SUM:			876	SUM:			958	SUM:			958
VOLUME/CAPACITY (V/C) RATIO:				0.545			0.602				0.615				0.672				0.672
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.475			0.532				0.515				0.572				0.572
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.057 | Δv/c after mitigation: 0.057 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	133	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	US 101 NB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3		3		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0		0		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0	0	0	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		2		2		2		2
Override Capacity		0		0		0		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	248	1	248	0	248	248	4	255	1	255	0	255	1	255	0	255	1	255
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	625	3	208	0	625	208	120	753	3	251	0	753	3	251	0	753	3	251
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	722	2	329	3	725	330	67	798	2	395	3	801	2	396	0	801	2	396
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	264	0	264	0	264	264	119	386	0	386	0	386	0	386	0	386	0	386
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	234	1	155	0	234	155	19	256	1	175	0	256	1	175	0	256	1	175
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	75	0	155	0	75	155	17	93	0	175	0	93	0	175	0	93	0	175
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		1							1				1				1	
CRITICAL VOLUMES	North-South:		577	North-South:		578	North-South:			650	North-South:			651	North-South:			651
	East-West:		155	East-West:		155	East-West:			175	East-West:			175	East-West:			175
	SUM:		732	SUM:		733	SUM:			825	SUM:			826	SUM:			826
VOLUME/CAPACITY (V/C) RATIO:			0.514			0.514				0.579				0.580				0.580
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.444			0.444				0.479				0.480				0.480
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	134	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	US 101 SB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2		2		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0		0		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0	0	0	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		1		2		2		2
Override Capacity		0		0		0		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	636	2	288	0	636	288	77	721	2	319	0	721	2	319	0	721	2	319
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	229	0	229	0	229	229	3	235	0	235	0	235	0	235	0	235	0	235
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	177	0	177	0	177	177	24	203	0	203	0	203	0	203	0	203	0	203
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	742	2	371	3	745	373	89	840	2	420	3	843	2	422	0	843	2	422
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	203	1	203	0	203	203	73	278	1	278	0	278	1	278	0	278	1	278
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	10	0	0	0	10	0	0	10	0	0	0	10	0	0	0	10	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	180	1	180	55	235	235	5	187	1	187	55	242	1	242	0	242	1	242
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		465	North-South:		465	North-South:			522	North-South:			522	North-South:			522
	East-West:		203	East-West:		235	East-West:			278	East-West:			278	East-West:			278
	SUM:		668	SUM:		700	SUM:			800	SUM:			800	SUM:			800
VOLUME/CAPACITY (V/C) RATIO:			0.445			0.467				0.533				0.533				0.533
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.375			0.397				0.433				0.433				0.433
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	135	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Beverly	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2		2		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0		0		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0	0	0	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		1		2		2		2
Override Capacity		0		0		0		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	682	1	277	0	682	277	71	761	1	304	0	761	1	323	0	761	1	323
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	38	0	277	0	38	277	2	40	0	304	0	40	0	323	0	40	0	323
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	793	1	425	58	851	454	81	884	1	470	58	942	1	499	0	942	1	499
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	79	1	37	0	79	37	0	80	1	38	0	80	1	38	0	80	1	38
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	84	1	84	0	84	84	0	85	1	85	0	85	1	85	0	85	1	85
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	294	2	111	0	294	111	189	487	2	176	0	487	2	176	0	487	2	176
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	40	0	40	0	40	40	0	40	0	40	0	40	0	40	0	40	0	40
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	251	2	103	0	251	103	181	435	2	165	0	435	2	165	0	435	2	165
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	58	0	58	0	58	58	0	59	0	59	0	59	0	59	0	59	0	59
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		453	North-South:		482	North-South:			498	North-South:			527	North-South:			527
	East-West:		187	East-West:		187	East-West:			250	East-West:			250	East-West:			250
	SUM:		640	SUM:		669	SUM:			748	SUM:			777	SUM:			777
VOLUME/CAPACITY (V/C) RATIO:			0.427			0.446				0.499				0.518				0.518
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.357			0.376				0.399				0.418				0.418
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.019 | Δv/c after mitigation: 0.019
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	136	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2		2		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0		0		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0	0	0	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		1		2		2		2
Override Capacity		0		0		0		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	60	1	60	0	60	60	5	66	1	66	0	66	1	66	0	66	1	66
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1007	2	357	0	1007	357	204	1223	2	432	0	1223	2	432	0	1223	2	432
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	63	0	63	0	63	63	9	73	0	73	0	73	0	73	0	73	0	73
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	79	1	79	0	79	79	0	80	1	80	0	80	1	80	0	80	1	80
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1038	2	381	45	1083	396	195	1246	2	452	45	1291	2	467	0	1291	2	467
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	104	0	104	0	104	104	5	110	0	110	0	110	0	110	0	110	0	110
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	144	1	144	0	144	144	8	154	1	154	0	154	1	154	0	154	1	154
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	466	1	280	0	466	280	151	623	1	362	0	623	1	362	0	623	1	362
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	93	0	93	0	93	93	6	100	0	100	0	100	0	100	0	100	0	100
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	94	1	94	0	94	94	4	99	1	99	0	99	1	99	0	99	1	99
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	384	2	192	0	384	192	191	580	2	290	0	580	2	290	0	580	2	290
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	89	1	50	0	89	50	0	90	1	50	0	90	1	50	0	90	1	50
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		441	North-South:		456	North-South:			518	North-South:			533	North-South:			533
	East-West:		374	East-West:		374	East-West:			461	East-West:			461	East-West:			461
	SUM:		815	SUM:		830	SUM:			979	SUM:			994	SUM:			994
VOLUME/CAPACITY (V/C) RATIO:			0.543			0.553				0.653				0.663				0.663
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.473			0.483				0.553				0.563				0.563
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.010 | Δv/c after mitigation: 0.010
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	137	North-South Street:	Alvardo	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
		Left-Through		1							1				1				1	
		Through	613	1	300	0	613	300	70	690	1	330	0	690	1	330	0	690	1	330
		Through-Right		1							1				1				1	
		Right	92	0	300	0	92	300	8	101	0	330	0	101	0	330	0	101	0	330
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	40	0	40	12	52	52	0	40	0	40	12	52	0	52	0	52	0	52
		Left-Through		1							1				1				1	
		Through	678	1	319	45	723	350	66	752	1	350	45	797	1	381	0	797	1	381
		Through-Right		1							1				1				1	
		Right	119	0	319	0	119	350	18	138	0	350	0	138	0	381	0	138	0	381
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	54	1	54	0	54	54	3	58	1	58	0	58	1	58	0	58	1	58
		Left-Through		0							0				0				0	
		Through	436	1	249	0	436	249	140	581	1	322	0	581	1	322	0	581	1	322
		Through-Right		1							1				1				1	
		Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	52	1	52	0	52	52	18	71	1	71	0	71	1	71	0	71	1	71
		Left-Through		0							0				0				0	
		Through	383	1	217	0	383	217	179	567	1	310	0	567	1	310	0	567	1	310
		Through-Right		1							1				1				1	
		Right	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		368	North-South:		399	North-South:			400	North-South:			431	North-South:			431
			East-West:		301	East-West:		301	East-West:			393	East-West:			393	East-West:			393
			SUM:		669	SUM:		700	SUM:			793	SUM:			824	SUM:			824
	VOLUME/CAPACITY (V/C) RATIO:				0.446			0.467				0.556				0.578				0.578
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.376			0.397				0.456				0.478				0.478
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.022 | Δv/c after mitigation: 0.022

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	138	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	91	0	91	0	91	91	4	96	0	96	0	96	0	96	0	96	0	96
		Left-Through		1							1				1				1	
		Through	771	1	418	0	771	419	91	871	1	465	0	871	1	466	0	871	1	466
		Through-Right		1							1				1				1	
		Right	119	0	418	2	121	419	21	141	0	465	2	143	0	466	0	143	0	466
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	85	1	85	4	89	89	0	86	1	86	4	90	1	90	0	90	1	90
		Left-Through		0							0				0				0	
		Through	765	1	426	41	806	447	77	851	1	470	41	892	1	490	0	892	1	490
		Through-Right		1							1				1				1	
		Right	87	0	87	0	87	87	0	88	0	88	0	88	0	88	0	88	0	88
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	116	1	116	0	116	116	0	117	1	117	0	117	1	117	0	117	1	117
		Left-Through		0							0				0				0	
		Through	604	2	233	39	643	246	50	661	2	255	39	700	2	268	0	700	2	268
		Through-Right		1							1				1				1	
		Right	94	0	94	0	94	94	9	104	0	104	0	104	0	104	0	104	0	104
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	133	1	133	0	133	133	18	153	1	153	0	153	1	153	0	153	1	153
		Left-Through		0							0				0				0	
		Through	620	2	234	3	623	235	58	685	2	256	4	689	2	258	0	689	2	258
		Through-Right		1							1				1				1	
		Right	83	0	83	0	83	83	0	84	0	84	0	84	0	84	0	84	0	84
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		517	North-South:		538	North-South:			566	North-South:			586	North-South:			586
			East-West:		366	East-West:		379	East-West:			408	East-West:			421	East-West:			421
			SUM:		883	SUM:		917	SUM:			974	SUM:			1007	SUM:			1007
	VOLUME/CAPACITY (V/C) RATIO:				0.642			0.667				0.708				0.732				0.732
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.572			0.597				0.608				0.632				0.632
	LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.024 | Δv/c after mitigation: 0.024

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	139	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	19	0	19	0	19	19	1	20	0	20	0	20	0	20	0	20	0	20
		Left-Through		1							1				1				1	
		Through	183	0	111	0	183	111	19	204	0	122	0	204	0	122	0	204	0	122
		Through-Right		1							1				1				1	
		Right	39	1	5	0	39	5	6	45	1	1	0	45	1	1	0	45	1	1
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	39	0	39	1	40	40	5	44	0	44	1	45	0	45	0	45	0	45
		Left-Through		1							1				1				1	
		Through	414	1	227	10	424	232	19	438	1	241	10	448	1	247	0	448	1	247
		Through-Right		0							0				0				0	
		Right	75	1	63	0	75	63	0	76	1	64	0	76	1	64	0	76	1	64
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
		Left-Through		0							0				0				0	
		Through	685	2	246	44	729	261	54	747	2	374	44	791	2	396	0	791	2	396
		Through-Right		1							0				0				0	
		Right	54	0	54	0	54	54	1	56	1	56	0	56	1	56	0	56	1	56
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	34	1	34	0	34	34	10	44	1	44	0	44	1	44	0	44	1	44
		Left-Through		0							0				0				0	
		Through	389	2	135	3	392	136	62	456	2	228	3	459	2	230	0	459	2	230
		Through-Right		1							0				0				0	
		Right	16	0	16	0	16	16	12	28	1	28	0	28	1	28	0	28	1	28
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		246	North-South:		251	North-South:			261	North-South:			267	North-South:			267
			East-West:		280	East-West:		295	East-West:			418	East-West:			440	East-West:			440
			SUM:		526	SUM:		546	SUM:			679	SUM:			707	SUM:			707
	VOLUME/CAPACITY (V/C) RATIO:				0.369			0.383				0.476				0.496				0.496
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.299			0.313				0.376				0.396				0.396
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.020 | Δv/c after mitigation: 0.020

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	140	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	94	1	94	0	94	94	43	138	1	138	0	138	1	138	0	138	1	138
		Left-Through		0							0				0				0	
		Through	943	2	326	0	943	327	155	1109	2	381	0	1109	2	382	0	1109	2	382
		Through-Right		1							1				1				1	
		Right	35	0	35	2	37	37	0	35	0	35	2	37	0	37	0	37	0	37
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	54	1	54	4	58	58	3	58	1	58	4	62	1	62	0	62	1	62
		Left-Through		0							0				0				0	
		Through	1122	2	561	41	1163	582	176	1312	2	656	41	1353	2	677	0	1353	2	677
		Through-Right		0							0				0				0	
		Right	77	1	0	0	77	0	27	105	1	0	0	105	1	0	0	105	1	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	116	1	116	0	116	116	61	178	1	178	0	178	1	178	0	178	1	178
		Left-Through		0							0				0				0	
		Through	439	2	159	46	485	175	66	510	2	212	46	556	2	227	0	556	2	227
		Through-Right		1							1				1				1	
		Right	39	0	39	0	39	39	86	125	0	125	0	125	0	125	0	125	0	125
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	70	1	70	0	70	70	2	73	1	73	0	73	1	73	0	73	1	73
		Left-Through		0							0				0				0	
		Through	626	2	235	3	629	236	60	694	2	259	3	697	2	260	0	697	2	260
		Through-Right		1							1				1				1	
		Right	79	0	79	0	79	79	3	83	0	83	0	83	0	83	0	83	0	83
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		655	North-South:		676	North-South:			794	North-South:			815	North-South:			815
			East-West:		351	East-West:		352	East-West:			437	East-West:			438	East-West:			438
			SUM:		1006	SUM:		1028	SUM:			1231	SUM:			1253	SUM:			1253
	VOLUME/CAPACITY (V/C) RATIO:				0.732			0.748				0.895				0.911				0.911
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.662			0.678				0.795				0.811				0.811
	LEVEL OF SERVICE (LOS):				B			B				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.016 | Δv/c after mitigation: 0.016

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	141	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LACC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	643	1	271	0	643	271	77	728	1	305	0	728	1	305	0	728	1	305
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	77	0	271	0	77	271	17	95	0	305	0	95	0	305	0	95	0	305
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	601	1	291	45	646	306	84	692	1	322	45	737	1	337	0	737	1	337
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	108	0	291	0	108	306	0	109	0	322	0	109	0	337	0	109	0	337
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	75	1	75	0	75	75	0	76	1	76	0	76	1	76	0	76	1	76
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	426	1	226	41	467	253	40	471	1	249	41	512	1	275	0	512	1	275
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	26	0	26	12	38	38	0	26	0	26	12	38	0	38	0	38	0	38
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	41	1	41	0	41	41	22	63	1	63	0	63	1	63	0	63	1	63
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	548	1	318	3	551	320	46	601	1	346	3	604	1	348	0	604	1	348
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	88	0	88	0	88	88	2	91	0	91	0	91	0	91	0	91	0	91
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		314	North-South:		329	North-South:			346	North-South:			360	North-South:			360
	East-West:		393	East-West:		395	East-West:			422	East-West:			424	East-West:			424
	SUM:		707	SUM:		724	SUM:			768	SUM:			784	SUM:			784
VOLUME/CAPACITY (V/C) RATIO:			0.471			0.483				0.512				0.523				0.523
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.401			0.413				0.412				0.423				0.423
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.011 — Δv/c after mitigation: 0.011

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	142	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LACC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	98	1	98	0	98	98	6	105	1	105	0	105	1	105	0	105	1	105
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1018	1	546	2	1020	547	149	1179	1	627	2	1181	1	628	0	1181	1	628
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	73	0	73	0	73	73	0	74	0	74	0	74	0	74	0	74	0	74
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	50	1	50	0	50	50	12	63	1	63	0	63	1	63	0	63	1	63
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1151	1	623	41	1192	644	193	1358	1	733	41	1399	1	753	0	1399	1	753
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	95	0	95	0	95	95	11	107	0	107	0	107	0	107	0	107	0	107
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	39	0	39	0	39	39	12	51	0	51	0	51	0	51	0	51	0	51
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	294	0	229	0	294	229	108	406	0	300	0	406	0	300	0	406	0	300
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	85	0	229	0	85	229	6	92	0	300	0	92	0	300	0	92	0	300
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	394	0	267	0	394	267	122	521	0	334	0	521	0	334	0	521	0	334
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	70	0	267	0	70	267	6	77	0	334	0	77	0	334	0	77	0	334
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		721	North-South:		742	North-South:			838	North-South:			858	North-South:			858
	East-West:		306	East-West:		306	East-West:			385	East-West:			385	East-West:			385
	SUM:		1027	SUM:		1048	SUM:			1223	SUM:			1243	SUM:			1243
VOLUME/CAPACITY (V/C) RATIO:			0.685			0.699				0.815				0.829				0.829
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.585			0.599				0.715				0.729				0.729
LEVEL OF SERVICE (LOS):			A			A				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.014 — Δv/c after mitigation: 0.014

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	143	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LACC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	563	1	296	0	563	296	91	661	1	331	0	661	1	331	0	661	1	331
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	122	0	296	0	122	296	0	123	0	331	0	123	0	331	0	123	0	331
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	39	0	39	43	82	82	0	39	0	39	43	82	0	82	0	82	0	82
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	544	1	256	15	559	318	118	669	1	298	15	684	1	361	0	684	1	361
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	68	0	256	0	68	318	1	70	0	298	0	70	0	361	0	70	0	361
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	57	1	57	0	57	57	1	59	1	59	0	59	1	59	0	59	1	59
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	285	1	285	0	285	285	149	437	1	437	0	437	1	437	0	437	1	437
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	57	1	57	0	57	57	0	58	1	58	0	58	1	58	0	58	1	58
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	332	1	217	0	332	217	145	481	1	293	0	481	1	293	0	481	1	293
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	102	0	102	0	102	102	2	105	0	105	0	105	0	105	0	105	0	105
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		335	North-South:		378	North-South:			370	North-South:			413	North-South:			413
	East-West:		342	East-West:		342	East-West:			495	East-West:			495	East-West:			495
	SUM:		677	SUM:		720	SUM:			865	SUM:			908	SUM:			908
VOLUME/CAPACITY (V/C) RATIO:			0.451			0.480				0.577				0.605				0.605
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.351			0.380				0.477				0.505				0.505
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.028 — Δv/c after mitigation: 0.028

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	144	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LACC

	NB--	SB--	EB--	WB--
No. of Phases	4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	3	3	3	3
ATSAC-1 or ATSAC+ATCS-2?	0	0	0	0
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	98	1	98	0	98	98	0	99	1	99	0	99	1	99	0	99	1	99
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	812	2	406	2	814	407	112	934	2	467	2	936	2	468	0	936	2	468
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	82	1	0	9	91	0	9	92	1	0	9	101	1	0	0	101	1	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	170	1	170	18	188	188	9	181	1	181	18	199	1	199	0	199	1	199
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	645	2	323	23	668	334	96	749	2	375	23	772	2	386	0	772	2	386
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	94	1	6	0	94	6	0	95	1	6	0	95	1	6	0	95	1	6
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	88	1	88	0	88	88	0	89	1	89	0	89	1	89	0	89	1	89
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	589	2	208	180	769	268	141	737	2	257	180	917	2	317	0	917	2	317
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	34	0	34	0	34	34	0	34	0	34	0	34	0	34	0	34	0	34
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	110	1	110	0	110	110	4	115	1	115	0	115	1	115	0	115	1	115
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	587	2	240	12	599	244	144	738	2	293	12	750	2	297	0	750	2	297
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	134	0	134	0	134	134	4	140	0	140	0	140	0	140	0	140	0	140
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		576	North-South:		595	North-South:			648	North-South:			667	North-South:			667
	East-West:		328	East-West:		378	East-West:			382	East-West:			432	East-West:			432
	SUM:		904	SUM:		973	SUM:			1030	SUM:			1099	SUM:			1099
VOLUME/CAPACITY (V/C) RATIO:			0.657			0.708				0.749				0.799				0.799
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.557			0.608				0.649				0.699				0.699
LEVEL OF SERVICE (LOS):			A			B				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.050 — Δv/c after mitigation: 0.050

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	145	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0

	Existing Condition			Existing Plus Project			Future Condition W/O Project				Future Condition W/ Project				Future W/ Project W/ Mitigation			
Movement	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NB Left	79	1	79	0	79	79	41	121	1	121	0	121	1	121	0	121	1	121
NB Left-Through		0							0				0				0	
NB Through	517	1	311	0	517	312	24	547	1	329	0	547	1	330	0	547	1	330
NB Through-Right		1							1				1				1	
NB Right	105	0	105	2	107	107	4	110	0	110	2	112	0	112	0	112	0	112
NB Left-Through-Right		0							0				0				0	
NB Left-Right		0							0				0				0	
SB Left	63	1	63	5	68	68	3	67	1	67	5	72	1	72	0	72	1	72
SB Left-Through		0							0				0				0	
SB Through	514	2	257	6	520	260	21	541	2	271	6	547	2	274	0	547	2	274
SB Through-Right		0							0				0				0	
SB Right	72	1	46	0	72	46	22	95	1	64	0	95	1	64	0	95	1	64
SB Left-Through-Right		0							0				0				0	
SB Left-Right		0							0				0				0	
EB Left	52	1	52	0	52	52	10	63	1	63	0	63	1	63	0	63	1	63
EB Left-Through		0							0				0				0	
EB Through	889	2	320	208	1097	389	138	1038	2	376	208	1246	2	445	0	1246	2	445
EB Through-Right		1							1				1				1	
EB Right	71	0	71	0	71	71	18	90	0	90	0	90	0	90	0	90	0	90
EB Left-Through-Right		0							0				0				0	
EB Left-Right		0							0				0				0	
WB Left	80	1	80	0	80	80	7	88	1	88	0	88	1	88	0	88	1	88
WB Left-Through		0							0				0				0	
WB Through	945	2	329	12	957	333	171	1127	2	391	13	1140	2	395	0	1140	2	395
WB Through-Right		1							1				1				1	
WB Right	43	0	43	0	43	43	2	46	0	46	0	46	0	46	0	46	0	46
WB Left-Through-Right		0							0				0				0	
WB Left-Right		0							0				0				0	
Critical Volumes	North-South:		374	North-South:		380	North-South:			396	North-South:			402	North-South:			402
	East-West:		400	East-West:		469	East-West:			464	East-West:			533	East-West:			533
	SUM:		774	SUM:		849	SUM:			860	SUM:			935	SUM:			935
Volume/Capacity (v/c) Ratio:			0.516			0.566				0.573				0.623				1.005
v/c less ATSAC/ATCS Adjustment:			0.416			0.466				0.473				0.523				0.523
Level of Service (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.050 — Δv/c after mitigation: 0.050

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	146	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	3	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0

	Existing Condition			Existing Plus Project			Future Condition W/O Project				Future Condition W/ Project				Future W/ Project W/ Mitigation			
Movement	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NB Left	78	1	78	0	78	78	15	94	1	94	0	94	1	94	0	94	1	94
NB Left-Through		0							0				0				0	
NB Through	985	2	493	2	987	494	137	1134	2	567	2	1136	2	568	0	1136	2	568
NB Through-Right		1							1				1				1	
NB Right	55	1	0	31	86	0	1	57	1	0	31	88	1	0	0	88	1	0
NB Left-Through-Right		0							0				0				0	
NB Left-Right		0							0				0				0	
SB Left	110	1	110	18	128	128	12	123	1	123	18	141	1	141	0	141	1	141
SB Left-Through		0							0				0				0	
SB Through	925	1	547	23	948	558	176	1112	1	647	23	1135	1	658	0	1135	1	658
SB Through-Right		1							1				1				1	
SB Right	168	0	168	0	168	168	11	181	0	181	0	181	0	181	0	181	0	181
SB Left-Through-Right		0							0				0				0	
SB Left-Right		0							0				0				0	
EB Left	139	1	139	0	139	139	5	146	1	146	0	146	1	146	0	146	1	146
EB Left-Through		0							0				0				0	
EB Through	680	2	340	215	895	448	137	825	2	413	215	1040	2	520	0	1040	2	520
EB Through-Right		0							0				0				0	
EB Right	68	1	29	0	68	29	18	87	1	40	0	87	1	40	0	87	1	40
EB Left-Through-Right		0							0				0				0	
EB Left-Right		0							0				0				0	
WB Left	108	1	108	0	108	108	1	110	1	110	0	110	1	110	0	110	1	110
WB Left-Through		0							0				0				0	
WB Through	641	2	247	12	653	251	159	808	2	306	12	820	2	310	0	820	2	310
WB Through-Right		1							1				1				1	
WB Right	100	0	100	0	100	100	10	111	0	111	0	111	0	111	0	111	0	111
WB Left-Through-Right		0							0				0				0	
WB Left-Right		0							0				0				0	
Critical Volumes	North-South:		625	North-South:		636	North-South:			741	North-South:			752	North-South:			752
	East-West:		448	East-West:		556	East-West:			523	East-West:			630	East-West:			630
	SUM:		1073	SUM:		1192	SUM:			1264	SUM:			1382	SUM:			1382
Volume/Capacity (v/c) Ratio:			0.780			0.867				0.919				1.005				1.005
v/c less ATSAC/ATCS Adjustment:			0.680			0.767				0.819				0.905				0.905
Level of Service (LOS):			B			C				D				E				E

PROJECT IMPACT

Change in v/c due to project: 0.086 — Δv/c after mitigation: 0.086

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	147	North-South Street:	Alvardo	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	3	0	0

	Existing Condition			Existing Plus Project			Future Condition W/O Project				Future Condition W/ Project				Future W/ Project W/ Mitigation			
Movement	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NB Left	68	1	68	0	68	68	0	69	1	69	0	69	1	69	0	69	1	69
NB Left-Through		0							0				0				0	
NB Through	522	1	302	0	522	411	85	613	1	358	0	613	1	467	0	613	1	467
NB Through-Right		1							1				1				1	
NB Right	82	0	82	218	300	300	20	103	0	103	218	321	0	321	0	321	0	321
NB Left-Through-Right		0							0				0				0	
NB Left-Right		0							0				0				0	
SB Left	98	1	98	5	103	103	5	104	1	104	5	109	1	109	0	109	1	109
SB Left-Through		0							0				0				0	
SB Through	472	2	236	10	482	241	111	589	2	295	10	599	2	300	0	599	2	300
SB Through-Right		0							0				0				0	
SB Right	125	1	27	0	125	27	1	128	1	29	0	128	1	29	0	128	1	29
SB Left-Through-Right		0							0				0				0	
SB Left-Right		0							0				0				0	
EB Left	98	1	98	0	98	98	0	99	1	99	0	99	1	99	0	99	1	99
EB Left-Through		0							0				0				0	
EB Through	639	2	228	230	869	320	148	795	2	280	230	1025	2	372	0	1025	2	372
EB Through-Right		1							1				1				1	
EB Right	44	0	44	47	91	91	0	45	0	45	47	92	0	92	0	92	0	92
EB Left-Through-Right		0							0				0				0	
EB Left-Right		0							0				0				0	
WB Left	84	1	84	0	84	84	28	113	1	113	0	113	1	113	0	113	1	113
WB Left-Through		0							0				0				0	
WB Through	631	2	236	12	643	240	169	808	2	297	12	820	2	301	0	820	2	301
WB Through-Right		1							1				1				1	
WB Right	78	0	78	0	78	78	5	84	0	84	0	84	0	84	0	84	0	84
WB Left-Through-Right		0							0				0				0	
WB Left-Right		0							0				0				0	
Critical Volumes	North-South:		400	North-South:		514	North-South:			462	North-South:			576	North-South:			576
	East-West:		334	East-West:		404	East-West:			396	East-West:			485	East-West:			485
	SUM:		734	SUM:		918	SUM:			858	SUM:			1061	SUM:			1061
Volume/Capacity (v/c) Ratio:			0.534			0.668				0.624				0.772				0.772
v/c less ATSAC/ATCS Adjustment:			0.434			0.568				0.524				0.672				0.672
Level of Service (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.148 — Δv/c after mitigation: 0.148

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	148	North-South Street:	Union	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0

	Existing Condition			Existing Plus Project			Future Condition W/O Project				Future Condition W/ Project				Future W/ Project W/ Mitigation			
Movement	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NB Left	77	1	77	0	77	77	0	78	1	78	0	78	1	78	0	78	1	78
NB Left-Through		0							0				0				0	
NB Through	423	0	445	48	471	493	1	429	0	451	48	477	0	499	0	477	0	499
NB Through-Right		1							1				1				1	
NB Right	22	0	0	0	22	0	0	22	0	0	0	22	0	0	0	22	0	0
NB Left-Through-Right		0							0				0				0	
NB Left-Right		0							0				0				0	
SB Left	63	1	63	0	63	63	0	64	1	64	0	64	1	64	0	64	1	64
SB Left-Through		0							0				0				0	
SB Through	409	1	409	0	409	409	1	415	1	415	0	415	1	415	0	415	1	415
SB Through-Right		0							0				0				0	
SB Right	95	1	68	0	95	68	0	96	1	69	0	96	1	69	0	96	1	69
SB Left-Through-Right		0							0				0				0	
SB Left-Right		0							0				0				0	
EB Left	54	1	54	0	54	54	0	55	1	55	0	55	1	55	0	55	1	55
EB Left-Through		0							0				0				0	
EB Through	646	2	232	452	1098	382	173	827	2	292	452	1279	2	443	0	1279	2	443
EB Through-Right		1							1				1				1	
EB Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
EB Left-Through-Right		0							0				0				0	
EB Left-Right		0							0				0				0	
WB Left	50	1	50	62	112	112	0	51	1	51	108	159	1	159	0	159	1	159
WB Left-Through		0							0				0				0	
WB Through	606	2	223	12	618	227	202	815	2	297	12	827	2	301	0	827	2	301
WB Through-Right		1							1				1				1	
WB Right	64	0	64	0	64	64	10	75	0	75	0	75	0	75	0	75	0	75
WB Left-Through-Right		0							0				0				0	
WB Left-Right		0							0				0				0	
Critical Volumes	North-South:		508	North-South:		556	North-South:			515	North-South:			563	North-South:			563
	East-West:		282	East-West:		494	East-West:			352	East-West:			602	East-West:			602
	SUM:		790	SUM:		1050	SUM:			867	SUM:			1165	SUM:			1165
Volume/Capacity (v/c) Ratio:			0.527			0.700				0.578				0.777				0.777
v/c less ATSAC/ATCS Adjustment:			0.427			0.600				0.478				0.677				0.677
Level of Service (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.199 — Δv/c after mitigation: 0.199

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	149	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	88	1	**88**	0	88	**88**	0	89	1	89	0	89	1	89	0	89	1	89
	Left-Through		0							0				0				0	
	Through	851	1	470	11	862	477	112	973	1	**532**	11	984	1	**538**	0	984	1	**538**
	Through-Right		1							1				1				1	
	Right	89	0	89	2	91	91	0	90	0	90	2	92	0	92	0	92	0	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	68	1	68	4	72	72	0	69	1	**69**	4	73	1	**73**	0	73	1	**73**
	Left-Through		0							0				0				0	
	Through	837	1	**456**	19	856	**465**	96	943	1	511	19	962	1	521	0	962	1	521
	Through-Right		1							1				1				1	
	Right	74	0	74	0	74	74	4	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	84	1	84	0	84	84	9	94	1	94	0	94	1	94	0	94	1	94
	Left-Through		0							0				0				0	
	Through	417	1	**254**	57	474	**283**	73	495	1	**294**	57	552	1	**322**	0	552	1	**322**
	Through-Right		1							1				1				1	
	Right	91	0	91	0	91	91	0	92	0	92	0	92	0	92	0	92	0	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	91	1	**91**	0	91	**91**	0	92	1	**92**	0	92	1	**92**	0	92	1	**92**
	Left-Through		0							0				0				0	
	Through	383	1	232	12	395	238	88	476	1	279	12	488	1	285	0	488	1	285
	Through-Right		1							1				1				1	
	Right	81	0	81	0	81	81	0	82	0	82	0	82	0	82	0	82	0	82
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		544	North-South:		553	North-South:			601	North-South:			611	North-South:			611
		East-West:		345	East-West:		374	East-West:			386	East-West:			414	East-West:			412
		SUM:		889	SUM:		927	SUM:			987	SUM:			1025	SUM:			1025
VOLUME/CAPACITY (V/C) RATIO:				0.593			0.618				0.658				0.683				0.683
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.493**			**0.518**				**0.558**				**0.583**				**0.583**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.025 | Δv/c after mitigation: 0.025

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	150	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	47	0	47	0	47	47	0	48	0	48	0	48	0	48	0	48	0	48
	Left-Through		1							1				1				1	
	Through	603	0	**469**	3	606	**471**	61	671	0	**506**	3	674	0	**508**	0	674	0	**508**
	Through-Right		1							1				1				1	
	Right	147	0	469	0	147	471	0	149	0	506	0	149	0	508	0	149	0	508
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	35	0	**35**	1	36	**36**	3	38	0	**38**	1	39	0	**39**	0	39	0	**39**
	Left-Through		1							1				1				1	
	Through	662	0	428	5	667	432	42	712	0	460	5	717	0	464	0	717	0	464
	Through-Right		1							1				1				1	
	Right	53	0	428	0	53	432	1	55	0	460	0	55	0	464	0	55	0	464
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	35	1	35	0	35	35	1	36	1	36	0	36	1	36	0	36	1	36
	Left-Through		0							0				0				0	
	Through	397	1	**233**	63	460	**264**	73	475	1	**272**	63	538	1	**304**	0	538	1	**304**
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	0	69	0	69	0	69	0	69	0	69	0	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	107	1	**107**	0	107	**107**	0	108	1	**108**	0	108	1	**108**	0	108	1	**108**
	Left-Through		0							0				0				0	
	Through	426	1	239	12	438	245	88	519	1	289	12	531	1	295	0	531	1	295
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	7	59	0	59	0	59	0	59	0	59	0	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		504	North-South:		507	North-South:			544	North-South:			547	North-South:			547
		East-West:		340	East-West:		371	East-West:			380	East-West:			412	East-West:			412
		SUM:		844	SUM:		878	SUM:			924	SUM:			959	SUM:			959
VOLUME/CAPACITY (V/C) RATIO:				0.563			0.585				0.616				0.639				0.639
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.463**			**0.485**				**0.516**				**0.539**				**0.539**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.023 | Δv/c after mitigation: 0.023

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	151	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	87	1	87	0	87	87	0	88	1	88	0	88	1	88	0	88	1	88
	Left-Through		0							0				0				0	
	Through	1011	1	**544**	33	1044	**604**	152	1175	1	**627**	33	1208	1	**687**	0	1208	1	**687**
	Through-Right		1							1				1				1	
	Right	77	0	77	87	164	164	0	78	0	78	87	165	0	165	0	165	0	165
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	103	1	**103**	4	107	**107**	0	104	1	**104**	4	108	1	**108**	0	108	1	**108**
	Left-Through		0							0				0				0	
	Through	925	1	510	19	944	520	194	1130	1	614	19	1149	1	623	0	1149	1	623
	Through-Right		1							1				1				1	
	Right	95	0	95	0	95	95	1	97	0	97	0	97	0	97	0	97	0	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	75	1	**75**	0	75	**75**	1	77	1	**77**	0	77	1	**77**	0	77	1	**77**
	Left-Through		0							0				0				0	
	Through	448	1	260	65	513	292	74	527	1	300	66	593	1	333	0	593	1	333
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	0	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	59	1	59	0	59	59	0	60	1	60	0	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	554	1	**312**	12	566	**318**	93	654	1	**362**	12	666	1	**368**	0	666	1	**368**
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	0	70	0	70	0	70	0	70	0	70	0	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		647	North-South:		711	North-South:			731	North-South:			795	North-South:			795
		East-West:		387	East-West:		393	East-West:			439	East-West:			445	East-West:			445
		SUM:		1034	SUM:		1104	SUM:			1170	SUM:			1240	SUM:			1240
VOLUME/CAPACITY (V/C) RATIO:				0.689			0.736				0.780				0.827				0.827
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.589**			**0.636**				**0.680**				**0.727**				**0.727**
LEVEL OF SERVICE (LOS):				**A**			**B**				**B**				**C**				**C**

PROJECT IMPACT

Change in v/c due to project: 0.047 | Δv/c after mitigation: 0.047

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	152	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
	Left-Through		1							1				1				1	
	Through	486	0	**330**	85	571	**504**	99	591	0	**390**	85	676	0	**565**	0	676	0	**565**
	Through-Right		1							1				1				1	
	Right	106	0	330	263	369	504	14	121	0	390	264	385	0	565	0	385	0	565
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	85	1	**85**	56	141	**141**	0	86	1	**86**	56	142	1	**142**	0	142	1	**142**
	Left-Through		0							0				0				0	
	Through	445	1	300	0	445	300	134	584	1	373	0	584	1	373	0	584	1	373
	Through-Right		1							1				1				1	
	Right	155	0	155	0	155	155	4	161	0	161	0	161	0	161	0	161	0	161
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	134	1	**134**	133	267	**267**	5	141	1	**141**	133	274	1	**274**	0	274	1	**274**
	Left-Through		0							0				0				0	
	Through	505	1	270	25	530	283	70	581	1	308	25	606	1	321	0	606	1	321
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	87	1	87	1	88	88	0	88	1	88	1	89	1	89	0	89	1	89
	Left-Through		0							0				0				0	
	Through	573	1	**343**	12	585	**349**	89	669	1	**391**	12	681	1	**397**	0	681	1	**397**
	Through-Right		1							1				1				1	
	Right	112	0	112	0	112	112	0	113	0	113	0	113	0	113	0	113	0	113
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		415	North-South:		645	North-South:			476	North-South:			707	North-South:			707
		East-West:		477	East-West:		616	East-West:			532	East-West:			671	East-West:			671
		SUM:		892	SUM:		1261	SUM:			1008	SUM:			1378	SUM:			1378
VOLUME/CAPACITY (V/C) RATIO:				0.626			0.885				0.707				0.967				0.967
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.526**			**0.785**				**0.607**				**0.867**				**0.867**
LEVEL OF SERVICE (LOS):				**A**			**C**				**B**				**D**				**D**

PROJECT IMPACT

Change in v/c due to project: 0.260 | Δv/c after mitigation: 0.260

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	153	North-South Street:	Pico	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Union	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	61	1	61	0	61	61	0	62	1	62	0	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	458	0	494	0	458	494	0	464	0	500	0	464	0	500	0	464	0	500
	Through-Right		1							1				1				1	
	Right	36	0	0	0	36	0	0	36	0	0	0	36	0	0	0	36	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	1	44	0	44	44	1	46	1	46	0	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	419	1	419	28	447	447	0	424	1	424	48	472	1	472	0	472	1	472
	Through-Right		0							0				0				0	
	Right	103	1	77	0	103	77	0	104	1	77	0	104	1	77	0	104	1	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	53	1	53	0	53	53	0	54	1	54	0	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	638	1	346	344	982	518	84	730	1	393	344	1074	1	565	0	1074	1	565
	Through-Right		1							1				1				1	
	Right	54	0	54	0	54	54	0	55	0	55	0	55	0	55	0	55	0	55
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	46	1	46	0	46	46	7	54	1	54	0	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	673	1	360	12	685	366	90	771	1	410	12	783	1	416	0	783	1	416
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	1	49	0	49	0	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		538	North-South:		538	North-South:			546	North-South:			546	North-South:			546
		East-West:		413	East-West:		564	East-West:			464	East-West:			619	East-West:			619
		SUM:		951	SUM:		1102	SUM:			1010	SUM:			1165	SUM:			1165
VOLUME/CAPACITY (V/C) RATIO:				0.634			0.735				0.673				0.777				0.777
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.534			0.635				0.573				0.677				0.677
LEVEL OF SERVICE (LOS):				A			B				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.104 — Δv/c after mitigation: 0.104

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	154	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Alvarado	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 1	SB--	0	NB-- 1	SB--	0	NB-- 1	SB--	0	NB-- 1	SB--	0	NB-- 1	SB--	0	NB-- 1	SB--	0	NB-- 1	SB--	0	NB-- 1	SB--	0
	EB-- 0	WB--	0	EB-- 1	WB--	0	EB-- 0	WB--	0	EB-- 1	WB--	0	EB-- 0	WB--	0	EB-- 1	WB--	0	EB-- 0	WB--	0	EB-- 1	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	575	2	288	11	586	293	70	652	2	326	11	663	2	332	0	663	2	332
	Through-Right		1							1				1				1	
	Right	493	1	0	348	841	0	113	612	1	0	348	960	1	0	0	960	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	592	2	296	4	596	298	16	615	2	308	4	619	2	310	0	619	2	310
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	482	1	248	1	483	249	135	623	1	319	1	624	1	319	0	624	1	319
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	14	0	248	0	14	249	0	14	0	319	0	14	0	319	0	14	0	319
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
CRITICAL VOLUMES		North-South:		296	North-South:		298	North-South:			326	North-South:			332	North-South:			332
		East-West:		248	East-West:		249	East-West:			319	East-West:			319	East-West:			319
		SUM:		544	SUM:		547	SUM:			645	SUM:			651	SUM:			651
VOLUME/CAPACITY (V/C) RATIO:				0.363			0.365				0.430				0.434				0.434
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.263			0.265				0.330				0.334				0.334
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.004 — Δv/c after mitigation: 0.004

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	155	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	75	1	75	0	75	75	0	76	1	76	0	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	892	1	480	13	905	488	112	1015	1	542	13	1028	1	550	0	1028	1	550
	Through-Right		1							1				1				1	
	Right	67	0	67	4	71	71	0	68	0	68	4	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	42	1	42	8	50	50	0	43	1	43	8	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	756	2	378	11	767	384	96	861	2	431	11	872	2	436	0	872	2	436
	Through-Right		0							0				0				0	
	Right	55	1	25	0	55	25	0	56	1	26	0	56	1	26	0	56	1	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	60	1	60	0	60	60	0	61	1	61	0	61	1	61	0	61	1	61
	Left-Through		0							0				0				0	
	Through	357	1	204	113	470	261	30	391	1	222	113	504	1	278	0	504	1	278
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	86	1	86	0	86	86	0	87	1	87	0	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	337	1	194	6	343	197	37	378	1	215	6	384	1	218	0	384	1	218
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		522	North-South:		538	North-South:			585	North-South:			601	North-South:			601
		East-West:		290	East-West:		347	East-West:			309	East-West:			365	East-West:			365
		SUM:		812	SUM:		885	SUM:			894	SUM:			966	SUM:			966
VOLUME/CAPACITY (V/C) RATIO:				0.541			0.590				0.596				0.644				0.644
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.441			0.490				0.496				0.544				0.544
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.048 — Δv/c after mitigation: 0.048

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	156	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	73	1	73	0	73	73	0	74	1	74	0	74	1	74	0	74	1	74
	Left-Through		0							0				0				0	
	Through	692	1	364	3	695	366	61	761	1	399	3	764	1	401	0	764	1	401
	Through-Right		1							1				1				1	
	Right	36	0	36	1	37	37	0	36	0	36	1	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	27	1	27	2	29	29	0	27	1	27	2	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	786	1	427	3	789	428	42	837	1	453	3	840	1	454	0	840	1	454
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	58	1	58	0	58	58	0	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	322	1	213	125	447	275	30	356	1	230	125	481	1	293	0	481	1	293
	Through-Right		1							1				1				1	
	Right	103	0	103	0	103	103	0	104	0	104	0	104	0	104	0	104	0	104
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	299	1	171	6	305	174	37	340	1	192	6	346	1	195	0	346	1	195
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		500	North-South:		501	North-South:			527	North-South:			528	North-South:			528
		East-West:		238	East-West:		300	East-West:			255	East-West:			318	East-West:			318
		SUM:		738	SUM:		801	SUM:			782	SUM:			846	SUM:			846
VOLUME/CAPACITY (V/C) RATIO:				0.492			0.534				0.521				0.564				0.564
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.392			0.434				0.421				0.464				0.464
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.043 — Δv/c after mitigation: 0.043

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	157	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	45	1	45	0	45	45	0	46	1	46	0	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	994	1	**557**	120	1114	**619**	153	1159	1	**640**	120	1279	1	**702**	0	1279	1	**702**
	Through-Right		1							1				1				1	
	Right	119	0	119	4	123	123	0	120	0	120	4	124	0	124	0	124	0	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	64	1	**64**	8	72	**72**	0	65	1	**65**	8	73	1	**73**	0	73	1	**73**
	Left-Through		0							0				0				0	
	Through	965	1	522	11	976	528	194	1171	1	626	11	1182	1	631	0	1182	1	631
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	0	80	0	80	0	80	0	80	0	80	0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	75	1	**75**	0	75	75	0	76	1	**76**	0	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	321	1	181	128	449	**245**	30	355	1	198	128	483	1	**262**	0	483	1	**262**
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	57	1	57	0	57	**57**	0	58	1	58	0	58	1	**58**	0	58	1	**58**
	Left-Through		0							0				0				0	
	Through	292	1	**179**	6	298	182	37	333	1	**200**	6	339	1	203	0	339	1	203
	Through-Right		1							1				1				1	
	Right	65	0	65	0	65	65	0	66	0	66	0	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		621	North-South:		691	North-South:			705	North-South:			775	North-South:			775
		East-West:		254	East-West:		302	East-West:			276	East-West:			320	East-West:			320
		SUM:		875	SUM:		993	SUM:			981	SUM:			1095	SUM:			1095
VOLUME/CAPACITY (V/C) RATIO:				0.583			0.662				0.654				0.730				0.730
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.483**			**0.562**				**0.554**				**0.630**				**0.630**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**B**				**B**

PROJECT IMPACT

Change in v/c due to project: **0.076** Δv/c after mitigation: **0.076**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	158	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	51	1	**51**	0	51	**51**	0	52	1	**52**	0	52	1	**52**	0	52	1	**52**
	Left-Through		0							0				0				0	
	Through	895	2	312	326	1221	441	183	1089	2	378	326	1415	2	506	0	1415	2	506
	Through-Right		1							1				1				1	
	Right	42	0	42	60	102	102	1	44	0	44	60	104	0	104	0	104	0	104
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	51	1	51	2	53	53	0	52	1	52	2	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	894	2	**447**	3	897	**449**	151	1056	2	**528**	3	1059	2	**530**	0	1059	2	**530**
	Through-Right		1							1				1				1	
	Right	108	1	39	0	108	22	0	109	1	39	0	109	1	22	0	109	1	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	138	1	**138**	34	172	172	0	140	1	140	34	174	1	174	0	174	1	174
	Left-Through		0							0				0				0	
	Through	222	1	168	108	330	**222**	30	255	1	**185**	108	363	1	**239**	0	363	1	**239**
	Through-Right		1							1				1				1	
	Right	114	0	114	0	114	114	0	115	0	115	0	115	0	115	0	115	0	115
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	93	1	93	6	99	**99**	22	116	1	**116**	6	122	1	**122**	0	122	1	**122**
	Left-Through		0							0				0				0	
	Through	190	1	**126**	6	196	129	37	229	1	146	6	235	1	149	0	235	1	149
	Through-Right		1							1				1				1	
	Right	61	0	61	0	61	61	0	62	0	62	0	62	0	62	0	62	0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		498	North-South:		500	North-South:			580	North-South:			582	North-South:			582
		East-West:		264	East-West:		321	East-West:			301	East-West:			361	East-West:			361
		SUM:		762	SUM:		821	SUM:			881	SUM:			943	SUM:			943
VOLUME/CAPACITY (V/C) RATIO:				0.535			0.576				0.618				0.662				0.662
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.435**			**0.476**				**0.518**				**0.562**				**0.562**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: **0.044** Δv/c after mitigation: **0.044**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	159	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	75	1	75	0	75	75	0	76	1	76	0	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	1028	1	**558**	17	1045	**569**	112	1152	1	**621**	17	1169	1	**632**	0	1169	1	**632**
	Through-Right		1							1				1				1	
	Right	88	0	88	5	93	93	0	89	0	89	5	94	0	94	0	94	0	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	63	1	**63**	11	74	**74**	0	64	1	**64**	11	75	1	**75**	0	75	1	**75**
	Left-Through		0							0				0				0	
	Through	948	1	496	0	948	496	96	1055	1	550	0	1055	1	550	0	1055	1	550
	Through-Right		1							1				1				1	
	Right	44	0	44	0	44	44	0	45	0	45	0	45	0	45	0	45	0	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	73	1	73	0	73	73	0	74	1	74	0	74	1	74	0	74	1	74
	Left-Through		0							0				0				0	
	Through	330	2	**142**	132	462	**186**	75	409	2	**169**	132	541	2	**213**	0	541	2	**213**
	Through-Right		1							1				1				1	
	Right	96	0	96	0	96	96	0	97	0	97	0	97	0	97	0	97	0	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	100	1	**100**	0	100	**100**	0	101	1	**101**	0	101	1	**101**	0	101	1	**101**
	Left-Through		0							0				0				0	
	Through	296	2	128	4	300	130	80	380	2	157	4	384	2	158	0	384	2	158
	Through-Right		1							1				1				1	
	Right	89	0	89	0	89	89	0	90	0	90	0	90	0	90	0	90	0	90
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		621	North-South:		643	North-South:			685	North-South:			707	North-South:			707
		East-West:		242	East-West:		286	East-West:			270	East-West:			314	East-West:			314
		SUM:		863	SUM:		929	SUM:			955	SUM:			1021	SUM:			1021
VOLUME/CAPACITY (V/C) RATIO:				0.628			0.676				0.695				0.743				0.743
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.528**			**0.576**				**0.595**				**0.643**				**0.643**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**B**				**B**

PROJECT IMPACT

Change in v/c due to project: **0.048** Δv/c after mitigation: **0.048**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	160	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	125	1	**125**	0	125	**125**	0	127	1	**127**	0	127	1	**127**	0	127	1	**127**
	Left-Through		0							0				0				0	
	Through	779	1	455	4	783	457	61	849	1	491	4	853	1	493	0	853	1	493
	Through-Right		1							1				1				1	
	Right	130	0	130	1	131	131	0	132	0	132	1	133	0	133	0	133	0	133
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	65	1	65	3	68	68	0	66	1	66	3	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	801	1	**430**	0	801	**430**	42	853	1	**457**	0	853	1	**457**	0	853	1	**457**
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	318	2	**148**	149	467	**198**	75	397	2	**175**	149	546	2	**225**	0	546	2	**225**
	Through-Right		1							1				1				1	
	Right	126	0	126	0	126	126	0	128	0	128	0	128	0	128	0	128	0	128
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	81	1	**81**	0	81	**81**	0	82	1	**82**	0	82	1	**82**	0	82	1	**82**
	Left-Through		0							0				0				0	
	Through	249	2	102	4	253	103	80	332	2	130	4	336	2	131	0	336	2	131
	Through-Right		1							1				1				1	
	Right	57	0	57	0	57	57	0	58	0	58	0	58	0	58	0	58	0	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		555	North-South:		555	North-South:			584	North-South:			584	North-South:			584
		East-West:		229	East-West:		279	East-West:			257	East-West:			307	East-West:			307
		SUM:		784	SUM:		834	SUM:			841	SUM:			891	SUM:			891
VOLUME/CAPACITY (V/C) RATIO:				0.570			0.607				0.612				0.648				0.648
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.470**			**0.507**				**0.512**				**0.548**				**0.548**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: **0.036** Δv/c after mitigation: **0.036**

Significant impacted? **NO** Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	161	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 3 SB-- 0, EB-- 0 WB-- 2 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	68	1	68	0	68	68	0	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	948	2	474	124	1072	536	153	1112	2	556	124	1236	2	618	0	1236	2	618
	Through-Right		0							0				0				0	
	Right	108	1	5	5	113	10	0	109	1	5	5	114	1	10	0	114	1	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	56	1	56	11	67	67	0	57	1	57	11	68	1	68	0	68	1	68
	Left-Through		0							0				0				0	
	Through	963	2	482	0	963	482	194	1169	2	585	0	1169	2	585	0	1169	2	585
	Through-Right		0							0				0				0	
	Right	48	1	0	0	48	0	0	49	1	1	0	49	1	1	0	49	1	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	96	1	96	0	96	96	0	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	321	2	161	153	474	237	75	400	2	200	153	553	2	277	0	553	2	277
	Through-Right		0							0				0				0	
	Right	40	1	6	0	40	6	0	40	1	6	0	40	1	6	0	40	1	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	103	1	103	0	103	103	0	104	1	104	0	104	1	104	0	104	1	104
	Left-Through		0							0				0				0	
	Through	374	2	153	4	378	154	80	459	2	182	4	463	2	183	0	463	2	183
	Through-Right		1							1				1				1	
	Right	85	0	85	0	85	85	0	86	0	86	0	86	0	86	0	86	0	86
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		550	North-South:		603	North-South:		654	North-South:			686	North-South:			686	
		East-West:		264	East-West:		340	East-West:		304	East-West:			381	East-West:			321	
		SUM:		814	SUM:		943	SUM:		958	SUM:			1067	SUM:			1067	
VOLUME/CAPACITY (V/C) RATIO:				0.592			0.686			0.697				0.776				0.776	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.492			0.586			0.597				0.676				0.676	
LEVEL OF SERVICE (LOS):				A			A			A				B				B	

PROJECT IMPACT

Change in v/c due to project: 0.079 | Δv/c after mitigation: 0.079 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	162	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	64	1	64	0	64	64	0	65	1	65	0	65	1	65	0	65	1	65
	Left-Through		0							0				0				0	
	Through	775	2	388	352	1127	564	171	955	2	478	353	1308	2	654	0	1308	2	654
	Through-Right		0							0				0				0	
	Right	44	1	18	4	48	22	0	45	1	19	4	49	1	23	0	49	1	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	148	1	148	2	150	150	12	162	1	162	2	164	1	164	0	164	1	164
	Left-Through		0							0				0				0	
	Through	782	2	391	7	789	395	161	952	2	476	8	960	2	480	0	960	2	480
	Through-Right		0							0				0				0	
	Right	153	1	99	0	153	82	0	155	1	101	0	155	1	84	0	155	1	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	108	1	108	34	142	142	0	109	1	109	34	143	1	143	0	143	1	143
	Left-Through		0							0				0				0	
	Through	339	2	131	135	474	176	75	418	2	157	135	553	2	202	0	553	2	202
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	0	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	52	1	52	0	52	52	0	53	1	53	0	53	1	53	0	53	1	53
	Left-Through		0							0				0				0	
	Through	344	2	143	4	348	145	80	428	2	176	4	432	2	178	0	432	2	178
	Through-Right		1							1				1				1	
	Right	86	0	86	0	86	86	14	101	0	101	0	101	0	101	0	101	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		536	North-South:		714	North-South:		640	North-South:			818	North-South:			818	
		East-West:		251	East-West:		287	East-West:		285	East-West:			321	East-West:			321	
		SUM:		787	SUM:		1001	SUM:		925	SUM:			1139	SUM:			1139	
VOLUME/CAPACITY (V/C) RATIO:				0.552			0.702			0.649				0.799				0.799	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.452			0.602			0.549				0.699				0.699	
LEVEL OF SERVICE (LOS):				A			B			A				B				B	

PROJECT IMPACT

Change in v/c due to project: 0.150 | Δv/c after mitigation: 0.150 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	163	North-South Street:	I-10 WB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	20th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 2 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	281	1	281	0	281	281	54	338	1	338	0	338	1	338	0	338	1	338
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	42	0	64	0	42	64	0	43	0	65	0	43	0	65	0	43	0	65
	Through-Right		1							1				1				1	
	Right	22	0	0	0	22	0	0	22	0	0	0	22	0	0	0	22	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	480	1	480	7	487	487	95	581	1	581	7	588	1	588	0	588	1	588
	Left-Through		0							0				0				0	
	Through	40	1	40	0	40	40	0	40	1	40	0	40	1	40	0	40	1	40
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		281	North-South:		281	North-South:		338	North-South:			338	North-South:			338	
		East-West:		544	East-West:		551	East-West:		646	East-West:			653	East-West:			653	
		SUM:		825	SUM:		832	SUM:		984	SUM:			991	SUM:			991	
VOLUME/CAPACITY (V/C) RATIO:				0.550			0.555			0.656				0.661				0.661	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.450			0.455			0.556				0.561				0.561	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.005 | Δv/c after mitigation: 0.005 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	164	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	I-10 EB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	882	2	441	23	905	453	112	1005	2	503	23	1028	2	514	0	1028	2	514
	Through-Right		0							0				0				0	
	Right	210	1	210	0	210	210	0	213	1	213	0	213	1	213	0	213	1	213
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	441	2	243	0	441	243	51	497	2	273	0	497	2	273	0	497	2	273
	Left-Through		0							0				0				0	
	Through	702	2	351	0	702	351	73	783	2	392	0	783	2	392	0	783	2	392
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	275	1	275	107	382	382	63	341	1	341	107	448	1	448	0	448	1	448
	Left-Through		0							0				0				0	
	Through	0	1	246	0	0	246	0	0	1	307	0	0	1	307	0	0	1	307
	Through-Right		1							1				1				1	
	Right	246	0	0	0	246	0	58	307	0	0	0	307	0	0	0	307	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		684	North-South:		696	North-South:		776	North-South:			787	North-South:			787	
		East-West:		275	East-West:		382	East-West:		341	East-West:			448	East-West:			448	
		SUM:		959	SUM:		1078	SUM:		1117	SUM:			1235	SUM:			1235	
VOLUME/CAPACITY (V/C) RATIO:				0.673			0.756			0.784				0.867				0.867	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.573			0.656			0.684				0.767				0.767	
LEVEL OF SERVICE (LOS):				A			B			B				C				C	

PROJECT IMPACT

Change in v/c due to project: 0.083 | Δv/c after mitigation: 0.083 | Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	165	North-South Street:	I-10 EB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Hoover	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3				3				3				3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	619	2	299	19	638	305	90	716	2	332	19	735	2	339	0	735	2	339
	Through-Right		1							1				1				1	
	Right	278	0	278	0	278	278	0	281	0	281	0	281	0	281	0	281	0	281
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	258	1	258	0	258	258	1	262	1	262	0	262	1	262	0	262	1	262
	Left-Through		0							0				0				0	
	Through	633	3	211	0	633	211	90	731	3	244	0	731	3	244	0	731	3	244
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	402	1	312	338	740	481	51	458	1	351	338	796	1	520	0	796	1	520
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	222	0	312	0	222	481	18	243	0	351	0	243	0	520	0	243	0	520
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		557	North-South:		563	North-South:			594	North-South:			601	North-South:			601
		East-West:		312	East-West:		481	East-West:			351	East-West:			520	East-West:			520
		SUM:		869	SUM:		1044	SUM:			945	SUM:			1121	SUM:			1121
VOLUME/CAPACITY (V/C) RATIO:				0.610			0.733				0.663				0.787				0.787
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.510			0.633				0.563				0.687				0.687
LEVEL OF SERVICE (LOS):				A			B				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.124 Δv/c after mitigation: 0.124

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	166	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through		1							1				1				1	
	Through	92	0	71	686	778	414	82	175	0	128	686	861	0	471	0	861	0	471
	Through-Right		1							1				1				1	
	Right	17	0	71	0	17	414	0	17	0	128	0	17	0	471	0	17	0	471
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	10	0	10	0	10	10	6	16	0	16	0	16	0	16	0	16	0	16
	Left-Through		1							1				1				1	
	Through	130	0	77	0	130	92	180	312	0	174	0	312	0	198	0	312	0	198
	Through-Right		1							1				1				1	
	Right	13	0	77	0	13	92	6	19	0	174	0	19	0	198	0	19	0	198
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	6	0	6	53	59	59	0	6	0	6	53	59	0	59	0	59	0	59
	Left-Through		1							1				1				1	
	Through	172	0	97	6	178	171	3	177	0	99	6	183	0	228	0	183	0	228
	Through-Right		1							1				1				1	
	Right	15	0	97	30	45	171	0	15	0	99	30	45	0	0	0	45	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	13	0	13	0	13	13	0	13	0	13	0	13	0	13	0	13	0	13
	Left-Through		1							1				1				1	
	Through	165	0	93	259	424	303	13	180	0	102	259	439	0	312	0	439	0	312
	Through-Right		1							1				1				1	
	Right	7	0	93	161	168	303	3	10	0	102	161	171	0	312	0	171	0	312
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		109	North-South:		424	North-South:			206	North-South:			487	North-South:			487
		East-West:		110	East-West:		362	East-West:			112	East-West:			371	East-West:			371
		SUM:		219	SUM:		786	SUM:			318	SUM:			858	SUM:			858
VOLUME/CAPACITY (V/C) RATIO:				0.146			0.524				0.212				0.572				0.572
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.073			0.424				0.112				0.472				0.472
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.360 Δv/c after mitigation: 0.360

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	167	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	26	1	26	52	78	78	8	34	1	34	52	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	247	1	129	124	371	191	65	315	1	163	124	439	1	225	0	439	1	225
	Through-Right		1							1				1				1	
	Right	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	1	9	0	9	9	0	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	212	1	111	0	212	111	122	337	1	174	0	337	1	174	0	337	1	174
	Through-Right		1							1				1				1	
	Right	10	0	10	0	10	10	1	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through		1							1				1				1	
	Through	150	0	107	4	154	120	7	159	1	113	4	163	0	126	0	163	1	126
	Through-Right		1							1				1				1	
	Right	44	0	107	3	47	120	2	47	0	113	3	50	0	126	0	50	0	126
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	6	0	6	20	26	26	0	6	0	6	20	26	0	26	0	26	0	26
	Left-Through		1							1				1				1	
	Through	145	0	83	369	514	277	6	153	0	87	369	522	0	281	0	522	0	281
	Through-Right		1							1				1				1	
	Right	14	0	83	0	14	277	0	14	0	87	0	14	0	281	0	14	0	281
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		138	North-South:		200	North-South:			208	North-South:			260	North-South:			260
		East-West:		113	East-West:		296	East-West:			119	East-West:			300	East-West:			300
		SUM:		251	SUM:		496	SUM:			327	SUM:			560	SUM:			560
VOLUME/CAPACITY (V/C) RATIO:				0.167			0.331				0.218				0.373				0.373
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.084			0.231				0.118				0.273				0.273
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.155 Δv/c after mitigation: 0.155

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	168	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	26	1	26	0	26	26	0	26	1	26	0	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	221	1	115	0	221	115	112	336	1	172	0	336	1	172	0	336	1	172
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	206	1	110	0	206	121	119	327	0	343	0	327	0	365	0	327	0	365
	Through-Right		1							1				1				1	
	Right	14	0	14	22	36	36	2	16	0	0	22	38	0	0	0	38	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	22	0	22	3	25	25	0	22	0	22	3	25	0	25	0	25	0	25
	Left-Through		1							1				1				1	
	Through	104	1	79	0	104	93	7	112	0	83	0	112	0	97	0	112	0	97
	Through-Right		1							1				1				1	
	Right	32	0	79	0	32	93	0	32	0	83	0	32	0	97	0	32	0	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	5	0	5	1	6	6	0	5	0	5	1	6	0	6	0	6	0	6
	Left-Through		1							1				1				1	
	Through	132	0	76	367	499	260	4	138	0	79	367	505	0	263	0	505	0	263
	Through-Right		1							1				1				1	
	Right	14	0	76	0	14	260	0	14	0	79	0	14	0	263	0	14	0	263
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		136	North-South:		147	North-South:			369	North-South:			391	North-South:			391
		East-West:		98	East-West:		285	East-West:			101	East-West:			288	East-West:			288
		SUM:		234	SUM:		432	SUM:			470	SUM:			679	SUM:			679
VOLUME/CAPACITY (V/C) RATIO:				0.156			0.288				0.313				0.453				0.453
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.078			0.188				0.213				0.353				0.353
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.140 Δv/c after mitigation: 0.140

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	169	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	12	0 1	12	0	12	12	0	12	0 1	12	0	12	0 1	12	0	12	0 1	12
	Left-Through																		
	Through	219	0 1	120	0	219	120	17	239	0 1	130	0	239	0 1	130	0	239	0 1	130
	Through-Right																		
	Right	9	0	120	0	9	120	0	9	0	130	0	9	0	130	0	9	0	130
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	0 1	9	0	9	9	0	9	0 1	9	0	9	0 1	9	0	9	0 1	9
	Left-Through																		
	Through	219	0 1	124	0	219	124	28	250	0 1	139	0	250	0 1	139	0	250	0 1	139
	Through-Right																		
	Right	19	0	124	0	19	124	0	19	0	139	0	19	0	139	0	19	0	139
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	24	0 1	24	0	24	24	0	24	0 1	24	0	24	0 1	24	0	24	0 1	24
	Left-Through																		
	Through	71	0 1	59	0	71	71	0	72	0 1	60	0	72	0 1	72	0	72	0 1	72
	Through-Right																		
	Right	23	0	59	0	23	71	0	23	0	60	0	23	0	72	0	23	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	18	0 1	18	199	217	217	0	18	0 1	18	199	217	0 1	217	0	217	0 1	217
	Left-Through																		
	Through	122	0 1	87	368	490	370	4	127	0 1	89	368	495	0 1	373	0	495	0 1	373
	Through-Right																		
	Right	33	0	87	0	33	370	0	33	0	89	0	33	0	373	0	33	0	373
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		136	North-South:		136	North-South:			151	North-South:			151	North-South:			151
		East-West:		111	East-West:		394	East-West:			113	East-West:			397	East-West:			397
		SUM:		247	SUM:		530	SUM:			264	SUM:			548	SUM:			548
VOLUME/CAPACITY (V/C) RATIO:				0.165			0.353				0.176				0.365				0.365
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.082			0.253				0.088				0.265				0.265
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.177 | Δv/c after mitigation: 0.177
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	170	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	68	1	68	0	68	68	0	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	216	2	108	0	216	108	0	219	2	110	0	219	2	110	0	219	2	110
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	395	1	261	0	395	261	0	400	1	264	0	400	1	264	0	400	1	264
	Through-Right		1							1				1				1	
	Right	126	0	126	0	126	126	0	128	0	128	0	128	0	128	0	128	0	128
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	54	1	20	0	54	20	0	55	1	21	0	55	1	21	0	55	1	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	185	1	185	0	185	185	0	187	1	187	0	187	1	187	0	187	1	187
	Left-Through		0							0				0				0	
	Through	145	1	145	567	712	495	4	151	1	151	567	718	1	499	0	718	1	499
	Through-Right		1							1				1				1	
	Right	273	0	273	4	277	277	0	276	0	276	4	280	0	280	0	280	0	280
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		329	North-South:		329	North-South:			333	North-South:			333	North-South:			333
		East-West:		310	East-West:		532	East-West:			313	East-West:			536	East-West:			536
		SUM:		639	SUM:		861	SUM:			646	SUM:			869	SUM:			869
VOLUME/CAPACITY (V/C) RATIO:				0.426			0.574				0.431				0.579				0.579
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.326			0.474				0.331				0.479				0.479
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.148 | Δv/c after mitigation: 0.148
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	171	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	158	1	158	5	163	163	0	160	1	160	5	165	1	165	0	165	1	165
	Left-Through		0							0				0				0	
	Through	286	2	143	84	370	185	30	319	2	160	85	404	2	202	0	404	2	202
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	409	1	281	2	411	291	47	461	1	308	2	463	1	318	0	463	1	318
	Through-Right		1							1				1				1	
	Right	153	0	153	18	171	171	0	155	0	155	18	173	0	173	0	173	0	173
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	199	0	199	0	199	199	0	201	0	201	0	201	0	201	0	201	0	201
	Left-Through		1							1				1				1	
	Through	162	2	81	183	345	173	4	168	2	84	183	351	2	176	0	351	2	176
	Through-Right		0							0				0				0	
	Right	176	1	176	0	176	176	0	178	1	178	0	178	1	178	0	178	1	178
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		439	North-South:		454	North-South:			468	North-South:			483	North-South:			483
		East-West:		199	East-West:		199	East-West:			201	East-West:			201	East-West:			201
		SUM:		638	SUM:		653	SUM:			669	SUM:			684	SUM:			684
VOLUME/CAPACITY (V/C) RATIO:				0.448			0.458				0.469				0.480				0.480
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.348			0.358				0.369				0.380				0.380
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.011 | Δv/c after mitigation: 0.011
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	172	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	61	1	61	37	98	98	0	62	1	62	37	99	1	99	0	99	1	99
	Left-Through		0							0				0				0	
	Through	547	1	288	76	623	326	102	656	1	343	76	732	1	381	0	732	1	381
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	32	1	32	0	32	32	28	60	1	60	0	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	338	1	198	1	339	199	87	429	1	245	1	430	1	246	0	430	1	246
	Through-Right		1							1				1				1	
	Right	57	0	57	1	58	58	2	60	0	60	1	61	0	61	0	61	0	61
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	94	1	94	0	94	94	4	99	1	99	0	99	1	99	0	99	1	99
	Left-Through		0							0				0				0	
	Through	262	1	171	1	263	174	60	325	1	203	1	326	1	206	0	326	1	206
	Through-Right		1							1				1				1	
	Right	79	0	79	5	84	84	0	80	0	80	5	85	0	85	0	85	0	85
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	286	1	165	46	332	195	60	349	1	205	46	395	1	235	0	395	1	235
	Through-Right		1							1				1				1	
	Right	44	0	44	13	57	57	16	61	0	61	13	74	0	74	0	74	0	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		320	North-South:		358	North-South:			403	North-South:			441	North-South:			441
		East-West:		259	East-West:		289	East-West:			304	East-West:			334	East-West:			334
		SUM:		579	SUM:		647	SUM:			707	SUM:			775	SUM:			775
VOLUME/CAPACITY (V/C) RATIO:				0.421			0.471				0.514				0.564				0.564
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.321			0.371				0.414				0.464				0.464
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.050 | Δv/c after mitigation: 0.050
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	173	North-South Street:	Wilton Place (ext. of Arlington)	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	63	1	**63**	0	63	**63**	0	64	1	**64**	0	64	1	**64**	0	64	1	**64**
	↰	Left-Through		0							0				0				0	
	↑	Through	652	1	352	0	652	352	0	660	1	357	0	660	1	357	0	660	1	357
	↑	Through-Right		1							1				1				1	
	↱	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	30	1	30	0	30	30	0	30	1	30	0	30	1	30	0	30	1	30
	↰	Left-Through		0							0				0				0	
	↑	Through	580	1	**345**	0	580	**345**	0	587	1	**349**	0	587	1	**349**	0	587	1	**349**
	↑	Through-Right		1							1				1				1	
	↱	Right	109	0	109	0	109	109	0	110	0	110	0	110	0	110	0	110	0	110
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	125	1	**125**	0	125	**125**	0	127	1	**127**	0	127	1	**127**	0	127	1	**127**
	↰	Left-Through		0							0				0				0	
	→	Through	634	2	225	39	673	238	59	701	2	248	39	740	2	261	0	740	2	261
	→	Through-Right		1							1				1				1	
	↱	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	100	1	100	0	100	100	0	101	1	101	0	101	1	101	0	101	1	101
	↰	Left-Through		0							0				0				0	
	↑	Through	714	2	**255**	3	717	**256**	62	785	2	**279**	3	788	2	**280**	0	788	2	**280**
	↑	Through-Right		1							1				1				1	
	↱	Right	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		408	*North-South:*		408	*North-South:*			413	*North-South:*			413	*North-South:*			413
			East-West:		380	*East-West:*		381	*East-West:*			406	*East-West:*			407	*East-West:*			407
			SUM:		788	*SUM:*		789	*SUM:*			819	*SUM:*			820	*SUM:*			820
	VOLUME/CAPACITY (*V/C*) RATIO:				0.525			0.526				0.546				0.547				0.547
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.455**			**0.456**				**0.446**				**0.447**				**0.447**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.001** | $\Delta v/c$ after mitigation: **0.001**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	174	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	60	1	60	0	60	60	0	61	1	61	0	61	1	61	0	61	1	61
	↰	Left-Through		0							0				0				0	
	↑	Through	514	2	**257**	0	514	**257**	0	520	2	**260**	0	520	2	**260**	0	520	2	**260**
	↑	Through-Right		1							1				1				1	
	↱	Right	68	1	46	0	68	46	0	69	1	46	0	69	1	46	0	69	1	46
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	81	1	**81**	0	81	**81**	0	82	1	**82**	0	82	1	**82**	0	82	1	**82**
	↰	Left-Through		0							0				0				0	
	↑	Through	516	2	258	0	516	258	0	522	2	261	0	522	2	261	0	522	2	261
	↑	Through-Right		0							0				0				0	
	↱	Right	105	1	55	0	105	55	0	106	1	56	0	106	1	56	0	106	1	56
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	100	1	100	0	100	100	0	101	1	101	0	101	1	101	0	101	1	101
	↰	Left-Through		0							0				0				0	
	→	Through	755	3	**252**	181	936	**312**	141	905	3	**302**	181	1086	3	**362**	0	1086	3	**362**
	→	Through-Right		0							0				0				0	
	↱	Right	69	1	39	0	69	39	0	70	1	40	0	70	1	40	0	70	1	40
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	45	1	**45**	0	45	**45**	0	46	1	**46**	0	46	1	**46**	0	46	1	**46**
	↰	Left-Through		0							0				0				0	
	↑	Through	585	3	195	12	597	199	144	736	3	245	12	748	3	249	0	748	3	249
	↑	Through-Right		0							0				0				0	
	↱	Right	51	1	11	0	51	11	0	52	1	11	0	52	1	11	0	52	1	11
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		338	*North-South:*		338	*North-South:*			342	*North-South:*			342	*North-South:*			342
			East-West:		297	*East-West:*		357	*East-West:*			348	*East-West:*			408	*East-West:*			408
			SUM:		635	*SUM:*		695	*SUM:*			690	*SUM:*			750	*SUM:*			750
	VOLUME/CAPACITY (*V/C*) RATIO:				0.423			0.463				0.460				0.500				0.500
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.323**			**0.363**				**0.360**				**0.400**				**0.400**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.040** | $\Delta v/c$ after mitigation: **0.040**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	175	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	94	1	**94**	0	94	**94**	0	95	1	**95**	0	95	1	**95**	0	95	1	**95**
	↰	Left-Through		0							0				0				0	
	↑	Through	568	2	284	0	568	284	0	575	2	**288**	0	575	2	**288**	0	575	2	**288**
	↑	Through-Right		0							0				0				0	
	↱	Right	55	1	26	0	55	26	0	56	1	27	0	56	1	27	0	56	1	27
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	61	1	61	0	61	61	0	62	1	**62**	0	62	1	**62**	0	62	1	**62**
	↰	Left-Through		0							0				0				0	
	↑	Through	502	2	**251**	0	502	**251**	0	508	2	254	0	508	2	254	0	508	2	254
	↑	Through-Right		0							0				0				0	
	↱	Right	76	1	37	0	76	37	0	77	1	37	0	77	1	37	0	77	1	37
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	79	1	79	0	79	79	0	80	1	80	0	80	1	80	0	80	1	80
	↰	Left-Through		0							0				0				0	
	→	Through	448	1	**270**	58	506	**299**	82	535	1	**314**	59	594	1	**343**	0	594	1	**343**
	→	Through-Right		1							1				1				1	
	↱	Right	91	0	91	0	91	91	0	92	0	92	0	92	0	92	0	92	0	92
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	58	1	**58**	0	58	**58**	0	59	1	**59**	0	59	1	**59**	0	59	1	**59**
	↰	Left-Through		0							0				0				0	
	↑	Through	397	1	229	12	409	235	92	494	1	278	12	506	1	284	0	506	1	284
	↑	Through-Right		1							1				1				1	
	↱	Right	60	0	60	0	60	60	0	61	0	61	0	61	0	61	0	61	0	61
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		345	*North-South:*		345	*North-South:*			350	*North-South:*			350	*North-South:*			350
			East-West:		328	*East-West:*		357	*East-West:*			373	*East-West:*			402	*East-West:*			402
			SUM:		673	*SUM:*		702	*SUM:*			723	*SUM:*			752	*SUM:*			752
	VOLUME/CAPACITY (*V/C*) RATIO:				0.449			0.468				0.482				0.501				0.501
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.349**			**0.368**				**0.382**				**0.401**				**0.401**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.019** | $\Delta v/c$ after mitigation: **0.019**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	176	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	↰	Left-Through		1							1				1				1	
	↑	Through	642	0	**442**	0	642	**442**	0	650	0	**448**	0	650	0	**448**	0	650	0	**448**
	↑	Through-Right		1							1				1				1	
	↱	Right	45	0	442	0	45	442	0	46	0	448	0	46	0	448	0	46	0	448
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	29	0	**29**	0	29	**29**	0	29	0	**29**	0	29	0	**29**	0	29	0	**29**
	↰	Left-Through		1							1				1				1	
	↑	Through	598	0	381	0	598	381	0	605	0	385	0	605	0	385	0	605	0	385
	↑	Through-Right		1							1				1				1	
	↱	Right	48	0	381	0	48	381	0	49	0	385	0	49	0	385	0	49	0	385
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	35	1	35	0	35	35	0	35	1	35	0	35	1	35	0	35	1	35
	↰	Left-Through		0							0				0				0	
	→	Through	366	2	**183**	114	480	**240**	30	400	2	**200**	115	515	2	**258**	0	515	2	**258**
	→	Through-Right		0							0				0				0	
	↱	Right	73	1	73	0	73	73	0	74	1	74	0	74	1	74	0	74	1	74
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	**56**
	↰	Left-Through		0							0				0				0	
	↑	Through	380	1	**207**	6	386	**210**	37	422	1	**228**	6	428	1	**231**	0	428	1	231
	↑	Through-Right		1							1				1				1	
	↱	Right	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		471	*North-South:*		471	*North-South:*			477	*North-South:*			477	*North-South:*			477
			East-West:		390	*East-West:*		450	*East-West:*			428	*East-West:*			489	*East-West:*			489
			SUM:		861	*SUM:*		921	*SUM:*			905	*SUM:*			966	*SUM:*			966
	VOLUME/CAPACITY (*V/C*) RATIO:				0.574			0.614				0.603				0.644				0.644
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.474**			**0.514**				**0.503**				**0.544**				**0.544**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.041** | $\Delta v/c$ after mitigation: **0.041**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/3/2011
177	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
	No. of Phases		2	2			2			2	2			2	2			2	2
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0			0			0	0			0	0			0	0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB-- EB-- 0 WB--	0	0	NB-- 0 SB-- EB-- 0 WB--		0	NB-- 0 SB-- EB-- 0 WB--		0	0	NB-- 0 SB-- EB-- 0 WB--		0	0	NB-- 0 SB-- EB-- 0 WB--		0	0
	ATSAC-1 or ATSAC+ATCS-2?		2	2			2			2	2			2	2			2	2
	Override Capacity		0	0			0			0	0			0	0			0	0
NORTHBOUND	Left	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through		1							1				1				1	
	Through	621	0	**463**	0	621	**463**	0	628	0	**469**	0	628	0	**469**	0	628	0	**469**
	Through-Right		1							1				1				1	
	Right	109	0	463	0	109	463	0	110	0	469	0	110	0	469	0	110	0	469
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	16	0	**16**	0	16	**16**	0	16	0	**16**	0	16	0	**16**	0	16	0	**16**
	Left-Through		1							1				1				1	
	Through	707	0	403	0	707	403	0	716	0	408	0	716	0	408	0	716	0	408
	Through-Right		1							1				1				1	
	Right	35	0	403	0	35	403	0	35	0	408	0	35	0	408	0	35	0	408
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	340	1	**205**	132	472	**271**	75	419	1	**245**	132	551	1	**311**	0	551	1	**311**
	Through-Right		1							1				1				1	
	Right	70	0	70	0	70	70	0	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	110	1	**110**	0	110	**110**	0	111	1	**111**	0	111	1	**111**	0	111	1	**111**
	Left-Through		0							0				0				0	
	Through	375	2	143	4	379	144	80	460	2	172	4	464	2	173	0	464	2	173
	Through-Right		1							1				1				1	
	Right	54	0	54	0	54	54	0	55	0	55	0	55	0	55	0	55	0	55
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		479	*North-South:*		479	*North-South:*			485	*North-South:*			485	*North-South:*			485
		East-West:		315	*East-West:*		381	*East-West:*			356	*East-West:*			422	*East-West:*			422
		SUM:		794	*SUM:*		860	*SUM:*			841	*SUM:*			907	*SUM:*			907
	VOLUME/CAPACITY *(V/C)* RATIO:			0.529			0.573				0.561				0.605				0.605
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.429			0.473				0.461				0.505				0.505
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.044 — *Δv/c* after mitigation: 0.044

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	1	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	14	0	**14**	132	146	146	82	96	0	**96**	132	228	0	**228**	0	228	0	**228**
	↰	Left-Through		1							1				1				1	
	↑	Through	13	1	13	275	288	**217**	38	51	1	51	275	326	1	277	0	326	1	277
	↑	Through-Right		0							0				0				0	
	↱	Right	44	1	5	89	133	94	22	67	1	8	89	156	1	97	0	156	1	97
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	18	0	18	1	19	**19**	0	18	0	18	1	19	0	19	0	19	0	19
	↰	Left-Through		0							0				0				0	
	↑	Through	2	0	**36**	0	2	37	0	2	0	**69**	0	2	0	**70**	0	2	0	**70**
	↑	Through-Right		0							0				0				0	
	↱	Right	16	0	0	0	16	0	33	49	0	0	0	49	0	0	0	49	0	0
	↰↑	Left-Through-Right		1							1				1				1	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	123	1	**123**	65	188	**188**	49	173	1	**173**	65	238	1	**238**	0	238	1	**238**
	↰	Left-Through		0							0				0				0	
	→	Through	464	3	155	127	591	197	192	662	3	221	127	789	3	263	0	789	3	263
	↑	Through-Right		0							0				0				0	
	↱	Right	18	1	11	0	18	18	16	34	1	0	0	34	1	34	0	34	1	34
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	39	1	39	0	39	39	20	59	1	59	0	59	1	59	0	59	1	59
	↰	Left-Through		0							0				0				0	
	↑	Through	587	2	**231**	404	991	**365**	147	741	2	**300**	405	1146	2	**435**	326	1472	2	**544**
	↑	Through-Right		1							1				1				1	
	↱	Right	105	0	105	0	105	105	54	160	0	160	0	160	0	160	0	160	0	160
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		50	*North-South:*		236		*North-South:*		165		*North-South:*		298		*North-South:*		298
			East-West:		354	*East-West:*		553		*East-West:*		473		*East-West:*		673		*East-West:*		782
			SUM:		404	*SUM:*		789		*SUM:*		638		*SUM:*		971		*SUM:*		1080
	VOLUME/CAPACITY (*V/C*) RATIO:				0.284			0.554				0.448				0.681				0.758
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.184**			**0.454**				**0.348**				**0.581**				**0.658**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**B**

PROJECT IMPACT

Change in *v/c* due to project: **0.233** | Δ*v/c* after mitigation: **0.310**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	2	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
	↰	Left-Through		1							1				1				1	
	↑	Through	6	0	**16**	0	6	**16**	0	6	0	**16**	0	6	0	**16**	0	6	0	**16**
	↑	Through-Right		0							0				0				0	
	↱	Right	17	1	0	0	17	0	0	17	1	0	0	17	1	0	0	17	1	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	15	1	15	43	58	58	44	59	1	**59**	43	102	1	**102**	0	102	1	**102**
	↰	Left-Through		0							0				0				0	
	↑	Through	7	0	**35**	0	7	**81**	0	7	0	35	0	7	0	81	0	7	0	81
	↑	Through-Right		0							1				1				1	
	↱	Right	28	0	0	46	74	0	0	28	0	0	46	74	0	0	0	74	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	15	1	**15**	0	15	**15**	0	15	1	**15**	0	15	1	15	0	15	1	15
	↰	Left-Through		0							0				0				0	
	→	Through	518	2	175	220	738	248	214	738	2	248	221	959	2	**322**	0	959	2	**322**
	↑	Through-Right		1							1				1				1	
	↱	Right	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	35	1	35	0	35	35	0	35	1	35	348	383	1	**383**	0	383	1	**383**
	↰	Left-Through		0							0				0				0	
	↑	Through	694	2	**239**	348	1042	**355**	222	924	2	**326**	359	1283	2	446	326	1609	2	554
	↑	Through-Right		1							1				1				1	
	↱	Right	24	0	24	0	24	24	30	54	0	54	0	54	0	54	0	54	0	54
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		51	*North-South:*		97		*North-South:*		75		*North-South:*		118		*North-South:*		118
			East-West:		254	*East-West:*		370		*East-West:*		341		*East-West:*		705		*East-West:*		705
			SUM:		305	*SUM:*		467		*SUM:*		416		*SUM:*		823		*SUM:*		823
	VOLUME/CAPACITY (*V/C*) RATIO:				0.222			0.340				0.303				0.599				0.599
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.122**			**0.240**				**0.203**				**0.499**				**0.499**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.296** | Δ*v/c* after mitigation: **0.296**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	3	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	153	1	**153**	32	185	**185**	108	263	1	**263**	32	295	1	**295**	-295	0	1	**0**
	↰	Left-Through		0							0				0				0	
	↑	Through	487	4	122	95	582	146	488	981	4	245	95	1076	4	269	-786	290	4	73
	↑	Through-Right		0							0				0				0	
	↱	Right	72	1	35	0	72	59	50	123	1	72	0	123	1	96	-123	0	1	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	↑	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	122	1	**122**	47	169	**169**	19	142	1	**142**	47	189	1	**189**	0	189	1	**189**
	↰	Left-Through		0							0				0				0	
	→	Through	351	3	117	58	409	136	193	548	3	183	58	606	3	202	293	899	3	300
	↑	Through-Right		0							0				0				0	
	↱	Right	90	1	0	158	248	63	45	136	1	0	158	294	1	0	-294	0	1	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	74	1	74	-47	27	27	27	102	1	102	-47	55	1	55	-55	0	1	0
	↰	Left-Through		0							0				0				0	
	↑	Through	577	3	**192**	593	1170	**390**	144	728	3	**243**	674	1402	3	**467**	624	2026	3	**675**
	↑	Through-Right		0							0				0				0	
	↱	Right	139	1	139	63	202	202	89	230	1	230	63	293	1	293	0	293	1	293
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		153	*North-South:*		185		*North-South:*		263		*North-South:*		295		*North-South:*		73
			East-West:		314	*East-West:*		559		*East-West:*		385		*East-West:*		656		*East-West:*		864
			SUM:		467	*SUM:*		744		*SUM:*		648		*SUM:*		951		*SUM:*		937
	VOLUME/CAPACITY (*V/C*) RATIO:				0.328			0.522				0.455				0.667				0.658
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.228**			**0.422**				**0.355**				**0.567**				**0.558**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.212** | Δ*v/c* after mitigation: **0.203**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	4	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↑	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	66	0	66	0	66	66	11	78	0	78	0	78	0	78	0	78	0	78
	↰	Left-Through		1							1				1				1	
	↑	Through	280	3	87	-11	269	84	466	749	3	207	-11	738	3	204	-610	128	3	43
	↑	Through-Right		0							0				0				0	
	↱	Right	234	1	**234**	337	571	**571**	23	260	1	**260**	360	620	1	**620**	206	826	1	**826**
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	↰	Left-Through		0							0				0				0	
	→	Through	351	2	176	30	381	191	222	577	2	289	30	607	2	304	201	808	2	404
	↑	Through-Right		0							0				0				0	
	↱	Right	83	1	83	28	111	111	21	105	1	105	28	133	1	133	-31	102	1	102
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	25	1	25	0	25	25	15	40	1	40	0	40	1	40	-40	0	1	0
	↰	Left-Through		0							0				0				0	
	↑	Through	557	2	**279**	271	828	**414**	236	800	2	**400**	329	1129	2	**565**	363	1492	2	**746**
	↑	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		234	*North-South:*		571		*North-South:*		260		*North-South:*		620		*North-South:*		826
			East-West:		279	*East-West:*		414		*East-West:*		400		*East-West:*		565		*East-West:*		746
			SUM:		513	*SUM:*		985		*SUM:*		660		*SUM:*		1185		*SUM:*		1572
	VOLUME/CAPACITY (*V/C*) RATIO:				0.342			0.657				0.440				0.790				1.048
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.242**			**0.557**				**0.340**				**0.690**				**0.948**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**B**				**E**

PROJECT IMPACT

Change in *v/c* due to project: **0.350** | Δ*v/c* after mitigation: **0.608**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	5	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	1	23	0	23	23	119	142	1	142	0	142	1	142	0	142	1	142
	Left-Through		0							0				0				0	
	Through	248	4	62	32	280	70	329	580	4	145	32	612	4	153	404	1016	4	254
	Through-Right		0							0				0				0	
	Right	97	1	97	34	131	131	88	186	1	186	34	220	1	220	0	220	1	220
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	257	1	159	34	291	176	191	451	1	274	34	485	1	291	-123	362	1	362
	Through-Right		1							1				1				1	
	Right	61	0	61	0	61	61	35	97	0	97	0	97	0	97	620	717	0	717
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	34	1	34	26	60	60	6	40	1	40	26	66	1	66	0	66	1	66
	Left-Through		0							0				0				0	
	Through	475	2	238	123	598	299	156	637	2	319	134	771	2	386	363	1134	2	567
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		97	North-South:		131	North-South:			186	North-South:			220	North-South:			254
		East-West:		238	East-West:		299	East-West:			319	East-West:			386	East-West:			783
		SUM:		335	SUM:		430	SUM:			505	SUM:			606	SUM:			1037
VOLUME/CAPACITY (V/C) RATIO:				0.223			0.287				0.337				0.404				0.691
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.123			0.187				0.237				0.304				0.591
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.067 Δv/c after mitigation: 0.354

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	6	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	38	0	38	149	187	187	28	66	0	66	160	226	0	226	363	589	0	589
	Left-Through		1							1				1				1	
	Through	170	2	53	131	301	138	271	443	2	132	194	637	2	235	701	1338	2	531
	Through-Right		1							1				1				1	
	Right	5	0	53	58	63	138	12	17	0	132	58	75	0	235	123	198	0	531
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	55	1	55	0	55	55	98	154	1	154	0	154	1	154	0	154	1	154
	Left-Through		0							0				0				0	
	Through	217	2	109	34	251	126	211	431	2	216	34	465	2	233	-123	342	2	171
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	470	1	246	0	470	246	134	610	1	339	0	610	1	339	0	610	1	339
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	46	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		53	North-South:		187	North-South:			132	North-South:			235	North-South:			589
		East-West:		301	East-West:		301	East-West:			493	East-West:			493	East-West:			493
		SUM:		354	SUM:		488	SUM:			625	SUM:			728	SUM:			1082
VOLUME/CAPACITY (V/C) RATIO:				0.236			0.325				0.417				0.485				0.721
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.136			0.225				0.317				0.385				0.621
LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.068 Δv/c after mitigation: 0.304

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	7	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	6	1	6	0	6	6	27	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	72	1	42	38	110	70	89	162	1	123	38	200	1	151	0	200	1	151
	Through-Right		1							1				1				1	
	Right	11	0	11	18	29	29	72	83	0	83	18	101	0	101	0	101	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	1	12	0	12	12	4	16	1	16	0	16	1	16	0	16	1	16
	Left-Through		0							0				0				0	
	Through	155	2	78	0	155	78	201	358	2	179	0	358	2	179	0	358	2	179
	Through-Right		0							0				0				0	
	Right	46	1	35	0	46	32	27	74	1	51	0	74	1	48	0	74	1	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	23	1	23	6	29	29	23	46	1	46	6	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	185	1	100	48	233	143	154	341	1	201	48	389	1	245	0	389	1	245
	Through-Right		1							1				1				1	
	Right	14	0	14	39	53	53	47	61	0	61	39	100	0	100	0	100	0	100
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	1	14	0	14	14	120	134	1	134	0	134	1	134	0	134	1	134
	Left-Through		0							0				0				0	
	Through	434	1	230	0	434	230	126	565	1	302	0	565	1	302	0	565	1	302
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	13	38	0	38	0	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		84	North-South:		84	North-South:			212	North-South:			212	North-South:			212
		East-West:		253	East-West:		259	East-West:			348	East-West:			379	East-West:			379
		SUM:		337	SUM:		343	SUM:			560	SUM:			591	SUM:			591
VOLUME/CAPACITY (V/C) RATIO:				0.225			0.229				0.373				0.394				0.394
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.125			0.129				0.273				0.294				0.294
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.021 Δv/c after mitigation: 0.021

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	8	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	16	1	16	0	16	16	48	64	1	64	0	64	1	64	0	64	1	64
	Left-Through		0							0				0				0	
	Through	210	1	111	0	210	111	57	270	1	141	0	270	1	141	0	270	0	282
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	19	1	19	0	19	19	11	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	191	1	125	0	191	125	93	286	0	371	0	286	0	371	0	286	0	371
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	25	85	0	0	0	85	0	0	0	85	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	29	1	29	0	29	29	58	87	1	87	0	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	174	1	92	53	227	124	145	321	1	178	53	374	1	211	0	374	1	211
	Through-Right		1							1				1				1	
	Right	9	0	9	12	21	21	26	35	0	35	12	47	0	47	0	47	0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	28	1	28	0	28	28	0	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	395	1	225	0	395	225	187	587	1	322	0	587	1	322	0	587	1	322
	Through-Right		1							1				1				1	
	Right	54	0	54	0	54	54	2	57	0	57	0	57	0	57	0	57	0	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		141	North-South:		141	North-South:			435	North-South:			435	North-South:			435
		East-West:		254	East-West:		254	East-West:			409	East-West:			409	East-West:			409
		SUM:		395	SUM:		395	SUM:			844	SUM:			844	SUM:			844
VOLUME/CAPACITY (V/C) RATIO:				0.263			0.263				0.563				0.563				0.563
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.163			0.163				0.463				0.463				0.463
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	9	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	28	1	28	0	28	28	3	31	1	31	0	31	1	31	0	31	1	31
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	192	2	96	48	240	120	167	361	2	181	49	410	2	205	0	410	2	205
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	25	1	16	0	25	16	2	27	1	16	0	27	1	16	0	27	1	16
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	16	1	16	0	16	16	9	25	1	25	0	25	1	25	0	25	1	25
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	192	2	96	10	202	101	169	363	1	363	10	373	1	373	0	373	1	373
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	90	1	73	0	90	70	63	154	1	120	0	154	1	117	0	154	1	117
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	35	1	35	6	41	41	33	68	1	68	7	75	1	75	0	75	1	75
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	156	1	87	46	202	111	123	281	1	150	46	327	1	174	0	327	1	174
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	18	0	18	2	20	20	0	18	0	18	2	20	0	20	0	20	0	20
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	19	1	19	0	19	19	4	23	1	23	0	23	1	23	0	23	1	23
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	361	1	194	0	361	194	124	489	1	267	0	489	1	267	0	489	1	267
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	26	0	26	0	26	26	18	44	0	44	0	44	0	44	0	44	0	44
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		124	North-South:		136	North-South:			394	North-South:			404	North-South:			404
	East-West:		229	East-West:		235	East-West:			335	East-West:			342	East-West:			342
	SUM:		353	SUM:		371	SUM:			729	SUM:			746	SUM:			746
VOLUME/CAPACITY (V/C) RATIO:			0.248			0.260				0.512				0.524				0.524
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.148			0.160				0.412				0.424				0.424
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.012 | Δv/c after mitigation: 0.012 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	10	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	25	1	25	0	25	25	3	28	1	28	0	28	1	28	0	28	1	28
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	128	1	87	1	129	87	24	154	1	100	1	155	1	101	0	155	1	101
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	36	1	36	0	36	36	0	36	1	36	0	36	1	36	0	36	1	36
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	127	1	93	0	127	93	17	146	1	103	0	146	1	103	0	146	1	103
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	28	1	28	0	28	28	0	28	1	28	0	28	1	28	0	28	1	28
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	203	1	117	46	249	140	127	332	1	184	46	378	1	207	0	378	1	207
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	30	0	30	0	30	30	6	36	0	36	0	36	0	36	0	36	0	36
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	29	1	29	0	29	29	0	29	1	29	0	29	1	29	0	29	1	29
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	252	1	145	0	252	145	118	373	1	205	0	373	1	205	0	373	1	205
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		123	North-South:		123	North-South:			136	North-South:			137	North-South:			137
	East-West:		173	East-West:		173	East-West:			233	East-West:			236	East-West:			236
	SUM:		296	SUM:		296	SUM:			369	SUM:			373	SUM:			373
VOLUME/CAPACITY (V/C) RATIO:			0.197			0.197				0.246				0.249				0.249
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.099			0.099				0.146				0.149				0.149
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.003 | Δv/c after mitigation: 0.003 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	11	North-South Street:	Santee	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	39	0	39	0	39	39	0	39	0	39	0	39	0	39	0	39	0	39
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	51	0	161	0	51	161	0	52	0	163	0	52	0	163	0	52	0	163
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	71	0	0	0	71	0	0	72	0	0	0	72	0	0	0	72	0	0
NORTHBOUND Left-Through-Right		1							1				1				1	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	13	0	13	0	13	13	1	14	0	14	0	14	0	14	0	14	0	14
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	41	0	145	0	41	145	0	41	0	147	0	41	0	147	0	41	0	147
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	91	0	0	0	91	0	0	92	0	0	0	92	0	0	0	92	0	0
SOUTHBOUND Left-Through-Right		1							1				1				1	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	23	1	23	0	23	23	0	23	1	23	0	23	1	23	0	23	1	23
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	215	1	134	46	261	157	127	345	1	199	46	391	1	222	0	391	1	222
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	11	1	11	0	11	11	0	11	1	11	0	11	1	11	0	11	1	11
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	182	1	102	0	182	102	118	302	1	163	0	302	1	163	0	302	1	163
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	22	0	22	0	22	22	2	24	0	24	0	24	0	24	0	24	0	24
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		184	North-South:		184	North-South:			186	North-South:			186	North-South:			186
	East-West:		145	East-West:		168	East-West:			210	East-West:			233	East-West:			233
	SUM:		329	SUM:		352	SUM:			396	SUM:			419	SUM:			419
VOLUME/CAPACITY (V/C) RATIO:			0.219			0.235				0.264				0.279				0.279
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.119			0.135				0.164				0.179				0.179
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.015 | Δv/c after mitigation: 0.015 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	12	North-South Street:	Maple	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	50	1	50	0	50	50	3	54	1	54	0	54	1	54	0	54	1	54
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	103	0	148	0	103	148	2	106	0	152	0	106	0	152	0	106	0	152
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	45	0	0	0	45	0	0	46	0	0	0	46	0	0	0	46	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	132	0	195	0	132	195	0	134	0	198	0	134	0	198	0	134	0	198
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	63	0	0	0	63	0	0	64	0	0	0	64	0	0	0	64	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	29	1	29	2	31	31	0	29	1	29	2	31	1	31	0	31	1	31
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	149	0	149	44	193	193	126	277	1	277	44	321	1	321	0	321	1	321
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	119	1	94	0	119	94	2	122	1	95	0	122	1	95	0	122	1	95
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	14	1	14	0	14	14	0	14	1	14	0	14	1	14	0	14	1	14
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	97	0	111	0	97	111	116	214	0	228	0	214	0	228	0	214	0	228
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	14	0	0	0	14	0	0	14	0	0	0	14	0	0	0	14	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		245	North-South:		245	North-South:			252	North-South:			252	North-South:			252
	East-West:		163	East-West:		207	East-West:			291	East-West:			335	East-West:			335
	SUM:		408	SUM:		452	SUM:			543	SUM:			587	SUM:			587
VOLUME/CAPACITY (V/C) RATIO:			0.272			0.301				0.362				0.391				0.391
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.172			0.201				0.262				0.291				0.291
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.029 | Δv/c after mitigation: 0.029 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	13	North-South Street:	Maple	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through		0							0				0				0	
	Through	119	0	182	0	119	184	2	122	0	186	0	122	0	188	0	122	0	188
	Through-Right		0							0				0				0	
	Right	44	0	0	2	46	0	0	45	0	0	2	47	0	0	0	47	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through		0							0				0				0	
	Through	84	0	120	0	84	120	0	85	0	121	0	85	0	121	0	85	0	121
	Through-Right		0							0				0				0	
	Right	24	0	0	0	24	0	0	24	0	0	0	24	0	0	0	24	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	13	0	13	0	13	13	0	13	0	13	0	13	0	13	0	13	0	13
	Left-Through		1							1				1				1	
	Through	207	0	136	71	278	172	150	359	0	213	72	431	0	249	0	431	0	249
	Through-Right		1							1				1				1	
	Right	52	0	136	0	52	172	0	53	0	213	0	53	0	249	0	53	0	249
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
	Left-Through		1							1				1				1	
	Through	140	0	114	0	140	139	0	142	0	141	0	142	0	141	0	142	0	141
	Through-Right		1							1				1				1	
	Right	36	0	114	0	36	139	0	36	0	141	0	36	0	141	0	36	0	141
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		194	North-South:		196	North-South:			198	North-South:			200	North-South:			200
		East-West:		187	East-West:		223	East-West:			265	East-West:			301	East-West:			301
		SUM:		381	SUM:		419	SUM:			463	SUM:			501	SUM:			501
	VOLUME/CAPACITY (V/C) RATIO:			0.254			0.279				0.309				0.334				0.334
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.154			0.179				0.209				0.234				0.234
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.025 — Δv/c after mitigation: 0.025

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	14	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	231	1	143	0	231	162	3	237	1	147	0	237	1	165	0	237	1	165
	Through-Right		1							1				1				1	
	Right	55	0	55	37	92	92	0	56	0	56	37	93	0	93	0	93	0	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	19	1	19	0	19	19	0	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	212	1	119	0	212	119	0	215	1	121	0	215	1	121	0	215	1	121
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	43	0	43	0	43	43	1	45	0	45	0	45	0	45	0	45	0	45
	Left-Through		1							1				1				1	
	Through	218	0	153	72	290	189	147	368	0	230	72	440	0	266	0	440	0	266
	Through-Right		1							1				1				1	
	Right	44	0	153	0	44	189	2	47	0	230	0	47	0	266	0	47	0	266
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	43	0	43	5	48	48	0	44	0	44	5	49	0	49	0	49	0	49
	Left-Through		1							1				1				1	
	Through	162	1	125	0	162	152	0	164	0	150	0	164	0	155	0	164	0	155
	Through-Right		1							1				1				1	
	Right	45	0	125	0	45	152	2	48	0	150	0	48	0	155	0	48	0	155
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		162	North-South:		181	North-South:			166	North-South:			184	North-South:			184
		East-West:		196	East-West:		237	East-West:			274	East-West:			315	East-West:			315
		SUM:		358	SUM:		418	SUM:			440	SUM:			499	SUM:			499
	VOLUME/CAPACITY (V/C) RATIO:			0.239			0.279				0.293				0.333				0.333
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.139			0.179				0.193				0.233				0.233
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.040 — Δv/c after mitigation: 0.040

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	15	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Chick Hearn Ct	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	115	1	115	712	827	827	0	116	1	116	713	829	1	829	0	829	1	829
	Left-Through		0							0				0				0	
	Through	224	2	86	700	924	308	17	244	2	98	703	947	2	316	0	947	2	316
	Through-Right		1							1				1				1	
	Right	34	0	34	-34	0	0	17	51	0	51	-51	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	40	0	40	28	68	68	0	40	0	40	28	68	0	68	0	68	0	68
	Left-Through		1							1				1				1	
	Through	30	0	41	-30	0	0	53	83	1	70	-83	0	0	0	0	0	1	0
	Through-Right		1							1				1				1	
	Right	11	0	41	-11	0	0	5	16	0	70	-16	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	7	1	7	-7	0	0	0	7	1	7	-7	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	67	2	34	290	357	179	86	154	2	77	227	381	2	191	0	381	2	191
	Through-Right		0							0				0				0	
	Right	33	1	33	0	33	33	13	46	1	46	0	46	1	46	0	46	1	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		115	North-South:		827	North-South:			116	North-South:			829	North-South:			829
		East-West:		74	East-West:		247	East-West:			117	East-West:			259	East-West:			259
		SUM:		189	SUM:		1074	SUM:			233	SUM:			1088	SUM:			1088
	VOLUME/CAPACITY (V/C) RATIO:			0.126			0.716				0.155				0.725				0.725
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.063			0.616				0.078				0.625				0.625
	LEVEL OF SERVICE (LOS):			A			B				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.547 — Δv/c after mitigation: 0.547

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	16	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	33	1	33	-33	0	0	47	80	1	80	-80	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	611	3	156	127	738	187	602	1220	3	308	128	1348	3	340	-1082	266	3	67
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	-11	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	5	1	5	0	5	5	0	5	1	5	0	5	1	5	-5	0	1	0
	Left-Through		0							0				0				0	
	Through	109	1	76	156	265	133	72	182	1	113	156	338	1	169	-338	0	1	0
	Through-Right		1							1				1				1	
	Right	43	0	43	-43	0	0	0	44	0	44	-44	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	35	2	19	-35	0	0	0	35	2	19	-35	0	2	0	0	0	2	0
	Left-Through		0							0				0				0	
	Through	28	1	28	-28	0	0	0	28	1	28	-28	0	1	0	0	0	1	0
	Through-Right		0							0				0				0	
	Right	44	1	11	-44	0	0	70	115	1	35	-115	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	50	1	50	4	54	54	0	51	1	51	4	55	1	55	-55	0	1	0
	Left-Through		0							0				0				0	
	Through	80	2	40	-80	0	0	63	144	2	72	-144	0	2	0	0	0	2	0
	Through-Right		0							0				0				0	
	Right	80	1	75	0	80	75	44	125	1	120	0	125	1	120	-125	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		161	North-South:		192	North-South:			313	North-South:			345	North-South:			67
		East-West:		94	East-West:		75	East-West:			139	East-West:			120	East-West:			0
		SUM:		255	SUM:		267	SUM:			452	SUM:			465	SUM:			67
	VOLUME/CAPACITY (V/C) RATIO:			0.185			0.194				0.329				0.338				0.049
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.093			0.097				0.229				0.238				0.024
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.009 — Δv/c after mitigation: -0.205

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	17	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	265	3	88	328	593	**198**	492	760	3	**253**	328	1088	3	**363**	-835	253	3	**84**
	Through-Right		0							0				0				0	
	Right	89	1	**89**	-11	78	78	10	100	1	100	-11	89	1	89	-89	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	44	1	**44**	-28	16	**16**	0	45	1	**45**	-28	17	1	**17**	-17	0	1	**0**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	27	1	**27**	0	27	**27**	171	198	1	**198**	0	198	1	**198**	-198	0	1	**0**
	Left-Through		0							0				0				0	
	Through	126	2	63	-85	41	21	98	226	2	113	-149	77	2	39	-77	0	2	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	89		*North-South:*	198		*North-South:*	253			*North-South:*	363			*North-South:*	84	
			East-West:	71		*East-West:*	43		*East-West:*	243			*East-West:*	215			*East-West:*	0	
			SUM:	160		*SUM:*	241		*SUM:*	496			*SUM:*	578			*SUM:*	84	
	VOLUME/CAPACITY (*V/C*) RATIO:			0.112			0.169			0.348				0.406				0.059	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.056			0.085			0.248				0.306				0.029	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in *v/c* due to project: 0.058 — Δ*v/c* after mitigation: -0.219

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	18	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	280	3	**83**	162	442	**123**	349	632	3	**176**	162	794	3	**217**	1024	1818	3	**473**
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	21	73	0	73	0	73	0	73	0	73	0	73
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	1	24	115	139	**139**	126	150	1	150	115	265	1	**265**	249	514	1	**514**
	Left-Through		0							0				0				0	
	Through	125	2	**63**	-85	40	20	292	419	2	**210**	-149	270	2	135	-249	21	2	11
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	83		*North-South:*	123		*North-South:*	176			*North-South:*	217			*North-South:*	473	
			East-West:	63		*East-West:*	139		*East-West:*	210			*East-West:*	265			*East-West:*	514	
			SUM:	146		*SUM:*	262		*SUM:*	386			*SUM:*	482			*SUM:*	987	
	VOLUME/CAPACITY (*V/C*) RATIO:			0.097			0.175			0.257				0.321				0.658	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.049			0.087			0.157				0.221				0.558	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in *v/c* due to project: 0.064 — Δ*v/c* after mitigation: 0.401

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	19	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	40	0	40	113	153	**153**	215	255	0	**255**	113	368	0	**368**	0	368	0	**368**
	Left-Through		1							1				1				1	
	Through	206	3	**62**	179	385	128	312	520	3	173	191	711	3	237	1187	1898	3	567
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	105	2	**53**	-83	22	11	161	267	2	**134**	-147	120	2	60	0	120	2	60
	Through-Right		0							0				0				0	
	Right	17	1	17	93	110	**110**	0	17	1	17	156	173	1	**173**	0	173	1	**173**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	62		*North-South:*	153		*North-South:*	255			*North-South:*	368			*North-South:*	567	
			East-West:	53		*East-West:*	110		*East-West:*	134			*East-West:*	173			*East-West:*	173	
			SUM:	115		*SUM:*	263		*SUM:*	389			*SUM:*	541			*SUM:*	740	
	VOLUME/CAPACITY (*V/C*) RATIO:			0.077			0.175			0.259				0.361				0.493	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.038			0.088			0.159				0.261				0.393	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in *v/c* due to project: 0.102 — Δ*v/c* after mitigation: 0.234

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	20	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	-3	0	1	0
	Left-Through		0							0				0				0	
	Through	653	3	**167**	37	690	**177**	461	1122	3	**290**	-9	1113	3	**288**	-1082	31	3	**8**
	Through-Right		1							1				1				1	
	Right	16	0	16	0	16	16	22	38	0	38	0	38	0	38	-38	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	**3**	0	3	**3**	9	12	1	**12**	0	12	1	**12**	-12	0	1	**0**
	Left-Through		0							0				0				0	
	Through	189	2	95	57	246	123	87	278	2	139	45	323	2	162	-323	0	2	0
	Through-Right		0							0				0				0	
	Right	2	1	2	0	2	2	0	2	1	2	0	2	1	2	-2	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Through-Right		0							0				0				0	
	Right	2	1	**1**	0	2	**1**	0	2	1	**1**	0	2	1	**1**	-2	0	1	**0**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	15	1	**15**	0	15	**15**	0	15	1	**15**	0	15	1	**15**	-15	0	1	**0**
	Left-Through		0							0				0				0	
	Through	0	0	13	0	0	13	0	0	0	13	0	0	0	13	0	0	0	13
	Through-Right		1							1				1				1	
	Right	13	0	0	0	13	0	0	13	0	0	0	13	0	0	0	13	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	170		*North-South:*	180		*North-South:*	302			*North-South:*	300			*North-South:*	8	
			East-West:	16		*East-West:*	16		*East-West:*	16			*East-West:*	16			*East-West:*	13	
			SUM:	186		*SUM:*	196		*SUM:*	318			*SUM:*	316			*SUM:*	21	
	VOLUME/CAPACITY (*V/C*) RATIO:			0.131			0.138			0.223				0.222				0.015	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.065			0.069			0.123				0.122				0.007	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in *v/c* due to project: -0.001 — Δ*v/c* after mitigation: -0.116

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	21	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	43	1	43	46	89	89	120	164	1	164	46	210	1	210	-210	0	1	0
	↰	Left-Through		0							0				0				0	
	↑	Through	250	2	92	254	504	176	472	725	2	250	254	979	2	335	-864	115	2	38
	↱	Through-Right		1							1				1				1	
	↱	Right	25	0	25	0	25	25	0	25	0	25	0	25	0	25	-25	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	→	Through	14	1	11	0	14	11	30	44	1	26	0	44	1	26	-44	0	1	0
	↱	Through-Right		1							1				1				1	
	↱	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	-8	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		92	North-South:		176	North-South:			250	North-South:			335	North-South:			38
			East-West:		11	East-West:		11	East-West:			26	East-West:			45	East-West:			0
			SUM:		103	SUM:		187	SUM:			276	SUM:			361	SUM:			38
	VOLUME/CAPACITY (V/C) RATIO:				0.069			0.125				0.184				0.241				0.025
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.034			0.062				0.092				0.141				0.013
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.049 — Δv/c after mitigation: -0.079

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	22	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	39	0	39	26	65	65	25	64	0	64	26	90	0	90	164	254	0	254
	↰	Left-Through		1							1				1				1	
	↑	Through	275	3	79	696	971	259	447	725	3	197	696	1421	3	378	1109	2530	3	696
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	→	Through	29	1	29	6	35	35	168	197	1	139	6	203	1	203	-164	39	1	39
	↱	Through-Right		1							1				1				1	
	↱	Right	45	0	45	132	177	177	35	81	0	81	132	213	0	213	0	213	0	213
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		79	North-South:		259	North-South:			197	North-South:			378	North-South:			696
			East-West:		45	East-West:		177	East-West:			139	East-West:			213	East-West:			213
			SUM:		124	SUM:		436	SUM:			336	SUM:			591	SUM:			909
	VOLUME/CAPACITY (V/C) RATIO:				0.083			0.291				0.224				0.394				0.606
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.041			0.191				0.124				0.294				0.506
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.170 — Δv/c after mitigation: 0.382

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	23	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	226	3	75	157	383	128	455	684	3	228	168	852	3	284	1187	2039	3	680
	↱	Through-Right		0							0				0				0	
	↱	Right	8	1	8	3	11	11	0	8	1	8	3	11	1	11	0	11	1	11
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	21	0	21	0	21	21	93	114	0	114	0	114	0	114	0	114	0	114
	↰	Left-Through		1							1				1				1	
	→	Through	41	1	31	32	73	47	100	141	1	128	32	173	1	144	0	173	1	144
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		75	North-South:		128	North-South:			228	North-South:			284	North-South:			680
			East-West:		31	East-West:		47	East-West:			128	East-West:			144	East-West:			144
			SUM:		106	SUM:		175	SUM:			356	SUM:			428	SUM:			824
	VOLUME/CAPACITY (V/C) RATIO:				0.071			0.117				0.237				0.285				0.549
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.035			0.058				0.137				0.185				0.449
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.048 — Δv/c after mitigation: 0.312

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	24	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	634	2	349	150	784	431	0	642	2	353	150	792	2	436	0	792	2	436
	↰	Left-Through		0							0				0				0	
	↑	Through	255	2	128	-102	153	77	34	292	2	146	-139	153	2	77	0	153	2	77
	↱	Through-Right		0							0				0				0	
	↱	Right	74	1	74	60	134	134	39	114	1	114	60	174	1	174	0	174	1	174
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	11	2	6	-11	0	0	5	16	2	9	-16	0	2	0	0	0	2	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	5	2	0	-5	0	0	0	5	2	0	-5	0	2	0	0	0	2	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	55	1	55	-55	0	0	0	56	1	56	-56	0	1	0	0	0	1	0
	↰	Left-Through		0							0				0				0	
	→	Through	274	3	91	426	700	233	101	378	3	126	426	804	3	268	0	804	3	268
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	245	2	123	0	245	123	80	328	2	164	0	328	2	164	-328	0	2	0
	↱	Through-Right		0							0				0				0	
	↱	Right	62	1	59	-62	0	0	0	63	1	59	-63	0	1	0	0	0	1	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		355	North-South:		431	North-South:			362	North-South:			436	North-South:			436
			East-West:		178	East-West:		233	East-West:			220	East-West:			268	East-West:			268
			SUM:		533	SUM:		664	SUM:			582	SUM:			704	SUM:			704
	VOLUME/CAPACITY (V/C) RATIO:				0.374			0.466				0.408				0.494				0.494
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.274			0.366				0.308				0.394				0.394
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.086 — Δv/c after mitigation: 0.086

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	25	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	Bond	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3				3				3				3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			2			2			2				2				2				2		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	947	3	316	-49	898	299	73	1031	3	344	-81	950	3	317	0	950	3	317
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	2	0	2	255	257	257	0	2	0	2	255	257	0	257	0	257	0	257
	Left-Through		1							1				1				1	
	Through	1	0	3	0	1	258	0	1	0	3	0	1	0	258	0	1	0	258
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	16	0	0	59	0	0	0	16	0	0	0	24	0	0	0	24
	Through-Right		1							1				1				1	
	Right	31	1	0	87	118	0	0	31	1	0	16	47	1	0	0	47	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		316	North-South:		299			North-South:	344			North-South:	317			North-South:	317
		East-West:		19	East-West:		317			East-West:	19			East-West:	282			East-West:	282
		SUM:		335	SUM:		616			SUM:	363			SUM:	599			SUM:	599
VOLUME/CAPACITY (V/C) RATIO:				0.235			0.432				0.255				0.420				0.420
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.135			0.332				0.155				0.320				0.320
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.165 Δv/c after mitigation: 0.165

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	26	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4				4				4				4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3
	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	71	1	71	1	72	72	3	75	1	75	1	76	1	76	-76	0	1	0
	Left-Through		0							0				0				0	
	Through	578	3	154	-15	563	172	412	997	3	261	-62	935	3	279	-845	90	3	30
	Through-Right		1							1				1				1	
	Right	36	0	36	88	124	124	11	47	0	47	135	182	0	182	173	355	0	355
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	1	12	0	12	12	4	16	1	16	0	16	1	16	-16	0	1	0
	Left-Through		0							0				0				0	
	Through	179	2	90	57	236	118	32	213	2	107	45	258	2	129	-258	0	2	0
	Through-Right		0							0				0				0	
	Right	24	1	0	0	24	0	22	46	1	0	0	46	1	0	-46	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	61	1	61	50	111	111	68	130	1	130	50	180	1	180	-180	0	1	0
	Left-Through		0							0				0				0	
	Through	222	2	111	483	705	353	76	301	2	151	486	787	2	394	189	976	2	488
	Through-Right		0							0				0				0	
	Right	84	1	13	166	250	178	15	100	1	25	167	267	1	191	0	267	1	267
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	76	1	76	11	87	87	37	114	1	114	11	125	1	125	-125	0	1	0
	Left-Through		0							0				0				0	
	Through	220	2	110	-77	143	72	55	278	2	139	-77	201	2	101	-201	0	2	0
	Through-Right		0							0				0				0	
	Right	41	1	35	2	43	37	4	45	1	37	3	48	1	40	-48	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		166	North-South:		190			North-South:	277			North-South:	295			North-South:	355
		East-West:		187	East-West:		440			East-West:	269			East-West:	519			East-West:	488
		SUM:		353	SUM:		630			SUM:	546			SUM:	814			SUM:	843
VOLUME/CAPACITY (V/C) RATIO:				0.257			0.458				0.397				0.592				0.613
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.157			0.358				0.297				0.492				0.513
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.195 Δv/c after mitigation: 0.216

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	27	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	2	0	0	0	2	0	9	11	0	0	0	11	0	0	-11	0	0	0
	Left-Through		0							0				0				0	
	Through	198	2	85	259	457	170	436	636	2	245	259	895	2	330	-788	107	2	36
	Through-Right		1							1				1				1	
	Right	58	0	58	-4	54	54	41	100	0	100	-4	96	0	96	-96	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	259	1	147	233	492	445	100	362	1	200	281	643	1	523	425	1068	1	735
	Through-Right		1							1				1				1	
	Right	34	0	34	363	397	397	3	37	0	37	365	402	0	402	0	402	0	402
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	12	0	12	0	12	12	-12	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		1							0				0				0	
	Through	282	1	147	-65	217	133	101	386	2	193	-64	322	2	161	-322	0	2	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		85	North-South:		170			North-South:	245			North-South:	330			North-South:	36
		East-West:		159	East-West:		457			East-West:	200			East-West:	523			East-West:	735
		SUM:		244	SUM:		627			SUM:	445			SUM:	853			SUM:	771
VOLUME/CAPACITY (V/C) RATIO:				0.163			0.418				0.297				0.569				0.514
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.081			0.318				0.197				0.469				0.414
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.272 Δv/c after mitigation: 0.217

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	28	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	0	3	6	9	9	10	13	0	13	6	19	0	19	0	19	0	19
	Left-Through		1							1				1				1	
	Through	281	2	80	1013	1294	335	425	709	2	202	1013	1722	2	456	1109	2831	2	734
	Through-Right		1							1				1				1	
	Right	37	0	80	0	37	335	47	84	0	202	0	84	0	456	0	84	0	734
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	158	1	101	169	327	240	93	253	1	154	169	422	1	293	425	847	1	505
	Through-Right		1							1				1				1	
	Right	44	0	44	109	153	153	9	54	0	54	109	163	0	163	0	163	0	163
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	20	0	20	52	72	72	10	30	0	30	52	82	0	82	179	261	0	261
	Left-Through		1							1				1				1	
	Through	217	1	119	17	234	189	58	278	1	169	-50	228	1	196	-293	-65	1	-65
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		80	North-South:		335			North-South:	202			North-South:	456			North-South:	734
		East-West:		121	East-West:		312			East-West:	184			East-West:	375			East-West:	766
		SUM:		201	SUM:		647			SUM:	386			SUM:	831			SUM:	1500
VOLUME/CAPACITY (V/C) RATIO:				0.134			0.431				0.257				0.554				1.000
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.067			0.331				0.157				0.454				0.900
LEVEL OF SERVICE (LOS):				A			A				A				A				D

PROJECT IMPACT

Change in v/c due to project: 0.297 Δv/c after mitigation: 0.743

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	29	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 1 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	26	0	26	10	36	36	6	32	0	32	10	42	0	42	0	42	0	42
	Left-Through		1							1				1				1	
	Through	207	3	58	66	273	77	417	626	3	165	78	704	3	187	649	1353	3	349
	Through-Right		0							0				0				0	
	Right	17	1	17	27	44	44	12	29	1	29	27	56	1	56	0	56	1	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	15	0	15	21	36	36	34	49	0	49	21	70	0	70	425	495	0	495
	Left-Through		1							1				1				1	
	Through	150	1	83	154	304	170	69	221	1	135	154	375	1	258	0	375	1	375
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	207	1	111	-9	198	140	62	271	1	145	-8	263	1	174	-113	150	1	150
	Through-Right		1							1				1				1	
	Right	14	0	14	67	81	81	4	18	0	18	67	85	0	85	113	198	0	198
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		58	North-South:		77	North-South:			165	North-South:			187	North-South:			349
		East-West:		126	East-West:		176	East-West:			194	East-West:			258	East-West:			693
		SUM:		184	SUM:		253	SUM:			359	SUM:			445	SUM:			1042
VOLUME/CAPACITY (V/C) RATIO:				0.123			0.169				0.239				0.297				0.695
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.061			0.084				0.139				0.197				0.595
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.058 | Δv/c after mitigation: 0.456 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	30	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0, EB-- 0 SB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	7	1	7	0	7	7	5	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	58	1	32	5	63	37	117	176	1	92	5	181	1	97	0	181	1	97
	Through-Right		1							1				1				1	
	Right	6	0	6	4	10	10	2	8	0	8	4	12	0	12	0	12	0	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	1	1	1	45	46	46	4	5	1	5	45	50	1	50	0	50	1	50
	Left-Through		0							0				0				0	
	Through	129	1	72	1180	1309	662	142	273	1	148	1180	1453	1	738	0	1453	1	738
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	9	23	0	23	0	23	0	23	0	23	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	9	0	9	33	42	42	8	17	0	17	33	50	0	50	0	50	0	50
	Left-Through		1							1				1				1	
	Through	143	0	84	126	269	232	58	203	0	126	126	329	0	273	0	329	0	273
	Through-Right		1							1				1				1	
	Right	16	0	84	136	152	232	15	31	0	126	136	167	0	273	0	167	0	273
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	11	0	11	0	11	11	3	14	0	14	0	14	0	14	0	14	0	14
	Left-Through		1							1				1				1	
	Through	200	0	110	-4	196	114	52	254	0	144	-3	251	0	150	0	251	0	150
	Through-Right		1							1				1				1	
	Right	9	0	110	0	9	114	11	20	0	144	0	20	0	150	0	20	0	150
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		79	North-South:		669	North-South:			160	North-South:			750	North-South:			750
		East-West:		119	East-West:		243	East-West:			161	East-West:			287	East-West:			287
		SUM:		198	SUM:		912	SUM:			321	SUM:			1037	SUM:			1037
VOLUME/CAPACITY (V/C) RATIO:				0.132			0.608				0.214				0.691				0.691
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.066			0.508				0.114				0.591				0.591
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.477 | Δv/c after mitigation: 0.477 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	31	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0, EB-- 0 SB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	18	1	18	1	19	19	0	18	1	18	1	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	144	1	78	0	144	78	91	237	1	124	0	237	1	124	0	237	1	124
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	211	1	120	50	261	142	95	309	1	174	50	359	1	196	0	359	1	196
	Through-Right		1							1				1				1	
	Right	28	0	28	-6	22	22	11	39	0	39	-6	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	28	1	28	0	28	28	8	36	1	36	0	36	1	36	0	36	1	36
	Left-Through		0							0				0				0	
	Through	102	1	102	129	231	231	56	159	1	159	130	289	1	289	0	289	1	289
	Through-Right		0							0				0				0	
	Right	22	1	13	46	68	59	0	22	1	13	46	68	1	59	0	68	1	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	141	0	159	2	143	161	55	198	0	216	2	200	0	218	0	200	0	218
	Through-Right		1							1				1				1	
	Right	18	0	0	0	18	0	0	18	0	0	0	18	0	0	0	18	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		138	North-South:		161	North-South:			192	North-South:			215	North-South:			215
		East-West:		187	East-West:		251	East-West:			252	East-West:			309	East-West:			309
		SUM:		325	SUM:		412	SUM:			444	SUM:			524	SUM:			524
VOLUME/CAPACITY (V/C) RATIO:				0.217			0.275				0.296				0.349				0.349
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.117			0.175				0.196				0.249				0.249
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.053 | Δv/c after mitigation: 0.053 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	32	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0, EB-- 0 SB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	155	1	81	8	163	85	110	267	2	134	8	275	2	138	0	275	2	138
	Through-Right		1							1				1				1	
	Right	7	0	7	0	7	7	0	7	1	7	0	7	1	7	0	7	1	7
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	7	1	7	0	7	7	0	7	1	7	0	7	1	7	0	7	1	7
	Left-Through		0							0				0				0	
	Through	225	1	125	11	236	130	118	346	0	382	11	357	0	393	0	357	0	393
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	12	36	0	0	0	36	0	0	0	36	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	23	1	23	39	62	62	19	42	1	42	39	81	1	81	0	81	1	81
	Left-Through		0							0				0				0	
	Through	67	0	96	89	156	185	36	104	0	133	89	193	0	222	0	193	0	222
	Through-Right		1							1				1				1	
	Right	29	0	0	0	29	0	0	29	0	0	0	29	0	0	0	29	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	16	0	16	0	16	16	0	16	0	16	0	16	0	16	0	16	0	16
	Left-Through		0							0				0				0	
	Through	168	0	201	2	170	203	42	212	0	246	2	214	0	248	0	214	0	248
	Through-Right		1							1				1				1	
	Right	17	0	0	0	17	0	1	18	0	0	0	18	0	0	0	18	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		147	North-South:		152	North-South:			404	North-South:			415	North-South:			415
		East-West:		224	East-West:		265	East-West:			288	East-West:			329	East-West:			329
		SUM:		371	SUM:		417	SUM:			692	SUM:			744	SUM:			744
VOLUME/CAPACITY (V/C) RATIO:				0.247			0.278				0.461				0.496				0.496
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.147			0.178				0.361				0.396				0.396
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.035 | Δv/c after mitigation: 0.035 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	33	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	94	0	94	0	94	94	17	112	0	112	0	112	0	112	0	112	0	112
	Left-Through		0							0				0				0	
	Through	2	0	96	0	2	96	0	2	0	114	0	2	0	114	0	2	0	114
	Through-Right		0							0				0				0	
	Right	63	1	0	87	150	0	60	124	1	10	87	211	1	0	0	211	1	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through		0							0				0				0	
	Through	41	0	53	0	41	53	0	41	0	53	0	41	0	53	0	41	0	53
	Through-Right		0							0				0				0	
	Right	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	6	1	6	0	6	6	0	6	1	6	0	6	1	6	0	6	1	6
	Left-Through		0							0				0				0	
	Through	507	2	202	77	584	228	176	689	2	264	77	766	2	290	0	766	2	290
	Through-Right		1							1				1				1	
	Right	99	0	99	0	99	99	3	103	0	103	0	103	0	103	0	103	0	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	161	1	161	232	393	393	66	229	1	229	232	461	1	461	0	461	1	461
	Left-Through		0							0				0				0	
	Through	538	2	188	305	843	289	199	743	2	256	306	1049	2	358	326	1375	2	467
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	0	25	0	25	0	25	0	25	0	25	0	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		149	North-South:		149	North-South:			167	North-South:			167	North-South:			167
		East-West:		363	East-West:		621	East-West:			493	East-West:			751	East-West:			751
		SUM:		512	SUM:		770	SUM:			660	SUM:			918	SUM:			918
	VOLUME/CAPACITY (V/C) RATIO:			0.372			0.560				0.480				0.668				0.668
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.272			0.460				0.380				0.568				0.568
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.188 | Δv/c after mitigation: 0.188
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	34	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	SR 110 SB Off-Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	303	2	152	232	535	268	69	376	2	188	232	608	2	304	0	608	2	304
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	109	1	109	0	109	109	53	163	1	163	1	164	1	164	0	164	1	164
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	167
	Through-Right		0							0				0				0	
	Right	167	2	92	87	254	140	77	246	2	135	87	333	2	183	0	333	1	0
	Left-Through-Right		0							0				0				1	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		152	North-South:		268	North-South:			188	North-South:			304	North-South:			304
		East-West:		109	East-West:		140	East-West:			163	East-West:			183	East-West:			167
		SUM:		261	SUM:		408	SUM:			351	SUM:			487	SUM:			471
	VOLUME/CAPACITY (V/C) RATIO:			0.174			0.272				0.234				0.325				0.314
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.087			0.172				0.134				0.225				0.214
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.091 | Δv/c after mitigation: 0.080
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	35	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	45	1	25	0	45	25	53	99	1	54	1	100	1	55	0	100	1	100
	Left-Through		1							1				1				1	
	Through	307	0	374	232	539	606	69	380	0	448	232	612	0	680	0	612	1	227
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	42	1	42	-42	0	0	5	48	1	48	-48	0	1	0	0	0	1	0
	Through-Right		0							0				0				0	
	Right	109	1	109	0	109	109	0	110	1	110	0	110	1	110	0	110	1	110
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	88	0	88	1131	1219	1219	80	169	0	169	1069	1238	0	1238	0	1238	1	619
	Left-Through		1							1				1				1	
	Through	122	1	105	-122	0	0	6	129	1	129	-129	0	1	0	0	0	0	619
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		374	North-South:		606	North-South:			448	North-South:			680	North-South:			227
		East-West:		214	East-West:		1328	East-West:			279	East-West:			1348	East-West:			729
		SUM:		588	SUM:		1934	SUM:			727	SUM:			2028	SUM:			956
	VOLUME/CAPACITY (V/C) RATIO:			0.413			1.357				0.510				1.423				0.671
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.313			1.257				0.410				1.323				0.571
	LEVEL OF SERVICE (LOS):			A			F				A				F				A

PROJECT IMPACT

Change in v/c due to project: 0.913 | Δv/c after mitigation: 0.161
Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	36	North-South Street:	Convention Center Drive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	1	9	349	358	197	0	9	1	9	352	361	1	199	0	361	1	199
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	17	1	2	64	81	67	0	17	1	2	65	82	1	68	0	82	1	68
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	15	1	15	13	28	28	0	15	1	15	13	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	332	2	166	47	379	190	39	375	2	188	61	436	2	218	0	436	2	218
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	421	2	211	244	665	333	41	467	2	234	244	711	2	356	85	796	2	398
	Through-Right		0							0				0				0	
	Right	61	1	52	164	225	28	13	75	1	66	164	239	1	40	0	239	1	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		9	North-South:		197	North-South:			9	North-South:			199	North-South:			199
		East-West:		226	East-West:		361	East-West:			249	East-West:			384	East-West:			426
		SUM:		235	SUM:		558	SUM:			258	SUM:			583	SUM:			625
	VOLUME/CAPACITY (V/C) RATIO:			0.157			0.372				0.172				0.389				0.417
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.078			0.272				0.086				0.289				0.317
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.203 | Δv/c after mitigation: 0.231
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	37	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4				4				4				4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	3	NB-- 0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	
	EB-- 3	WB--	0	EB-- 3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	75	1	**75**	21	96	**96**	0	76	1	76	21	97	1	**97**	85	182	1	**182**
	Left-Through		0							0				0				0	
	Through	573	3	151	10	583	153	365	945	3	**245**	10	955	3	247	-694	261	3	87
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	3	33	0	33	0	33	0	33	100	133	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	1	11	14	25	25	3	14	1	**14**	14	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	275	2	**138**	480	755	**378**	22	300	2	150	469	769	2	**385**	-356	413	2	**207**
	Through-Right		0							0				0				0	
	Right	32	1	2	110	142	89	17	49	1	7	111	160	1	95	0	160	1	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	30	1	**30**	23	53	**53**	12	42	1	**42**	23	65	1	**65**	0	65	1	**65**
	Left-Through		0							0				0				0	
	Through	132	2	66	25	157	79	27	161	2	81	25	186	2	93	0	186	2	93
	Through-Right		0							0				0				0	
	Right	100	1	25	201	301	205	0	101	1	25	216	317	1	220	0	317	1	135
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	0	24	29	53	53	1	25	0	25	29	54	0	54	356	410	0	410
	Left-Through		1							1				1				1	
	Through	134	0	**92**	278	412	**294**	38	174	0	**128**	278	452	0	**331**	0	452	0	**554**
	Through-Right		1							1				1				1	
	Right	25	0	92	45	70	294	32	57	0	128	45	102	0	331	0	102	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		213	North-South:		474	North-South:			259	North-South:			482	North-South:			389
		East-West:		122	East-West:		347	East-West:			170	East-West:			396	East-West:			619
		SUM:		335	SUM:		821	SUM:			429	SUM:			878	SUM:			1008
VOLUME/CAPACITY (V/C) RATIO:				0.244			0.597				0.312				0.639				0.733
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.144			0.497				0.212				0.539				0.633
LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.327 Δv/c after mitigation: 0.421

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	38	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3				3				3				3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	15	1	15	0	15	15	3	18	1	18	0	18	1	18	40	58	1	58
	Left-Through		0							0				0				0	
	Through	197	2	**99**	623	820	**410**	419	618	2	**223**	625	1243	2	**448**	-867	376	2	**159**
	Through-Right		0							1				1				1	
	Right	33	1	33	51	84	84	17	50	0	50	51	101	0	101	0	101	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	113	1	**83**	38	151	**102**	32	146	1	**100**	39	185	1	**119**	100	285	1	**169**
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	0	**22**	275	297	**297**	6	28	0	**28**	275	303	0	**303**	414	717	0	**717**
	Left-Through		1							1				1				1	
	Through	141	1	82	300	441	369	53	196	1	112	300	496	1	400	356	852	1	852
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		99	North-South:		410	North-South:			223	North-South:			448	North-South:			159
		East-West:		105	East-West:		399	East-West:			128	East-West:			422	East-West:			886
		SUM:		204	SUM:		809	SUM:			351	SUM:			870	SUM:			1045
VOLUME/CAPACITY (V/C) RATIO:				0.143			0.568				0.246				0.611				0.733
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.072			0.468				0.146				0.511				0.633
LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.365 Δv/c after mitigation: 0.487

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	39	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	21	0	21	97	118	118	5	26	0	26	97	123	0	123	0	123	0	123
	Left-Through		1							1				1				1	
	Through	294	3	**79**	1029	1323	**360**	418	716	3	**186**	1029	1745	3	**467**	518	2263	3	**597**
	Through-Right		0							0				0				0	
	Right	42	1	42	46	88	88	21	64	1	64	46	110	1	110	770	880	1	880
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	123	1	**88**	54	177	**169**	29	153	1	**109**	55	208	1	**191**	140	348	1	**261**
	Through-Right		1							1				1				1	
	Right	52	0	52	109	161	161	12	65	0	65	109	174	0	174	0	174	0	174
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	20	0	**20**	276	296	**296**	0	20	0	**20**	276	296	0	**296**	0	296	0	**296**
	Left-Through		1							1				1				1	
	Through	138	1	79	238	376	376	34	174	1	97	238	412	1	412	0	412	1	412
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		79	North-South:		360	North-South:			186	North-South:			467	North-South:			880
		East-West:		108	East-West:		465	East-West:			129	East-West:			487	East-West:			557
		SUM:		187	SUM:		825	SUM:			315	SUM:			954	SUM:			1437
VOLUME/CAPACITY (V/C) RATIO:				0.125			0.550				0.210				0.636				0.958
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.062			0.450				0.110				0.536				0.858
LEVEL OF SERVICE (LOS):				A			A				A				A				D

PROJECT IMPACT

Change in v/c due to project: 0.426 Δv/c after mitigation: 0.748

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	40	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	29	0	29	393	422	422	18	47	0	47	393	440	0	440	0	440	0	440
	Left-Through		1							1				1				1	
	Through	240	2	**74**	57	297	149	413	656	2	**183**	68	724	2	362	509	1233	2	558
	Through-Right		1							1				1				1	
	Right	28	0	74	809	837	**837**	0	28	0	183	809	837	0	**837**	0	837	0	**837**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	20	0	**20**	8	28	**28**	29	49	0	**49**	8	57	0	**57**	140	197	0	**197**
	Left-Through		0							1				1				1	
	Through	121	1	71	143	264	146	4	126	1	88	144	270	1	192	0	270	1	270
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	128	1	**74**	121	249	**134**	16	146	1	**90**	121	267	1	**150**	0	267	1	**150**
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	14	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		74	North-South:		837	North-South:			183	North-South:			837	North-South:			837
		East-West:		94	East-West:		162	East-West:			139	East-West:			207	East-West:			347
		SUM:		168	SUM:		999	SUM:			322	SUM:			1044	SUM:			1184
VOLUME/CAPACITY (V/C) RATIO:				0.112			0.666				0.215				0.696				0.789
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.056			0.566				0.115				0.596				0.689
LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.481 Δv/c after mitigation: 0.574

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	41	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0
	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	179	3	60	1033	1212	**357**	186	367	3	122	1033	1400	3	**444**	518	1918	3	**548**
	Through-Right		1							1				1				1	
	Right	191	1	**105**	382	573	0	244	437	1	**240**	383	820	1	0	0	820	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	65	0	65	63	128	128	7	73	0	73	63	136	0	136	0	136	0	136
	Left-Through		1							1				1				1	
	Through	410	1	**238**	279	689	**409**	103	518	1	**296**	279	797	1	**467**	0	797	2	**311**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		105	*North-South:*		357	*North-South:*			240	*North-South:*			444	*North-South:*			548
		East-West:		238	*East-West:*		409	*East-West:*			296	*East-West:*			467	*East-West:*			311
		SUM:		343	*SUM:*		766	*SUM:*			536	*SUM:*			911	*SUM:*			859
VOLUME/CAPACITY (*V/C*) RATIO:				0.229			0.511				0.357				0.607				0.573
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.129			0.411				0.257				0.507				0.473
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.250 — *Δv/c* after mitigation: 0.216

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	42	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0
	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	82	0	**82**	51	133	**133**	16	99	0	99	51	150	0	150	0	150	0	150
	Left-Through		1							1				1				1	
	Through	206	3	69	8	214	71	290	498	3	**149**	9	507	3	**164**	509	1016	3	**292**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	399	1	**244**	291	690	**442**	94	498	1	**365**	291	789	1	**568**	0	789	2	**379**
	Through-Right		1							1				1				1	
	Right	88	0	88	105	193	193	142	231	0	231	116	347	0	347	0	347	0	347
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		82	*North-South:*		133	*North-South:*			149	*North-South:*			164	*North-South:*			292
		East-West:		244	*East-West:*		442	*East-West:*			365	*East-West:*			568	*East-West:*			379
		SUM:		326	*SUM:*		575	*SUM:*			514	*SUM:*			732	*SUM:*			671
VOLUME/CAPACITY (*V/C*) RATIO:				0.217			0.383				0.343				0.488				0.447
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.117			0.283				0.243				0.388				0.347
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.145 — *Δv/c* after mitigation: 0.104

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	43	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0
	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	41	0	**41**	0	41	**41**	8	49	0	**49**	0	49	0	**49**	0	49	0	**49**
	Left-Through		1							1				1				1	
	Through	93	1	67	0	93	93	106	200	1	149	0	200	1	200	0	200	1	200
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	124	1	**92**	1671	1795	**1040**	104	229	1	**167**	1671	1900	1	**1114**	0	1900	1	**1114**
	Through-Right		1							1				1				1	
	Right	60	0	60	224	284	284	43	104	0	104	224	328	1	328	0	328	0	328
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	7	0	7	-7	0	0	16	23	0	23	-7	16	0	16	0	16	0	16
	Left-Through		1							1				1				1	
	Through	375	0	**210**	83	458	**248**	186	566	0	**320**	94	660	0	**363**	0	660	1	**242**
	Through-Right		1							1				1				1	
	Right	37	0	210	0	37	248	13	50	0	320	0	50	0	363	0	50	0	242
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		133	*North-South:*		1081	*North-South:*			216	*North-South:*			1163	*North-South:*			1163
		East-West:		210	*East-West:*		248	*East-West:*			320	*East-West:*			363	*East-West:*			242
		SUM:		343	*SUM:*		1329	*SUM:*			536	*SUM:*			1526	*SUM:*			1405
VOLUME/CAPACITY (*V/C*) RATIO:				0.229			0.886				0.357				1.017				0.937
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.129			0.786				0.257				0.917				0.837
LEVEL OF SERVICE (LOS):				A			C				A				E				D

PROJECT IMPACT

Change in *v/c* due to project: 0.660 — *Δv/c* after mitigation: 0.580

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	44	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0
	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	28	1	**28**	0	28	**28**	0	28	1	**28**	0	28	1	**28**	0	28	1	**28**
	Left-Through		0							0				0				0	
	Through	158	2	79	3	161	81	94	254	2	127	3	257	2	129	0	257	2	129
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	244	1	**148**	178	422	**237**	87	334	1	**197**	178	512	1	**286**	0	512	1	**286**
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	7	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	0	14	0	14	14	8	22	0	22	0	22	0	22	0	22	0	22
	Left-Through		1							1				1				1	
	Through	325	0	**177**	83	408	**226**	207	536	0	**291**	94	630	0	**345**	0	630	1	**230**
	Through-Right		1							1				1				1	
	Right	14	0	177	15	29	226	9	23	0	291	15	38	0	345	0	38	0	230
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		176	*North-South:*		265	*North-South:*			225	*North-South:*			314	*North-South:*			314
		East-West:		177	*East-West:*		226	*East-West:*			291	*East-West:*			345	*East-West:*			230
		SUM:		353	*SUM:*		491	*SUM:*			516	*SUM:*			659	*SUM:*			544
VOLUME/CAPACITY (*V/C*) RATIO:				0.235			0.327				0.344				0.439				0.363
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.135			0.227				0.244				0.339				0.263
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.095 — *Δv/c* after mitigation: 0.019

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	45	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	31	1	31	0	31	31	4	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	163	2	82	0	163	82	94	259	2	130	0	259	2	130	0	259	2	130
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	195	1	143	2	197	144	100	297	1	202	2	299	1	203	0	299	1	203
	Through-Right		1							1				1				1	
	Right	91	0	91	0	91	91	14	106	0	106	0	106	0	106	0	106	0	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	39	0	39	0	39	39	77	116	0	116	0	116	0	116	0	116	0	116
	Left-Through		1							1				1				1	
	Through	230	0	140	97	327	188	207	440	0	291	108	548	0	345	0	548	1	230
	Through-Right		1							1				1				1	
	Right	10	0	140	0	10	188	16	26	0	291	0	26	0	345	0	26	0	230
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		174	North-South:		175	North-South:			237	North-South:			238	North-South:			238
		East-West:		140	East-West:		188	East-West:			291	East-West:			345	East-West:			230
		SUM:		314	SUM:		363	SUM:			528	SUM:			583	SUM:			468
VOLUME/CAPACITY (V/C) RATIO:				0.209			0.242				0.352				0.389				0.312
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.109			0.142				0.252				0.289				0.212
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.037 | Δv/c after mitigation: -0.040 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	46	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	11	1	11	0	11	11	0	11	1	11	0	11	1	11	0	11	1	11
	Left-Through		0							0				0				0	
	Through	25	2	13	0	25	13	5	30	2	15	0	30	2	15	0	30	2	15
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	264	1	175	1	265	176	19	286	1	189	1	287	1	189	0	287	1	189
	Through-Right		1							1				1				1	
	Right	86	0	86	0	86	86	4	91	0	91	0	91	0	91	0	91	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	39	0	39	0	39	39	0	39	0	39	0	39	0	39	0	39	0	39
	Left-Through		1							1				1				1	
	Through	178	0	142	97	275	190	295	475	0	302	108	583	0	356	0	583	1	237
	Through-Right		1							1				1				1	
	Right	66	0	142	0	66	190	23	90	0	302	0	90	0	356	0	90	0	237
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		186	North-South:		187	North-South:			200	North-South:			200	North-South:			200
		East-West:		142	East-West:		190	East-West:			302	East-West:			356	East-West:			237
		SUM:		328	SUM:		377	SUM:			502	SUM:			556	SUM:			437
VOLUME/CAPACITY (V/C) RATIO:				0.219			0.251				0.335				0.371				0.291
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.119			0.151				0.235				0.271				0.191
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.036 | Δv/c after mitigation: -0.044 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	47	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	140	3	47	308	448	149	342	484	3	161	308	792	3	264	-118	674	3	225
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	17	1	13	255	272	140	29	46	1	27	255	301	1	155	548	849	1	429
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		47	North-South:		149	North-South:			161	North-South:			264	North-South:			225
		East-West:		13	East-West:		140	East-West:			27	East-West:			155	East-West:			429
		SUM:		60	SUM:		289	SUM:			188	SUM:			419	SUM:			654
VOLUME/CAPACITY (V/C) RATIO:				0.042			0.203				0.132				0.294				0.459
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.021			0.103				0.066				0.194				0.359
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.128 | Δv/c after mitigation: 0.293 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	48	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 3 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	92	2	51	51	143	79	0	93	2	51	51	144	2	79	0	144	2	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	118	1	118	441	559	559	56	175	1	175	441	616	1	616	335	951	1	951
	Left-Through		0							0				0				0	
	Through	130	3	43	689	819	273	137	269	3	90	689	958	3	319	183	1141	3	380
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	231	2	77	20	251	84	236	470	2	157	20	490	2	163	548	1038	2	346
	Through-Right		1							1				1				1	
	Right	50	1	50	0	50	50	17	68	1	68	0	68	1	68	0	68	1	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		169	North-South:		638	North-South:			226	North-South:			695	North-South:			1030
		East-West:		77	East-West:		84	East-West:			157	East-West:			163	East-West:			346
		SUM:		246	SUM:		722	SUM:			383	SUM:			858	SUM:			1376
VOLUME/CAPACITY (V/C) RATIO:				0.173			0.507				0.269				0.602				0.966
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.086			0.407				0.169				0.502				0.866
LEVEL OF SERVICE (LOS):				A			A				A				A				D

PROJECT IMPACT

Change in v/c due to project: 0.333 | Δv/c after mitigation: 0.697 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
49	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		101	3	31	0	101	34	125	227	3	62	0	227	3	76	-39	188	3	63
	Through-Right			1							1				1				1	
	Right		22	0	22	177	199	199	0	22	0	22	177	199	0	199	0	199	0	199
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		191	1	191	60	251	251	181	374	1	374	60	434	1	434	548	982	1	982
	Left-Through			0							0				0				0	
	Through		254	2	127	452	706	353	112	369	2	185	452	821	2	411	335	1156	2	578
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		31	North-South:		199	North-South:			62	North-South:			199	North-South:			199
			East-West:		191	East-West:		353	East-West:			374	East-West:			434	East-West:			982
			SUM:		222	SUM:		552	SUM:			436	SUM:			633	SUM:			1181
	VOLUME/CAPACITY (V/C) RATIO:				0.148			0.368				0.291				0.422				0.787
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.074			0.268				0.191				0.322				0.687
	LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.131 | Δv/c after mitigation: 0.496

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
50	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		108	1	63	0	108	63	102	211	1	115	0	211	1	115	0	211	1	115
	Through-Right			1							1				1				1	
	Right		18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		29	0	29	1028	1057	1057	13	42	0	42	1028	1070	0	1070	0	1070	0	1070
	Left-Through			1							1				1				1	
	Through		107	1	68	643	750	750	107	215	1	129	643	858	1	858	0	858	1	858
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		20	1	20	0	20	20	12	32	1	32	0	32	1	32	0	32	0	32
	Left-Through			0							0				0				1	
	Through		240	1	131	628	868	445	100	343	1	182	628	971	1	496	335	1306	1	453
	Through-Right			1							1				1				1	
	Right		21	0	21	0	21	21	0	21	0	21	0	21	0	21	0	21	0	453
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		92	North-South:		1120	North-South:			157	North-South:			1185	North-South:			1185
			East-West:		131	East-West:		445	East-West:			182	East-West:			496	East-West:			453
			SUM:		223	SUM:		1565	SUM:			339	SUM:			1681	SUM:			1638
	VOLUME/CAPACITY (V/C) RATIO:				0.149			1.043				0.226				1.121				1.092
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.074			0.943				0.126				1.021				0.992
	LEVEL OF SERVICE (LOS):				A			E				A				F				E

PROJECT IMPACT

Change in v/c due to project: 0.895 | Δv/c after mitigation: 0.866

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
51	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		165	1	93	3	168	94	94	261	1	142	3	264	1	144	0	264	1	144
	Through-Right			1							1				1				1	
	Right		20	0	20	0	20	20	3	23	0	23	0	23	0	23	0	23	0	23
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		31	1	31	135	166	166	9	40	1	40	135	175	1	175	0	175	1	175
	Left-Through			0							0				0				0	
	Through		228	2	114	42	270	135	87	318	2	159	42	360	2	180	0	360	2	180
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	0	22
	Left-Through			0							0				0				1	
	Through		254	1	131	1657	1911	960	97	354	1	189	1657	2011	1	1017	335	2346	1	797
	Through-Right			1							1				1				1	
	Right		8	0	8	0	8	8	15	23	0	23	0	23	0	23	0	23	0	797
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		124	North-South:		260	North-South:			182	North-South:			319	North-South:			319
			East-West:		131	East-West:		960	East-West:			189	East-West:			1017	East-West:			797
			SUM:		255	SUM:		1220	SUM:			371	SUM:			1336	SUM:			1116
	VOLUME/CAPACITY (V/C) RATIO:				0.170			0.813				0.247				0.891				0.744
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.085			0.713				0.147				0.791				0.644
	LEVEL OF SERVICE (LOS):				A			C				A				C				B

PROJECT IMPACT

Change in v/c due to project: 0.644 | Δv/c after mitigation: 0.497

Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
52	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		178	1	129	0	178	129	85	265	1	237	0	265	1	237	0	265	1	237
	Through-Right			1							1				1				1	
	Right		79	0	79	0	79	79	129	209	0	209	0	209	0	209	0	209	0	209
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		48	1	48	0	48	48	14	63	1	63	0	63	1	63	0	63	1	63
	Left-Through			0							0				0				0	
	Through		188	2	94	2	190	95	163	353	2	177	2	355	2	178	0	355	2	178
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		18	0	18	0	18	18	12	30	0	30	0	30	0	30	0	30	0	30
	Left-Through			0							1				1				1	
	Through		209	1	114	1792	2001	1010	89	301	1	166	1792	2093	1	1062	335	2428	1	1229
	Through-Right			0							0				0				0	
	Right		28	1	28	0	28	28	7	35	1	35	0	35	1	35	0	35	1	35
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		177	North-South:		177	North-South:			300	North-South:			300	North-South:			300
			East-West:		114	East-West:		1010	East-West:			166	East-West:			1062	East-West:			1229
			SUM:		291	SUM:		1187	SUM:			466	SUM:			1362	SUM:			1529
	VOLUME/CAPACITY (V/C) RATIO:				0.194			0.791				0.311				0.908				1.019
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.097			0.691				0.211				0.808				0.919
	LEVEL OF SERVICE (LOS):				A			B				A				D				E

PROJECT IMPACT

Change in v/c due to project: 0.597 | Δv/c after mitigation: 0.708

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	53	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	73	1	40	0	73	40	3	77	1	42	0	77	1	42	0	77	1	42
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	141	2	71	1	142	71	0	143	2	72	1	144	2	72	0	144	2	72
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	305	1	305	1792	2097	2097	231	540	1	540	1792	2332	1	2332	335	2667	2	1467
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	21	1	19	0	21	19	0	21	1	19	0	21	1	19	0	21	1	19
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		71	North-South:		71	North-South:			72	North-South:			72	North-South:			72
	East-West:		305	East-West:		2097	East-West:			540	East-West:			2332	East-West:			1467
	SUM:		376	SUM:		2168	SUM:			612	SUM:			2404	SUM:			1539
VOLUME/CAPACITY (V/C) RATIO:			0.251			1.445				0.408				1.603				1.026
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.151			1.345				0.308				1.503				0.926
LEVEL OF SERVICE (LOS):			A			F				A				F				E

PROJECT IMPACT

Change in v/c due to project: 1.195 — Δv/c after mitigation: 0.618

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	54	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	83	1	83	10	93	93	5	89	1	89	10	99	1	99	0	99	1	99
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	635	3	170	21	656	176	441	1084	3	293	21	1105	3	298	39	1144	3	298
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	46	0	46	0	46	46	39	86	0	86	0	86	0	86	-39	47	0	47
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	45	1	45	37	82	82	0	46	1	46	37	83	1	83	0	83	1	83
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	301	1	191	106	407	343	6	311	1	200	106	417	1	352	0	417	1	352
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	80	0	80	199	279	279	7	88	0	88	199	287	0	287	0	287	0	287
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	63	1	63	4	67	67	16	80	1	80	4	84	1	84	0	84	1	84
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	234	2	97	0	234	97	33	270	2	110	0	270	2	110	0	270	2	110
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	57	0	57	0	57	57	2	60	0	60	0	60	0	60	0	60	0	60
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	80	1	80	55	135	135	27	108	1	108	55	163	1	163	0	163	1	163
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	376	2	148	619	995	356	60	441	2	172	619	1060	2	381	65	1125	3	375
WESTBOUND Through-Right		1							1				1				0	
WESTBOUND Right	67	0	67	6	73	73	8	76	0	76	6	82	0	82	0	82	1	41
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		274	North-South:		436	North-South:			339	North-South:			451	North-South:			451
	East-West:		211	East-West:		423	East-West:			252	East-West:			465	East-West:			459
	SUM:		485	SUM:		859	SUM:			591	SUM:			916	SUM:			910
VOLUME/CAPACITY (V/C) RATIO:			0.353			0.625				0.430				0.666				0.662
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.253			0.525				0.330				0.566				0.562
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.236 — Δv/c after mitigation: 0.232

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	55	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	10	1	10	7	17	17	4	14	1	14	7	21	1	21	0	21	1	21
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	94	2	47	236	330	147	318	413	2	160	236	649	2	260	-118	531	2	221
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	47	0	47	65	112	112	19	67	0	67	65	132	0	132	0	132	0	132
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	311	2	156	25	336	168	67	382	2	191	25	407	2	204	-39	368	2	184
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	5	1	5	12	17	17	6	11	1	11	12	23	1	23	0	23	1	23
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	134	134	0	0	0	0	0	134	134	0	0	0	134	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	462	2	231	616	1078	539	76	544	2	272	616	1160	2	580	65	1225	2	613
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		47	North-South:		147	North-South:			160	North-South:			260	North-South:			221
	East-West:		231	East-West:		539	East-West:			272	East-West:			580	East-West:			613
	SUM:		278	SUM:		686	SUM:			432	SUM:			840	SUM:			834
VOLUME/CAPACITY (V/C) RATIO:			0.185			0.457				0.288				0.560				0.556
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.093			0.357				0.188				0.460				0.456
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.272 — Δv/c after mitigation: 0.268

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	56	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	29	1	29	11	40	40	0	29	1	29	11	40	1	40	0	40	1	40
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	69	0	86	51	120	137	0	70	0	88	51	121	0	139	0	121	0	139
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	17	0	0	0	17	0	1	18	0	0	0	18	0	0	0	18	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	24	1	24	80	104	104	16	40	1	40	80	120	1	120	0	120	1	120
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	118	2	59	297	415	208	125	244	2	122	297	541	2	271	118	659	2	330
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	37	1	37	321	358	358	12	49	1	49	321	370	1	370	65	435	1	435
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	302	1	159	32	334	175	71	377	1	197	32	409	1	213	0	409	1	213
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	16	0	16	0	16	16	0	16	0	16	0	16	0	16	0	16	0	16
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	15	1	15	0	15	15	3	18	1	18	0	18	1	18	0	18	1	18
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	363	1	186	418	781	395	64	431	1	220	418	849	1	429	-39	810	1	410
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		110	North-South:		398	North-South:			151	North-South:			410	North-South:			475
	East-West:		186	East-West:		395	East-West:			220	East-West:			429	East-West:			410
	SUM:		296	SUM:		793	SUM:			371	SUM:			839	SUM:			885
VOLUME/CAPACITY (V/C) RATIO:			0.208			0.556				0.260				0.589				0.621
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.108			0.456				0.160				0.489				0.521
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.329 — Δv/c after mitigation: 0.361

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	57	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	12	0 1	12	185	197	**197**	12	24	0 1	24	185	209	0 1	209	0	209	0 1	209
	Left-Through																		
	Through	40	1 1	**18**	177	217	171	111	151	1 1	**59**	177	328	1 1	**212**	0	328	1 1	**212**
	Through-Right																		
	Right	3	0 1	18	96	99	171	0	3	0 1	59	96	99	0 1	212	0	99	0 1	212
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0 0	**0**	0	0	0	0	0	0 0	**0**	0	0	0 0	**0**	0	0	0 0	**0**
	Left-Through		0							0				0				0	
	Through	0	0 1	0	0	0	**0**	0	0	0 1	0	0	0	0 1	0	0	0	0 1	0
	Through-Right		0							0				0				0	
	Right	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	32	1 0	**32**	0	32	**32**	13	45	1 0	**45**	0	45	1 0	**45**	-39	6	1 0	**6**
	Left-Through		0							0				0				0	
	Through	314	1 1	159	113	427	215	77	395	1 1	199	113	508	1 1	256	0	508	1 1	256
	Through-Right		1							1				1				1	
	Right	3	0 0	3	0	3	3	0	3	0 0	3	0	3	0 0	3	0	3	0 0	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	3	1 0	3	0	3	3	0	3	1 0	3	0	3	1 0	3	0	3	1 0	3
	Left-Through		0							0				0				0	
	Through	368	1 1	**210**	218	586	**319**	67	439	1 1	**247**	218	657	1 1	**356**	0	657	1 1	**356**
	Through-Right		1							1				1				1	
	Right	51	0 0	51	0	51	51	2	54	0 0	54	0	54	0 0	54	0	54	0 0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		18	North-South:		197	North-South:			59	North-South:			212	North-South:			212
		East-West:		242	East-West:		351	East-West:			292	East-West:			401	East-West:			362
		SUM:		260	SUM:		548	SUM:			351	SUM:			613	SUM:			574
VOLUME/CAPACITY (V/C) RATIO:				0.182			0.385				0.246				0.430				0.403
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.091			0.285				0.146				0.330				0.303
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.184 | Δv/c after mitigation: 0.157 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	58	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	3	1 0	3	0	3	3	0	3	1 0	3	0	3	1 0	**3**	0	3	1 0	**3**
	Left-Through																		
	Through	89	1 1	**51**	0	89	**51**	79	169	1 1	**91**	0	169	1 1	91	0	169	1 1	91
	Through-Right		1							1				1				1	
	Right	13	0 0	13	0	13	13	0	13	0 0	13	0	13	0 0	13	0	13	0 0	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	24	1 0	**24**	204	228	**228**	6	30	1 0	**30**	204	234	1 0	234	0	234	1 0	234
	Left-Through		0							0				0				0	
	Through	96	1 1	56	228	324	275	89	186	1 1	106	228	414	1 1	**326**	0	414	1 1	**326**
	Through-Right		1							1				1				1	
	Right	15	0 0	15	211	226	226	11	26	0 0	26	211	237	0 0	237	0	237	0 0	237
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	7	1 0	**7**	0	7	**7**	8	15	1 0	**15**	0	15	1 0	**15**	0	15	1 0	**15**
	Left-Through		0							0				0				0	
	Through	68	1 1	35	210	278	140	69	138	1 1	70	210	348	1 1	175	0	348	1 1	175
	Through-Right		1							1				1				1	
	Right	2	0 0	2	0	2	2	0	2	0 0	2	0	2	0 0	2	0	2	0 0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	12	1 0	12	0	12	12	0	12	1 0	12	0	12	1 0	12	0	12	1 0	12
	Left-Through		0							0				0				0	
	Through	267	1 1	**149**	6	273	**152**	57	327	1 1	**187**	6	333	1 1	**190**	0	333	1 1	**190**
	Through-Right		1							1				1				1	
	Right	31	0 0	31	0	31	31	15	46	0 0	46	0	46	0 0	46	0	46	0 0	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		75	North-South:		279	North-South:			121	North-South:			329	North-South:			329
		East-West:		156	East-West:		159	East-West:			202	East-West:			205	East-West:			205
		SUM:		231	SUM:		438	SUM:			323	SUM:			534	SUM:			534
VOLUME/CAPACITY (V/C) RATIO:				0.162			0.307				0.227				0.375				0.375
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.081			0.207				0.127				0.275				0.275
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.148 | Δv/c after mitigation: 0.148 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	59	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	10	1 0	10	0	10	10	0	10	1 0	10	0	10	1 0	10	0	10	1 0	10
	Left-Through		0							0				0				0	
	Through	138	1 1	**87**	3	141	**88**	89	229	1 1	**137**	3	232	1 1	**138**	0	232	1 1	**138**
	Through-Right		1							1				1				1	
	Right	35	0 0	35	0	35	35	9	44	0 0	44	0	44	0 0	44	0	44	0 0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	41	1 0	**41**	3	44	**44**	24	65	1 0	**65**	3	68	1 0	**68**	0	68	1 0	**68**
	Left-Through		0							0				0				0	
	Through	167	1 1	94	39	206	113	79	248	1 1	134	39	287	1 1	154	0	287	1 1	154
	Through-Right		1							1				1				1	
	Right	20	0 0	20	0	20	20	0	20	0 0	20	0	20	0 0	20	0	20	0 0	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	7	1 0	**7**	0	7	7	3	10	1 0	**10**	0	10	1 0	10	0	10	1 0	10
	Left-Through		0							0				0				0	
	Through	100	1 1	52	414	514	**259**	73	174	1 1	89	414	588	1 1	**296**	0	588	1 1	**296**
	Through-Right		1							1				1				1	
	Right	3	0 0	3	0	3	3	0	3	0 0	3	0	3	0 0	3	0	3	0 0	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	18	1 0	18	0	18	**18**	5	23	1 0	23	0	23	1 0	**23**	0	23	1 0	**23**
	Left-Through		0							0				0				0	
	Through	279	1 1	**154**	6	285	157	72	354	1 1	**194**	6	360	1 1	197	0	360	1 1	197
	Through-Right		1							1				1				1	
	Right	29	0 0	29	0	29	29	4	33	0 0	33	0	33	0 0	33	0	33	0 0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		128	North-South:		132	North-South:			202	North-South:			206	North-South:			206
		East-West:		161	East-West:		277	East-West:			204	East-West:			319	East-West:			319
		SUM:		289	SUM:		409	SUM:			406	SUM:			525	SUM:			525
VOLUME/CAPACITY (V/C) RATIO:				0.203			0.287				0.285				0.368				0.368
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.103			0.187				0.185				0.268				0.268
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.083 | Δv/c after mitigation: 0.083 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	60	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	35	1 0	35	0	35	35	0	35	1 0	35	0	35	1 0	35	0	35	1 0	35
	Left-Through		0							0				0				0	
	Through	212	1 1	**125**	0	212	**125**	205	420	1 1	**236**	0	420	1 1	**236**	0	420	1 1	**236**
	Through-Right		1							1				1				1	
	Right	37	0 0	37	0	37	37	15	52	0 0	52	0	52	0 0	52	0	52	0 0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	27	1 0	**27**	2	29	**29**	11	38	1 0	**38**	2	40	1 0	**40**	0	40	1 0	**40**
	Left-Through		0							0				0				0	
	Through	167	1 1	98	0	167	98	157	326	1 1	178	0	326	1 1	178	0	326	1 1	178
	Through-Right		1							1				1				1	
	Right	28	0 0	28	0	28	28	2	30	0 0	30	0	30	0 0	30	0	30	0 0	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	10	1 0	**10**	0	10	10	3	13	1 0	**13**	0	13	1 0	13	0	13	1 0	13
	Left-Through		0							0				0				0	
	Through	313	1 1	167	417	730	**375**	103	420	1 1	220	417	837	1 1	**429**	0	837	1 1	**429**
	Through-Right		1							1				1				1	
	Right	20	0 0	20	0	20	20	0	20	0 0	20	0	20	0 0	20	0	20	0 0	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	1 0	24	0	24	**24**	0	24	1 0	24	0	24	1 0	**24**	0	24	1 0	**24**
	Left-Through		0							0				0				0	
	Through	345	1 1	**193**	6	351	196	78	427	1 1	**237**	6	433	1 1	240	0	433	1 1	240
	Through-Right		1							1				1				1	
	Right	41	0 0	41	0	41	41	6	47	0 0	47	0	47	0 0	47	0	47	0 0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		152	North-South:		154	North-South:			274	North-South:			276	North-South:			276
		East-West:		203	East-West:		399	East-West:			250	East-West:			453	East-West:			453
		SUM:		355	SUM:		553	SUM:			524	SUM:			729	SUM:			729
VOLUME/CAPACITY (V/C) RATIO:				0.249			0.388				0.368				0.512				0.512
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.149			0.288				0.268				0.412				0.412
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.144 | Δv/c after mitigation: 0.144 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	61	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through		1							1				1				1	
	Through	25	0	19	0	25	19	0	25	0	19	0	25	0	19	0	25	0	19
	Through-Right		1							1				1				1	
	Right	11	0	19	0	11	19	0	11	0	19	0	11	0	19	0	11	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	39	0	39	1	40	40	0	39	0	39	1	40	0	40	0	40	0	40
	Left-Through		1							1				1				1	
	Through	48	0	64	0	48	65	0	49	0	65	0	49	0	65	0	49	0	65
	Through-Right		1							1				1				1	
	Right	41	0	64	0	41	65	0	41	0	65	0	41	0	65	0	41	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	16	1	16	0	16	16	3	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	227	1	115	419	646	324	68	298	1	150	419	717	1	360	0	717	1	360
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	4	1	4	0	4	4	0	4	1	4	0	4	1	4	0	4	1	4
	Left-Through		0							0				0				0	
	Through	301	1	165	6	307	168	71	376	1	203	6	382	1	206	0	382	1	206
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		66	North-South:		67	North-South:			67	North-South:			67	North-South:			67
		East-West:		181	East-West:		328	East-West:			222	East-West:			364	East-West:			364
		SUM:		247	SUM:		395	SUM:			289	SUM:			431	SUM:			431
VOLUME/CAPACITY (V/C) RATIO:				0.173			0.277				0.203				0.302				0.302
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.087			0.177				0.103				0.202				0.202
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.099 | Δv/c after mitigation: 0.099 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	62	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	59	1	59	0	59	59	13	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	364	1	196	0	364	196	0	368	1	201	0	368	1	201	0	368	1	201
	Through-Right		1							1				1				1	
	Right	28	0	28	0	28	28	5	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	52	1	52	0	52	52	0	53	1	53	0	53	1	53	0	53	1	53
	Left-Through		0							0				0				0	
	Through	422	1	233	0	422	233	0	427	1	236	0	427	1	236	0	427	1	236
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	87	1	87	0	87	87	0	88	1	88	0	88	1	88	0	88	1	88
	Left-Through		0							0				0				0	
	Through	259	1	157	420	679	367	62	324	1	194	420	744	1	404	0	744	1	404
	Through-Right		1							1				1				1	
	Right	54	0	54	0	54	54	8	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	48	1	48	0	48	48	0	49	1	49	0	49	1	49	0	49	1	49
	Left-Through		0							0				0				0	
	Through	254	1	143	6	260	146	61	318	1	175	6	324	1	178	0	324	1	178
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		292	North-South:		292	North-South:			309	North-South:			309	North-South:			309
		East-West:		230	East-West:		415	East-West:			263	East-West:			453	East-West:			453
		SUM:		522	SUM:		707	SUM:			572	SUM:			762	SUM:			762
VOLUME/CAPACITY (V/C) RATIO:				0.366			0.496				0.401				0.535				0.535
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.266			0.396				0.301				0.435				0.435
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.134 | Δv/c after mitigation: 0.134 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	63	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	130	1	130	0	130	130	10	142	1	142	0	142	1	142	0	142	1	142
	Left-Through		0							0				0				0	
	Through	709	2	260	6	715	262	475	1193	2	423	6	1199	2	425	0	1199	2	425
	Through-Right		1							1				1				1	
	Right	70	0	70	0	70	70	6	77	0	77	0	77	0	77	0	77	0	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	82	1	82	0	82	82	0	83	1	83	0	83	1	83	0	83	1	83
	Left-Through		0							0				0				0	
	Through	500	2	250	221	721	361	121	627	2	314	222	849	2	425	0	849	2	425
	Through-Right		0							0				0				0	
	Right	72	1	0	0	72	0	0	73	1	0	0	73	1	0	0	73	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	94	1	94	0	94	94	0	95	1	95	0	95	1	95	0	95	1	95
	Left-Through		0							0				0				0	
	Through	225	1	225	0	225	225	9	237	1	237	0	237	1	237	0	237	1	237
	Through-Right		0							0				0				0	
	Right	135	1	70	0	135	70	5	142	1	71	0	142	1	71	0	142	1	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	115	1	115	0	115	115	51	167	1	167	0	167	1	167	0	167	1	167
	Left-Through		0							0				0				0	
	Through	547	2	274	0	547	274	8	562	2	281	0	562	2	281	0	562	2	281
	Through-Right		0							0				0				0	
	Right	237	1	155	12	249	167	23	263	1	180	12	275	1	192	0	275	1	192
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		380	North-South:		491	North-South:			506	North-South:			567	North-South:			567
		East-West:		368	East-West:		368	East-West:			404	East-West:			404	East-West:			404
		SUM:		748	SUM:		859	SUM:			910	SUM:			971	SUM:			971
VOLUME/CAPACITY (V/C) RATIO:				0.544			0.625				0.662				0.706				0.706
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.444			0.525				0.562				0.606				0.606
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.044 | Δv/c after mitigation: 0.044 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	64	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 2 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	109	2	45	691	800	276	335	445	2	164	691	1136	2	395	-118	1018	2	355
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	21	48	0	48	0	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	254	1	194	0	254	194	15	272	1	204	0	272	1	204	0	272	1	204
	Through-Right		1							1				1				1	
	Right	134	0	134	0	134	134	0	136	0	136	0	136	0	136	0	136	0	136
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	1	0	102	102	102	0	0	1	0	102	102	1	102	118	220	1	220
	Left-Through		0							0				0				0	
	Through	877	2	292	12	889	297	61	949	2	316	12	961	2	320	0	961	2	320
	Through-Right		1							1				1				1	
	Right	0	0	0	2	2	2	12	12	1	12	2	14	1	14	0	14	1	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		45	North-South:		276	North-South:			164	North-South:			395	North-South:			355
		East-West:		292	East-West:		297	East-West:			316	East-West:			320	East-West:			424
		SUM:		337	SUM:		573	SUM:			480	SUM:			715	SUM:			779
VOLUME/CAPACITY (V/C) RATIO:				0.225			0.382				0.349				0.520				0.567
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.125			0.282				0.249				0.420				0.467
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.171 | Δv/c after mitigation: 0.218 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	65	North-South Street:	I-110 NB Off General	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	320	1	243	12	332	249	17	341	1	285	12	353	1	291	0	353	1	291
		Left-Through		0							0				0				0	
		Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Through-Right		0							0				0				0	
		Right	166	0	243	0	166	249	61	229	0	285	0	229	0	291	0	229	0	291
		Left-Through-Right		0							0				0				0	
		Left-Right		1							1				1				0	
SOUTHBOUND		Left	0	1	0	222	222	140	12	12	2	6	225	237	2	100	0	237	2	100
		Left-Through		0							0				0				0	
		Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Through-Right		0							0				0				0	
		Right	0	0	0	57	57	140	5	5	0	6	58	63	0	100	0	63	0	100
		Left-Through-Right		0							0				0				0	
		Left-Right		1							1				1				0	
EASTBOUND		Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through		0							0				0				0	
		Through	244	2	122	0	244	122	21	268	2	134	0	268	2	134	0	268	2	134
		Through-Right		0							0				0				0	
		Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through		0							0				0				0	
		Through	346	2	173	102	448	224	44	394	2	197	102	496	2	248	118	614	2	307
		Through-Right		0							0				0				0	
		Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		243	North-South:		389	North-South:			291	North-South:			391	North-South:			391
			East-West:		173	East-West:		224	East-West:			197	East-West:			248	East-West:			307
			SUM:		416	SUM:		613	SUM:			488	SUM:			639	SUM:			698
	VOLUME/CAPACITY (v/c) RATIO:				0.292			0.430				0.342				0.448				0.490
	v/c LESS ATSAC/ATCS ADJUSTMENT:				0.192			0.330				0.242				0.348				0.390
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.106 | Δv/c after mitigation: 0.148

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	66	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	14	1	14	0	14	14	0	14	1	14	0	14	1	14	0	14	1	14
		Left-Through		0							0				0				0	
		Through	36	1	36	0	36	36	0	36	1	36	0	36	1	36	0	36	1	36
		Through-Right		0							0				0				0	
		Right	21	1	7	0	21	7	0	21	1	7	0	21	1	7	0	21	1	7
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	29	1	29	0	29	29	0	29	1	29	0	29	1	29	0	29	1	29
		Left-Through		0							0				0				0	
		Through	88	1	58	166	254	160	122	211	1	120	166	377	1	221	0	377	1	280
		Through-Right		1							1				1				1	
		Right	28	0	28	37	65	65	0	28	0	28	37	65	0	65	118	183	0	183
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
		Left-Through		0							0				0				0	
		Through	405	1	217	0	405	217	82	492	1	260	0	492	1	260	0	492	1	260
		Through-Right		1							1				1				1	
		Right	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	29	1	29	0	29	29	0	29	1	29	0	29	1	29	0	29	1	29
		Left-Through		0							0				0				0	
		Through	299	1	159	65	364	191	44	347	1	183	65	412	1	215	0	412	1	215
		Through-Right		1							1				1				1	
		Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		72	North-South:		174	North-South:			134	North-South:			235	North-South:			294
			East-West:		246	East-West:		246	East-West:			289	East-West:			289	East-West:			289
			SUM:		318	SUM:		420	SUM:			423	SUM:			524	SUM:			583
	VOLUME/CAPACITY (v/c) RATIO:				0.212			0.280				0.282				0.349				0.389
	v/c LESS ATSAC/ATCS ADJUSTMENT:				0.112			0.180				0.182				0.249				0.289
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.067 | Δv/c after mitigation: 0.107

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	67	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	18	1	18	0	18	18	0	18	1	18	0	18	1	18	0	18	1	18
		Left-Through		0							0				0				0	
		Through	75	1	45	0	75	45	116	192	1	104	0	192	1	104	0	192	1	104
		Through-Right		1							1				1				1	
		Right	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	15	1	15	0	15	15	0	15	1	15	0	15	1	15	0	15	1	15
		Left-Through		0							0				0				0	
		Through	72	1	43	84	156	102	79	152	1	83	84	236	1	142	0	236	1	142
		Through-Right		1							1				1				1	
		Right	13	0	13	35	48	48	0	13	0	13	35	48	0	48	0	48	0	48
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	40	1	40	0	40	40	15	55	1	55	0	55	1	55	0	55	1	55
		Left-Through		0							0				0				0	
		Through	395	1	203	0	395	203	67	467	1	239	0	467	1	239	0	467	1	239
		Through-Right		1							1				1				1	
		Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	11	1	11	0	11	11	0	11	1	11	0	11	1	11	0	11	1	11
		Left-Through		0							0				0				0	
		Through	315	1	168	30	345	183	44	363	1	192	30	393	1	207	0	393	1	207
		Through-Right		1							1				1				1	
		Right	21	0	21	0	21	21	0	21	0	21	0	21	0	21	0	21	0	21
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		61	North-South:		120	North-South:			119	North-South:			160	North-South:			160
			East-West:		214	East-West:		223	East-West:			250	East-West:			262	East-West:			262
			SUM:		275	SUM:		343	SUM:			369	SUM:			422	SUM:			422
	VOLUME/CAPACITY (v/c) RATIO:				0.183			0.229				0.246				0.281				0.281
	v/c LESS ATSAC/ATCS ADJUSTMENT:				0.092			0.129				0.146				0.181				0.181
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.035 | Δv/c after mitigation: 0.035

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	68	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	24	1	24	0	24	24	0	24	1	24	0	24	1	24	0	24	1	24
		Left-Through		0							0				0				0	
		Through	124	1	68	3	127	69	101	226	1	119	4	230	1	121	0	230	1	121
		Through-Right		1							1				1				1	
		Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	18	1	18	0	18	18	0	18	1	18	0	18	1	18	0	18	1	18
		Left-Through		0							0				0				0	
		Through	170	1	99	8	178	118	73	245	1	141	8	253	1	160	0	253	1	160
		Through-Right		1							1				1				1	
		Right	27	0	27	30	57	57	9	36	0	36	30	66	0	66	0	66	0	66
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	34	1	34	0	34	34	2	36	1	36	0	36	1	36	0	36	1	36
		Left-Through		0							0				0				0	
		Through	389	1	205	0	389	205	65	459	1	240	0	459	1	240	0	459	1	240
		Through-Right		1							1				1				1	
		Right	20	0	20	0	20	20	0	20	0	20	0	20	0	20	0	20	0	20
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	19	1	19	0	19	19	0	19	1	19	0	19	1	19	0	19	1	19
		Left-Through		0							0				0				0	
		Through	275	1	147	0	275	147	35	313	1	166	0	313	1	166	0	313	1	166
		Through-Right		1							1				1				1	
		Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		123	North-South:		142	North-South:			165	North-South:			184	North-South:			184
			East-West:		224	East-West:		224	East-West:			259	East-West:			259	East-West:			259
			SUM:		347	SUM:		366	SUM:			424	SUM:			443	SUM:			443
	VOLUME/CAPACITY (v/c) RATIO:				0.231			0.244				0.283				0.295				0.295
	v/c LESS ATSAC/ATCS ADJUSTMENT:				0.131			0.144				0.183				0.195				0.195
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.012 | Δv/c after mitigation: 0.012

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	69	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	28	1	28	0	28	28	0	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	258	1	148	0	258	148	202	463	1	251	0	463	1	251	0	463	1	251
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	0	38	0	38	0	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	13	1	13	0	13	13	0	13	1	13	0	13	1	13	0	13	1	13
	Left-Through		0							0				0				0	
	Through	203	1	116	0	203	116	153	358	1	195	0	358	1	195	0	358	1	195
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	2	31	0	31	0	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	35	1	35	0	35	35	17	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	348	1	188	0	348	188	48	400	1	214	0	400	1	214	0	400	1	214
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	0	27	0	27	0	27	0	27	0	27	0	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	279	1	152	0	279	152	33	315	1	170	0	315	1	170	0	315	1	170
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		161	North-South:		161	North-South:			264	North-South:			264	North-South:			264
		East-West:		225	East-West:		225	East-West:			251	East-West:			251	East-West:			251
		SUM:		386	SUM:		386	SUM:			515	SUM:			515	SUM:			515
VOLUME/CAPACITY (V/C) RATIO:				0.281			0.281				0.375				0.375				0.375
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.181			0.181				0.275				0.275				0.275
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	70	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Jefferson	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	1	23	0	23	23	5	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	168	2	62	479	647	221	264	434	2	168	479	913	2	328	0	913	2	328
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	54	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	294	2	147	0	294	147	167	465	2	233	0	465	2	233	0	465	2	233
	Through-Right		0							0				0				0	
	Right	175	1	175	0	175	175	57	234	1	234	0	234	1	234	0	234	1	234
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	48	1	48	44	92	92	0	49	1	49	44	93	1	93	0	93	1	93
	Left-Through		0							0				0				0	
	Through	392	2	196	9	401	201	108	505	2	253	9	514	2	257	0	514	2	257
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		62	North-South:		221	North-South:			168	North-South:			328	North-South:			328
		East-West:		223	East-West:		267	East-West:			283	East-West:			327	East-West:			327
		SUM:		285	SUM:		488	SUM:			451	SUM:			655	SUM:			655
VOLUME/CAPACITY (V/C) RATIO:				0.200			0.342				0.328				0.476				0.476
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.100			0.242				0.228				0.376				0.376
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.148 Δv/c after mitigation: 0.148

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	71	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Exposition	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3
	EB-- 1 WB--		0	EB-- 1 WB--		0	EB-- 1 WB--		0	EB-- 1 WB--		0	EB-- 1 WB--		0	EB-- 1 WB--		0	EB-- 1 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	99	1	99	0	99	99	0	100	1	100	0	100	1	100	0	100	1	100
	Left-Through		0							0				0				0	
	Through	480	3	129	6	486	130	330	816	3	215	6	822	3	216	0	822	3	216
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	8	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	195	1	195	58	253	253	96	293	1	293	59	352	1	352	0	352	1	352
	Left-Through		0							0				0				0	
	Through	485	2	243	172	657	329	117	608	1	304	172	780	1	390	0	780	1	390
	Through-Right		0							1				1				1	
	Right	61	1	16	0	61	16	0	62	1	17	0	62	1	17	0	62	1	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	81	2	45	0	81	45	0	82	2	45	0	82	2	45	0	82	2	45
	Left-Through		0							0				0				0	
	Through	275	3	92	0	275	92	17	295	3	98	0	295	3	98	0	295	3	98
	Through-Right		0							0				0				0	
	Right	52	1	0	0	52	0	0	53	1	0	0	53	1	0	0	53	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	20	1	20	14	34	34	6	26	1	26	14	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	268	2	134	0	268	134	19	290	2	145	0	290	2	145	0	290	2	145
	Through-Right		0							0				0				0	
	Right	192	1	95	1	193	67	35	229	1	83	1	230	1	54	0	230	1	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		342	North-South:		428	North-South:			508	North-South:			568	North-South:			568
		East-West:		179	East-West:		179	East-West:			190	East-West:			190	East-West:			190
		SUM:		521	SUM:		607	SUM:			698	SUM:			758	SUM:			758
VOLUME/CAPACITY (V/C) RATIO:				0.379			0.441				0.508				0.551				0.551
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.279			0.341				0.408				0.451				0.451
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.043 Δv/c after mitigation: 0.043

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	72	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	61	2	34	0	61	34	0	62	2	34	0	62	2	34	0	62	2	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	351	2	193	404	755	415	57	412	2	227	404	816	2	449	0	816	2	449
	Left-Through		0							0				0				0	
	Through	73	2	37	104	177	89	256	330	2	165	104	434	2	217	0	434	2	217
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	481	4	103	58	539	115	121	608	4	129	59	667	4	140	0	667	4	140
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		227	North-South:		449	North-South:			261	North-South:			483	North-South:			483
		East-West:		103	East-West:		115	East-West:			129	East-West:			140	East-West:			140
		SUM:		330	SUM:		564	SUM:			390	SUM:			623	SUM:			623
VOLUME/CAPACITY (V/C) RATIO:				0.232			0.396				0.274				0.437				0.437
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.132			0.296				0.174				0.337				0.337
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.163 Δv/c after mitigation: 0.163

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	73	North-South Street:	I-110 NB Off- Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	283	2	103	1	284	103	45	331	2	119	1	332	2	119	0	332	2	119
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	25	0	25	0	25	25	0	25	0	25	0	25	0	25	0	25	0	25
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	397	2	218	0	397	218	78	480	2	264	0	480	2	264	0	480	2	264
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	101	2	51	0	101	51	1	103	2	52	0	103	2	52	0	103	2	52
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	86	1	86	0	86	86	1	88	1	88	0	88	1	88	0	88	1	88
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		103	North-South:		103	North-South:			119	North-South:			119	North-South:			119
	East-West:		304	East-West:		304	East-West:			352	East-West:			352	East-West:			352
	SUM:		407	SUM:		407	SUM:			471	SUM:			471	SUM:			471
VOLUME/CAPACITY (V/C) RATIO:			0.286			0.286				0.331				0.331				0.331
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.186			0.186				0.231				0.231				0.231
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	74	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	68	1	34	0	68	34	116	185	1	93	0	185	1	93	0	185	1	93
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	61	1	35	84	145	77	79	141	1	75	84	225	1	117	0	225	1	117
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	33	0	50	0	33	50	1	34	0	51	0	34	0	51	0	34	0	51
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	19	1	14	0	19	14	0	19	1	14	0	19	1	14	0	19	1	14
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	9	0	20	0	9	20	1	10	0	21	0	10	0	21	0	10	0	21
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	7	0	0	0	7	0	0	7	0	0	0	7	0	0	0	7	0	0
WESTBOUND Left-Through-Right		1							1				1				1	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		45	North-South:		87	North-South:			96	North-South:			127	North-South:			127
	East-West:		54	East-West:		54	East-West:			55	East-West:			55	East-West:			55
	SUM:		99	SUM:		141	SUM:			151	SUM:			182	SUM:			182
VOLUME/CAPACITY (V/C) RATIO:			0.066			0.094				0.101				0.121				0.121
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.033			0.047				0.050				0.061				0.061
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.011 — Δv/c after mitigation: 0.011

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	75	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	37th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	3	1	3	0	3	3	1	4	1	4	0	4	1	4	0	4	1	4
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	148	1	75	3	151	76	104	254	1	128	3	257	1	129	0	257	1	129
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	215	1	109	8	223	113	85	303	1	153	8	311	1	157	0	311	1	157
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	15	0	31	0	15	31	0	15	0	32	0	15	0	32	0	15	0	32
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	12	0	0	0	12	0	1	13	0	0	0	13	0	0	0	13	0	0
EASTBOUND Left-Through-Right		1							1				1				1	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
WESTBOUND Left-Through-Right		1							1				1				1	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		112	North-South:		116	North-South:			157	North-South:			161	North-South:			161
	East-West:		31	East-West:		31	East-West:			32	East-West:			32	East-West:			32
	SUM:		143	SUM:		147	SUM:			189	SUM:			193	SUM:			193
VOLUME/CAPACITY (V/C) RATIO:			0.095			0.098				0.126				0.129				0.129
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.048			0.049				0.063				0.064				0.064
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 — Δv/c after mitigation: 0.001

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	76	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	20	2	11	0	20	11	0	20	2	11	0	20	2	11	0	20	2	11
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	373	2	140	2	375	141	317	694	2	247	2	696	2	248	0	696	2	248
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	47	0	47	0	47	47	0	48	0	48	0	48	0	48	0	48	0	48
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	46	2	25	0	46	25	28	75	2	41	0	75	2	41	0	75	2	41
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	368	2	127	178	546	187	95	467	2	160	178	645	2	220	0	645	2	220
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	168	1	92	0	168	92	0	170	1	94	0	170	1	94	0	170	1	94
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	44	1	64	0	44	64	0	45	1	65	0	45	0	65	0	45	0	65
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	20	0	20	0	20	20	0	20	0	20	0	20	0	20	0	20	0	20
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	65	1	36	0	65	36	0	66	1	36	0	66	1	36	0	66	1	36
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	15	0	139	0	15	140	0	15	0	157	0	15	0	158	0	15	0	158
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	124	0	124	1	125	125	17	142	0	142	1	143	0	143	0	143	0	143
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		165	North-South:		198	North-South:			288	North-South:			289	North-South:			289
	East-West:		231	East-West:		232	East-West:			251	East-West:			252	East-West:			252
	SUM:		396	SUM:		430	SUM:			539	SUM:			541	SUM:			541
VOLUME/CAPACITY (V/C) RATIO:			0.288			0.313				0.392				0.393				0.393
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.188			0.213				0.292				0.293				0.293
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 — Δv/c after mitigation: 0.001

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	77	North-South Street:	I-110 SB HOV Off Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	111	0	111	1	112	112	17	129	0	129	1	130	0	130	0	130	0	130
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	26	0	137	0	26	138	0	26	0	155	0	26	0	156	0	26	0	156
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	77	2	39	0	77	39	0	78	2	39	0	78	2	39	0	78	2	39
	Through-Right		0							0				0				0	
	Right	89	1	89	104	193	193	28	118	1	118	104	222	1	222	0	222	1	222
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	39	1	39	151	190	190	0	39	1	39	151	190	1	190	0	190	1	190
	Left-Through		0							0				0				0	
	Through	60	2	30	0	60	30	0	61	2	31	0	61	2	31	0	61	2	31
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		137	North-South:		138	North-South:			155	North-South:			156	North-South:			156
		East-West:		128	East-West:		383	East-West:			157	East-West:			412	East-West:			412
		SUM:		265	SUM:		521	SUM:			312	SUM:			568	SUM:			568
VOLUME/CAPACITY (V/C) RATIO:				0.177			0.347				0.208				0.379				0.379
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.088			0.247				0.108				0.279				0.279
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.171 — Δv/c after mitigation: 0.171

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	78	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			1			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--		0	NB-- 3	SB--		0	NB-- 3	SB--		0	NB-- 3	SB--		0	NB-- 3	SB--		0	NB-- 3	SB--		0
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	71	1	71	0	71	71	2	74	1	74	0	74	1	74	0	74	1	74
	Left-Through		0							0				0				0	
	Through	248	3	83	0	248	83	292	543	3	181	0	543	3	181	0	543	3	181
	Through-Right		0							0				0				0	
	Right	98	1	0	0	98	0	2	101	1	0	0	101	1	0	0	101	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	203	1	203	178	381	381	38	243	1	243	178	421	1	421	0	421	1	421
	Left-Through		0							0				0				0	
	Through	302	2	146	-1	301	146	55	361	2	125	-1	360	2	125	0	360	2	125
	Through-Right		1							1				1				1	
	Right	136	0	136	0	136	136	1	139	1	0	0	139	1	0	0	139	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	156	1	156	0	156	156	1	159	1	159	0	159	1	159	0	159	1	159
	Left-Through		0							0				0				0	
	Through	1162	2	414	0	1162	414	1	1177	2	420	0	1177	2	420	0	1177	2	420
	Through-Right		1							1				1				1	
	Right	81	0	81	0	81	81	2	84	0	84	0	84	0	84	0	84	0	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	146	1	146	0	146	146	8	156	1	156	0	156	1	156	0	156	1	156
	Left-Through		0							0				0				0	
	Through	867	2	317	0	867	317	1	878	2	329	0	878	2	329	0	878	2	329
	Through-Right		1							1				1				1	
	Right	83	0	83	1	84	84	24	108	0	108	1	109	0	109	0	109	0	109
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		286	North-South:		464	North-South:			424	North-South:			602	North-South:			602
		East-West:		560	East-West:		560	East-West:			576	East-West:			576	East-West:			576
		SUM:		846	SUM:		1024	SUM:			1000	SUM:			1178	SUM:			1178
VOLUME/CAPACITY (V/C) RATIO:				0.615			0.745				0.727				0.857				0.857
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.515			0.645				0.627				0.757				0.757
LEVEL OF SERVICE (LOS):				A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.130 — Δv/c after mitigation: 0.130

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	79	North-South Street:	I-110 SB Ramps	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	216	1	216	0	216	216	0	219	1	219	0	219	1	219	0	219	1	219
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	449	1	247	0	449	247	6	460	1	253	0	460	1	253	0	460	1	253
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	901	2	451	0	901	451	41	953	2	477	0	953	2	477	0	953	2	477
	Through-Right		1							1				1				1	
	Right	605	0	605	178	783	783	0	612	0	612	178	790	0	790	0	790	0	790
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	179	1	179	47	226	226	0	181	1	181	47	228	1	228	0	228	1	228
	Left-Through		0							0				0				0	
	Through	760	3	253	1	761	254	27	796	3	265	1	797	3	266	0	797	3	266
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		247	North-South:		247	North-South:			253	North-South:			253	North-South:			253
		East-West:		784	East-West:		1009	East-West:			793	East-West:			1018	East-West:			1018
		SUM:		1031	SUM:		1256	SUM:			1046	SUM:			1271	SUM:			1271
VOLUME/CAPACITY (V/C) RATIO:				0.687			0.837				0.697				0.847				0.847
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.587			0.737				0.597				0.747				0.747
LEVEL OF SERVICE (LOS):				A			C				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.150 — Δv/c after mitigation: 0.150

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	80	North-South Street:	I-110 NB Ramps/Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				1			1			1			1			1			1			1	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0	NB-- 0	SB--		0
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0	EB-- 0	WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	266	1	188	1	267	188	0	269	1	248	1	270	1	248	0	270	1	248
	Left-Through		0							0				0				0	
	Through	26	0	188	0	26	188	116	142	0	248	0	142	0	248	0	142	0	248
	Through-Right		0							0				0				0	
	Right	83	0	0	0	83	0	0	84	0	0	0	84	0	0	0	84	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	2	1	2	0	2	2	79	81	1	81	0	81	1	81	0	81	1	81
	Through-Right		0							0				0				0	
	Right	68	1	51	47	115	98	0	69	1	52	47	116	1	99	0	116	1	99
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	542	2	271	0	542	271	41	590	2	295	0	590	2	295	0	590	2	295
	Through-Right		1							1				1				1	
	Right	408	0	314	0	408	314	0	413	0	289	0	413	0	289	0	413	0	289
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	103	1	103	0	103	103	0	104	1	104	0	104	1	104	0	104	1	104
	Left-Through		0							0				0				0	
	Through	594	2	206	0	594	206	27	628	2	217	0	628	2	217	0	628	2	217
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		239	North-South:		286	North-South:			329	North-South:			347	North-South:			347
		East-West:		417	East-West:		417	East-West:			399	East-West:			399	East-West:			399
		SUM:		656	SUM:		703	SUM:			728	SUM:			746	SUM:			746
VOLUME/CAPACITY (V/C) RATIO:				0.477			0.511				0.529				0.543				0.543
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.377			0.411				0.429				0.443				0.443
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.014 — Δv/c after mitigation: 0.014

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	81	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	James Wood	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	184	1	**184**	345	529	**529**	129	315	1	**315**	346	661	1	**661**	0	661	1	**661**
	Through-Right		0							0				0				0	
	Right	30	1	30	77	107	107	5	35	1	35	77	112	1	112	0	112	1	112
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	161	0	161	0	161	161	21	184	0	184	0	184	0	184	0	184	0	184
	Left-Through		1							1				1				1	
	Through	403	1	**191**	0	403	**191**	367	775	1	**323**	0	775	1	**323**	0	775	1	**323**
	Through-Right		1							1				1				1	
	Right	10	0	191	0	10	191	0	10	0	323	0	10	0	323	0	10	0	323
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		184	North-South:		529	North-South:			315	North-South:			661	North-South:			661
		East-West:		191	East-West:		191	East-West:			323	East-West:			323	East-West:			323
		SUM:		375	SUM:		720	SUM:			638	SUM:			984	SUM:			984
VOLUME/CAPACITY (V/C) RATIO:				0.250			0.480				0.425				0.656				0.656
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.150			0.380				0.325				0.556				0.556
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.231 | Δv/c after mitigation: 0.231 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	82	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	22	1	**22**	454	476	**476**	59	81	1	**81**	454	535	1	**535**	0	535	1	**535**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	221	0	221	10	231	231	52	276	1	276	10	286	1	286	0	286	1	286
	Left-Through		1							1				1				1	
	Through	797	3	**255**	263	1060	**323**	592	1399	4	**280**	286	1685	4	**337**	0	1685	4	**337**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		22	North-South:		476	North-South:			81	North-South:			535	North-South:			535
		East-West:		255	East-West:		323	East-West:			280	East-West:			337	East-West:			337
		SUM:		277	SUM:		799	SUM:			361	SUM:			872	SUM:			872
VOLUME/CAPACITY (V/C) RATIO:				0.185			0.533				0.241				0.581				0.581
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.092			0.433				0.141				0.481				0.481
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.340 | Δv/c after mitigation: 0.340 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	83	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	661	3	**185**	197	858	**241**	541	1210	3	**336**	197	1407	3	**392**	-336	1071	3	**308**
	Through-Right		1							1				1				1	
	Right	78	0	78	27	105	105	54	133	0	133	27	160	0	160	0	160	0	160
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	204	1	165	436	640	**352**	60	266	1	266	436	702	1	448	0	702	1	448
	Left-Through		1							1				1				1	
	Through	621	3	**165**	295	916	305	591	1219	3	**305**	318	1537	3	**448**	0	1537	3	**448**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		185	North-South:		241	North-South:			336	North-South:			392	North-South:			308
		East-West:		165	East-West:		352	East-West:			305	East-West:			448	East-West:			448
		SUM:		350	SUM:		593	SUM:			641	SUM:			840	SUM:			756
VOLUME/CAPACITY (V/C) RATIO:				0.233			0.395				0.427				0.560				0.504
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.133			0.295				0.327				0.460				0.404
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.133 | Δv/c after mitigation: 0.077 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	84	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	138	1	**138**	53	191	**191**	9	149	1	149	53	202	1	202	404	606	1	606
	Left-Through		0							0				0				0	
	Through	417	4	104	201	618	155	388	810	4	**203**	201	1011	4	**253**	-404	607	4	**152**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	521	3	174	196	717	239	496	1023	3	**338**	196	1219	3	406	0	1219	3	406
	Through-Right		1							1				1				1	
	Right	179	0	**179**	125	304	**304**	149	330	0	330	148	478	0	**478**	0	478	0	**478**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		138	North-South:		191	North-South:			203	North-South:			253	North-South:			606
		East-West:		179	East-West:		304	East-West:			338	East-West:			478	East-West:			478
		SUM:		317	SUM:		495	SUM:			541	SUM:			731	SUM:			1084
VOLUME/CAPACITY (V/C) RATIO:				0.211			0.330				0.361				0.487				0.723
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.111			0.230				0.261				0.387				0.623
LEVEL OF SERVICE (LOS):				A			A				A				A				B

6

Change in v/c due to project: 0.126 | Δv/c after mitigation: 0.362 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	85	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	286	1	151	0	286	151	117	406	1	211	0	406	1	211	0	406	1	211
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	35	1	35	0	35	35	3	38	1	38	0	38	1	38	0	38	1	38
	Left-Through		0							0				0				0	
	Through	230	2	115	0	230	115	72	305	1	305	0	305	1	305	0	305	1	305
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	62	1	62	0	62	62	52	115	1	115	0	115	1	115	0	115	1	115
	Left-Through		0							0				0				0	
	Through	299	3	100	279	578	193	201	504	3	168	279	783	3	261	0	783	3	261
	Through-Right		0							0				0				0	
	Right	40	1	40	0	40	40	56	96	1	96	0	96	1	96	0	96	1	96
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		186	North-South:		186	North-South:			305	North-South:			305	North-South:			305
		East-West:		100	East-West:		193	East-West:			168	East-West:			261	East-West:			261
		SUM:		286	SUM:		379	SUM:			473	SUM:			566	SUM:			566
VOLUME/CAPACITY (V/C) RATIO:				0.191			0.253				0.315				0.377				0.377
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.095			0.153				0.215				0.277				0.277
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.062 Δv/c after mitigation: 0.062

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	86	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	600	2	300	0	600	300	197	804	2	402	0	804	2	402	0	804	2	402
	Through-Right		0							0				0				0	
	Right	45	1	45	0	45	45	0	46	1	46	0	46	1	46	0	46	1	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	269	2	148	634	903	497	69	341	2	188	697	1038	2	571	0	1038	2	571
	Left-Through		0							0				0				0	
	Through	433	1	284	252	685	457	127	565	1	352	252	817	1	525	0	817	1	525
	Through-Right		1							1				1				1	
	Right	135	0	135	94	229	229	1	138	0	138	94	232	0	232	0	232	0	232
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		300	North-South:		300	North-South:			402	North-South:			402	North-South:			402
		East-West:		284	East-West:		497	East-West:			352	East-West:			571	East-West:			571
		SUM:		584	SUM:		797	SUM:			754	SUM:			973	SUM:			973
VOLUME/CAPACITY (V/C) RATIO:				0.389			0.531				0.503				0.649				0.649
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.289			0.431				0.403				0.549				0.549
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.146 Δv/c after mitigation: 0.146

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	87	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	275	2	151	322	597	328	36	314	2	173	322	636	2	350	0	636	2	350
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	9	9	0	0	0	9	0	0	0	9	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	19	19	0	0	0	19	0	0	0	19	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	19	0	19	0	19	19	86	105	0	105	0	105	0	105	0	105	0	105
	Left-Through		1							1				1				1	
	Through	856	4	175	748	1604	325	347	1213	4	264	811	2024	4	426	0	2024	4	426
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	5	5	0	5	0	5	0	5	0	5	0	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		151	North-South:		328	North-South:			173	North-South:			350	North-South:			350
		East-West:		175	East-West:		325	East-West:			264	East-West:			426	East-West:			426
		SUM:		326	SUM:		653	SUM:			437	SUM:			776	SUM:			776
VOLUME/CAPACITY (V/C) RATIO:				0.217			0.435				0.291				0.517				0.517
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.117			0.335				0.191				0.417				0.417
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.226 Δv/c after mitigation: 0.226

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	88	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	160	1	160	266	426	426	185	347	1	347	266	613	1	613	0	613	1	613
	Left-Through		0							0				0				0	
	Through	729	6	122	833	1562	260	417	1155	6	193	833	1988	6	331	-786	1202	6	200
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	705	4	176	481	1186	297	253	967	4	242	544	1511	4	378	0	1511	4	378
	Through-Right		0							0				0				0	
	Right	139	1	139	178	317	317	14	155	1	155	178	333	1	333	582	915	1	915
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		160	North-South:		426	North-South:			347	North-South:			613	North-South:			613
		East-West:		176	East-West:		317	East-West:			242	East-West:			378	East-West:			915
		SUM:		336	SUM:		743	SUM:			589	SUM:			991	SUM:			1528
VOLUME/CAPACITY (V/C) RATIO:				0.224			0.495				0.393				0.661				1.019
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.124			0.395				0.293				0.561				0.919
LEVEL OF SERVICE (LOS):				A			A				A				A				E

PROJECT IMPACT

Change in v/c due to project: 0.268 Δv/c after mitigation: 0.626

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	89	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		485	4	121	116	601	150	348	839	4	210	116	955	4	239	0	955	4	239
	Through-Right			0							0				0				0	
	Right		133	1	133	246	379	379	8	143	1	143	246	389	1	389	0	389	1	389
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		71	0	71	0	71	71	49	121	0	121	0	121	0	121	0	121	0	121
	Left-Through			1							1				1				1	
	Through		714	3	196	413	1127	300	259	982	3	276	476	1458	3	395	582	2040	3	540
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		133	North-South:		379	North-South:			210	North-South:			389	North-South:			389
			East-West:		196	East-West:		300	East-West:			276	East-West:			395	East-West:			540
			SUM:		329	SUM:		679	SUM:			486	SUM:			784	SUM:			929
	VOLUME/CAPACITY (V/C) RATIO:				0.219			0.453				0.324				0.523				0.619
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.119			0.353				0.224				0.423				0.519
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.199 — Δv/c after mitigation: 0.295

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	90	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		19	1	19	15	34	34	4	23	1	23	15	38	1	38	0	38	1	38
	Left-Through			0							0				0				0	
	Through		127	2	64	316	443	222	89	218	2	109	316	534	2	267	0	534	2	267
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		191	2	96	0	191	96	170	363	2	182	0	363	2	182	0	363	2	182
	Through-Right			0							0				0				0	
	Right		62	1	62	12	74	74	65	128	1	128	12	140	1	140	0	140	1	140
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		35	1	35	0	35	35	48	83	1	83	0	83	1	83	0	83	1	83
	Left-Through			0							0				0				0	
	Through		487	2	179	0	487	179	268	761	2	273	0	761	2	273	0	761	2	273
	Through-Right			1							1				1				1	
	Right		49	0	49	0	49	49	9	59	0	59	0	59	0	59	0	59	0	59
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		115	North-South:		222	North-South:			205	North-South:			267	North-South:			267
			East-West:		179	East-West:		179	East-West:			273	East-West:			273	East-West:			273
			SUM:		294	SUM:		401	SUM:			478	SUM:			540	SUM:			540
	VOLUME/CAPACITY (V/C) RATIO:				0.196			0.267				0.319				0.360				0.360
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.098			0.167				0.219				0.260				0.260
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.041 — Δv/c after mitigation: 0.041

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	91	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		33	1	33	0	33	33	37	70	1	70	0	70	1	70	0	70	1	70
	Left-Through			0							0				0				0	
	Through		311	2	156	0	311	156	133	448	2	224	0	448	2	224	0	448	2	224
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		249	1	159	0	249	159	75	327	0	442	0	327	0	442	0	327	0	442
	Through-Right			1							1				1				1	
	Right		69	0	69	0	69	69	45	115	0	0	0	115	0	0	0	115	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through			1							1				1				1	
	Through		474	2	147	0	474	147	243	723	2	211	0	723	2	211	0	723	2	211
	Through-Right			1							1				1				1	
	Right		96	0	147	0	96	147	6	103	0	211	0	103	0	211	0	103	0	211
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		192	North-South:		192	North-South:			512	North-South:			512	North-South:			512
			East-West:		147	East-West:		147	East-West:			211	East-West:			211	East-West:			211
			SUM:		339	SUM:		339	SUM:			723	SUM:			723	SUM:			723
	VOLUME/CAPACITY (V/C) RATIO:				0.238			0.238				0.507				0.507				0.507
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.138			0.138				0.407				0.407				0.407
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	92	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
	Left-Through			0							0				0				0	
	Through		52	1	52	33	85	85	15	68	1	68	33	101	1	101	0	101	1	101
	Through-Right			0							0				0				0	
	Right		46	1	15	61	107	76	0	47	1	13	61	108	1	74	0	108	1	74
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		7	1	7	0	7	7	0	7	1	7	0	7	1	7	0	7	1	7
	Left-Through			0							0				0				0	
	Through		171	1	171	0	171	171	35	208	1	208	0	208	1	208	0	208	1	208
	Through-Right			0							0				0				0	
	Right		24	1	18	0	24	18	13	37	1	11	0	37	1	11	0	37	1	11
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		13	1	13	0	13	13	39	52	1	52	0	52	1	52	0	52	1	52
	Left-Through			0							0				0				0	
	Through		412	2	206	3	415	208	81	498	2	249	3	501	2	251	0	501	2	251
	Through-Right			0							0				0				0	
	Right		101	1	89	0	101	89	12	114	1	102	0	114	1	102	0	114	1	102
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		62	1	62	0	62	62	5	68	1	68	0	68	1	68	0	68	1	68
	Left-Through			0							0				0				0	
	Through		383	2	192	83	466	233	126	514	2	257	83	597	2	299	0	597	2	299
	Through-Right			0							0				0				0	
	Right		10	1	7	0	10	7	29	39	1	36	0	39	1	36	0	39	1	36
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		196	North-South:		196	North-South:			233	North-South:			233	North-South:			233
			East-West:		268	East-West:		270	East-West:			317	East-West:			351	East-West:			351
			SUM:		464	SUM:		466	SUM:			550	SUM:			584	SUM:			584
	VOLUME/CAPACITY (V/C) RATIO:				0.309			0.311				0.367				0.389				0.389
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.239			0.241				0.267				0.289				0.289
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.022 — Δv/c after mitigation: 0.022

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	93	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	51	0	51	75	126	126	55	107	0	107	75	182	0	182	0	182	0	182
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	720	3	164	1525	2245	502	371	1100	3	251	1525	2625	3	589	-244	2381	3	541
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	49	0	164	90	139	502	0	50	0	251	90	140	0	589	0	140	0	541
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	247	2	136	61	308	169	97	347	2	191	61	408	2	224	0	408	2	224
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	284	2	142	1	285	143	67	354	2	177	1	355	2	178	0	355	2	178
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	155	2	78	8	163	82	91	248	2	124	8	256	2	128	0	256	2	128
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	109	1	109	86	195	195	0	110	1	110	86	196	1	196	0	196	1	196
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		164	North-South:		502	North-South:			251	North-South:			589	North-South:			541
	East-West:		245	East-West:		364	East-West:			315	East-West:			420	East-West:			420
	SUM:		409	SUM:		866	SUM:			566	SUM:			1009	SUM:			961
VOLUME/CAPACITY (V/C) RATIO:			0.287			0.608				0.397				0.708				0.674
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.217			0.538				0.297				0.608				0.574
LEVEL OF SERVICE (LOS):			A			A				A				B				A

PROJECT IMPACT

Change in v/c due to project: 0.311 — Δv/c after mitigation: 0.277

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	94	North-South Street:	Lucas	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	17	0	17	0	17	17	6	23	0	23	0	23	0	23	0	23	0	23
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	78	0	129	64	142	193	54	133	0	238	64	197	0	302	0	197	0	302
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	34	0	0	0	34	0	48	82	0	0	0	82	0	0	0	82	0	0
NORTHBOUND Left-Through-Right		1							1				1				1	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	12	0	12	3	15	15	47	59	0	59	3	62	0	62	0	62	0	62
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	83	0	170	0	83	173	80	164	0	302	0	164	0	305	0	164	0	305
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	75	0	0	0	75	0	3	79	0	0	0	79	0	0	0	79	0	0
SOUTHBOUND Left-Through-Right		1							1				1				1	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	81	1	81	0	81	81	5	87	1	87	0	87	1	87	0	87	1	87
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	393	1	204	0	393	204	186	584	1	303	0	584	1	303	0	584	1	303
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	15	0	15	0	15	15	7	22	0	22	0	22	0	22	0	22	0	22
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	13	1	13	0	13	13	1	14	1	14	0	14	1	14	0	14	1	14
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	248	1	131	25	273	143	162	413	1	235	25	438	1	248	0	438	1	248
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	13	0	13	0	13	13	44	57	0	57	0	57	0	57	0	57	0	57
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		187	North-South:		208	North-South:			325	North-South:			364	North-South:			364
	East-West:		217	East-West:		224	East-West:			322	East-West:			335	East-West:			335
	SUM:		404	SUM:		432	SUM:			647	SUM:			699	SUM:			699
VOLUME/CAPACITY (V/C) RATIO:			0.269			0.288				0.431				0.466				0.466
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.199			0.218				0.331				0.366				0.366
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.035 — Δv/c after mitigation: 0.035

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	95	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	26	1	26	0	26	26	4	30	1	30	0	30	1	30	0	30	1	30
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	31	0	47	0	31	80	11	42	0	76	0	42	0	109	0	42	0	109
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	16	0	0	33	49	0	18	34	0	0	33	67	0	0	0	67	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	26	1	26	0	26	26	6	32	1	32	0	32	1	32	0	32	1	32
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	77	0	106	0	77	106	18	96	0	143	0	96	0	143	0	96	0	143
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	29	0	0	0	29	0	18	47	0	0	0	47	0	0	0	47	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	22	1	22	0	22	22	11	33	1	33	0	33	1	33	0	33	1	33
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	343	1	213	3	346	214	260	607	1	348	3	610	1	349	0	610	1	349
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	82	0	82	0	82	82	5	88	0	88	0	88	0	88	0	88	0	88
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	33	1	33	0	33	33	12	45	1	45	0	45	1	45	0	45	1	45
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	229	1	128	25	254	141	247	479	1	256	25	504	1	268	0	504	1	268
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	27	0	27	0	27	27	5	32	0	32	0	32	0	32	0	32	0	32
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		132	North-South:		132	North-South:			173	North-South:			173	North-South:			173
	East-West:		246	East-West:		247	East-West:			393	East-West:			394	East-West:			394
	SUM:		378	SUM:		379	SUM:			566	SUM:			567	SUM:			567
VOLUME/CAPACITY (V/C) RATIO:			0.252			0.253				0.377				0.378				0.378
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.182			0.183				0.277				0.278				0.278
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 — Δv/c after mitigation: 0.001

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	96	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1007	5	168	1428	2435	406	430	1449	5	242	1428	2877	5	480	-244	2633	5	439
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	70	1	70	244	314	314	38	109	1	109	244	353	1	353	0	353	1	353
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	161	1	157	0	161	160	85	248	1	244	0	248	1	247	0	248	1	247
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	778	4	157	23	801	160	426	1213	4	244	23	1236	4	247	0	1236	4	247
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		168	North-South:		406	North-South:			242	North-South:			480	North-South:			439
	East-West:		157	East-West:		160	East-West:			244	East-West:			247	East-West:			247
	SUM:		325	SUM:		566	SUM:			486	SUM:			727	SUM:			686
VOLUME/CAPACITY (V/C) RATIO:			0.217			0.377				0.324				0.485				0.457
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.147			0.307				0.224				0.385				0.357
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.161 — Δv/c after mitigation: 0.133

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	97	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	99	2	54	2	101	56	2	102	2	56	2	104	2	57	0	104	2	57
	Left-Through		0							0				0				0	
	Through	283	4	**71**	18	301	**75**	252	538	4	**135**	18	556	4	**139**	0	556	4	**139**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	465	3	155	277	742	**221**	270	741	3	247	277	1018	3	**316**	0	1018	3	**316**
	Through-Right		1							1				1				1	
	Right	374	1	**206**	-10	364	0	193	572	1	**315**	-10	562	1	0	0	562	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	71		*North-South:*	75		*North-South:*	135			*North-South:*	139			*North-South:*	139	
			East-West:	206		*East-West:*	221		*East-West:*	315			*East-West:*	316			*East-West:*	316	
			SUM:	277		*SUM:*	296		*SUM:*	450			*SUM:*	455			*SUM:*	455	
	VOLUME/CAPACITY (*V/C*) RATIO:			0.185			0.197			0.300				0.303				0.303	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.120			0.128			0.200				0.203				0.203	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in *v/c* due to project: 0.003 — *Δv/c* after mitigation: 0.003

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	98	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	43	0	43	0	43	43	12	56	0	56	0	56	0	56	0	56	0	56
	Left-Through		1							1				1				1	
	Through	296	3	**85**	4	300	**86**	201	501	3	**139**	4	505	3	**140**	0	505	3	**140**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	396	4	**87**	508	904	**189**	245	646	4	**143**	508	1154	4	**245**	0	1154	4	**245**
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	31	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	85		*North-South:*	86		*North-South:*	139			*North-South:*	140			*North-South:*	140	
			East-West:	87		*East-West:*	189		*East-West:*	143			*East-West:*	245			*East-West:*	245	
			SUM:	172		*SUM:*	275		*SUM:*	282			*SUM:*	385			*SUM:*	385	
	VOLUME/CAPACITY (*V/C*) RATIO:			0.115			0.183			0.188				0.257				0.257	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.075			0.119			0.094				0.157				0.157	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in *v/c* due to project: 0.063 — *Δv/c* after mitigation: 0.063

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	99	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	194	1	**124**	316	510	**295**	111	307	1	**181**	316	623	1	**352**	0	623	1	**352**
	Through-Right		1							1				1				1	
	Right	53	0	53	26	79	79	0	54	0	54	26	80	0	80	0	80	0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	45	1	**45**	16	61	**61**	20	66	1	**66**	16	82	1	**82**	0	82	1	**82**
	Left-Through		0							0				0				0	
	Through	225	3	75	11	236	79	216	444	3	148	11	455	3	152	0	455	3	152
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through		1							1				1				1	
	Through	361	2	**100**	418	779	**205**	216	581	2	**165**	418	999	2	**270**	0	999	2	**270**
	Through-Right		1							1				1				1	
	Right	22	0	100	0	22	205	40	62	0	165	0	62	0	270	0	62	0	270
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	169		*North-South:*	356		*North-South:*	247			*North-South:*	434			*North-South:*	434	
			East-West:	100		*East-West:*	205		*East-West:*	165			*East-West:*	270			*East-West:*	270	
			SUM:	269		*SUM:*	561		*SUM:*	412			*SUM:*	704			*SUM:*	704	
	VOLUME/CAPACITY (*V/C*) RATIO:			0.179			0.374			0.275				0.469				0.469	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.117			0.304			0.175				0.369				0.369	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in *v/c* due to project: 0.194 — *Δv/c* after mitigation: 0.194

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	100	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	154	0	**154**	0	154	**154**	23	179	0	179	0	179	0	179	0	179	0	179
	Left-Through		1							1				1				1	
	Through	508	4	127	10	518	130	373	887	2	**355**	10	897	2	**359**	0	897	2	**359**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	380	3	127	293	673	**207**	206	591	3	**191**	293	884	3	**265**	0	884	3	**265**
	Through-Right		1							1				1				1	
	Right	155	0	**155**	0	155	155	17	174	0	174	0	174	0	174	0	174	0	174
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	154		*North-South:*	154		*North-South:*	355			*North-South:*	359			*North-South:*	359	
			East-West:	155		*East-West:*	207		*East-West:*	191			*East-West:*	265			*East-West:*	265	
			SUM:	309		*SUM:*	361		*SUM:*	546			*SUM:*	624			*SUM:*	624	
	VOLUME/CAPACITY (*V/C*) RATIO:			0.206			0.241			0.364				0.416				0.416	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.136			0.171			0.264				0.316				0.316	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in *v/c* due to project: 0.052 — *Δv/c* after mitigation: 0.052

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	101	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	430	4	108	262	692	173	304	739	4	185	262	1001	4	250	0	1001	4	250
	Through-Right		0							0				0				0	
	Right	83	1	83	0	83	83	16	100	1	100	0	100	1	100	0	100	1	100
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	208	0	208	276	484	484	79	290	0	290	276	566	0	566	0	566	0	566
	Left-Through		1							1				1				1	
	Through	298	3	99	17	315	105	150	452	3	151	17	469	3	156	0	469	3	156
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		108	North-South:		173	North-South:			185	North-South:			250	North-South:			250
		East-West:		208	East-West:		484	East-West:			290	East-West:			566	East-West:			566
		SUM:		316	SUM:		657	SUM:			475	SUM:			816	SUM:			816
VOLUME/CAPACITY (v/c) RATIO:				0.211			0.438				0.317				0.544				0.544
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.141			0.368				0.217				0.444				0.444
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.227 | Δv/c after mitigation: 0.227 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	102	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	366	3	128	571	937	328	230	600	3	210	571	1171	3	410	0	1171	3	410
	Left-Through		0							0				0				0	
	Through	662	4	166	857	1519	380	286	956	4	239	857	1813	4	453	-244	1569	4	392
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	669	5	114	813	1482	278	321	998	5	166	813	1811	5	327	0	1811	5	344
	Through-Right		1							1				1				1	
	Right	126	1	0	335	461	0	16	144	1	144	335	479	1	0	118	597	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		166	North-South:		380	North-South:			239	North-South:			453	North-South:			410
		East-West:		114	East-West:		278	East-West:			166	East-West:			327	East-West:			344
		SUM:		280	SUM:		658	SUM:			405	SUM:			780	SUM:			754
VOLUME/CAPACITY (v/c) RATIO:				0.187			0.439				0.270				0.520				0.503
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.121			0.369				0.170				0.420				0.403
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.250 | Δv/c after mitigation: 0.233 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	103	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	244	3	81	2	246	82	131	378	3	126	2	380	3	127	0	380	3	127
	Through-Right		0							0				0				0	
	Right	166	1	166	0	166	166	11	179	1	179	0	179	1	179	0	179	1	179
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	127	1	127	2	129	129	67	196	1	196	2	198	1	198	0	198	1	198
	Left-Through		1							1				1				1	
	Through	586	3	147	371	957	197	382	975	3	201	371	1346	3	276	118	1464	3	299
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	3	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		166	North-South:		166	North-South:			179	North-South:			179	North-South:			179
		East-West:		147	East-West:		197	East-West:			201	East-West:			276	East-West:			299
		SUM:		313	SUM:		363	SUM:			380	SUM:			455	SUM:			478
VOLUME/CAPACITY (v/c) RATIO:				0.209			0.242				0.253				0.303				0.319
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.139			0.172				0.153				0.203				0.219
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.050 | Δv/c after mitigation: 0.066 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	104	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 2, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	174	2	96	261	435	239	25	201	2	111	261	462	2	254	118	580	2	319
	Left-Through		0							0				0				0	
	Through	236	3	79	354	590	197	252	491	3	164	354	845	3	282	0	845	3	282
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	184	2	101	0	184	101	59	245	2	135	0	245	2	135	0	245	2	135
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	385	3	105	112	497	133	367	757	3	201	112	869	3	229	0	869	3	229
	Through-Right		1							1				1				1	
	Right	36	0	36	0	36	36	9	45	0	45	0	45	0	45	0	45	0	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		197	North-South:		340	North-South:			246	North-South:			389	North-South:			454
		East-West:		105	East-West:		133	East-West:			201	East-West:			229	East-West:			229
		SUM:		302	SUM:		473	SUM:			447	SUM:			618	SUM:			683
VOLUME/CAPACITY (v/c) RATIO:				0.212			0.332				0.314				0.434				0.479
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.142			0.262				0.214				0.334				0.379
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.120 | Δv/c after mitigation: 0.165 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	105	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	23	1	23	101	124	124	1	24	1	24	101	125	1	125	0	125	1	125
	Left-Through		0							0				0				0	
	Through	167	2	84	348	515	258	110	279	2	140	348	627	2	314	0	627	2	314
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	208	2	88	1	209	92	220	431	2	216	1	432	2	216	0	432	2	216
	Through-Right		1							1				1				1	
	Right	56	0	56	11	67	67	159	216	0	216	11	227	0	227	0	227	0	227
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	25	1	25	0	25	25	16	41	1	41	0	41	1	41	0	41	1	41
	Left-Through		0							0				0				0	
	Through	330	3	96	0	330	110	217	551	3	162	0	551	3	184	0	551	3	184
	Through-Right		1							1				1				1	
	Right	52	0	52	166	218	218	45	98	0	98	166	264	0	264	0	264	0	264
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		111	North-South:		258	North-South:			240	North-South:			352	North-South:			352
		East-West:		96	East-West:		218	East-West:			162	East-West:			264	East-West:			264
		SUM:		207	SUM:		476	SUM:			402	SUM:			616	SUM:			616
VOLUME/CAPACITY (V/C) RATIO:				0.138			0.317				0.268				0.411				0.411
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.090			0.247				0.168				0.311				0.311
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.143 — Δv/c after mitigation: 0.143

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	106	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	466	4	108	10	476	110	361	833	3	278	10	843	3	281	0	843	3	281
	Through-Right		1							0				0				0	
	Right	73	0	73	0	73	73	135	209	1	209	0	209	1	209	0	209	1	209
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	167	0	167	0	167	167	35	204	0	204	0	204	0	204	0	204	0	204
	Left-Through		1							1				1				1	
	Through	212	3	71	0	212	71	162	377	3	126	0	377	3	126	0	377	3	126
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		108	North-South:		110	North-South:			278	North-South:			281	North-South:			281
		East-West:		167	East-West:		167	East-West:			204	East-West:			204	East-West:			204
		SUM:		275	SUM:		277	SUM:			482	SUM:			485	SUM:			485
VOLUME/CAPACITY (V/C) RATIO:				0.183			0.185				0.321				0.323				0.323
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.119			0.120				0.221				0.223				0.223
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.002 — Δv/c after mitigation: 0.002

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	107	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	145	1	145	0	145	145	37	184	1	184	0	184	1	184	0	184	1	184
	Left-Through		0							0				0				0	
	Through	511	4	128	539	1050	263	345	862	4	216	539	1401	4	350	0	1401	4	350
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	232	3	77	0	232	77	160	395	3	122	0	395	3	122	0	395	3	122
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	13	93	0	93	0	93	0	93	0	93	0	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		145	North-South:		263	North-South:			216	North-South:			350	North-South:			350
		East-West:		79	East-West:		79	East-West:			122	East-West:			122	East-West:			122
		SUM:		224	SUM:		342	SUM:			338	SUM:			472	SUM:			472
VOLUME/CAPACITY (V/C) RATIO:				0.149			0.228				0.225				0.315				0.315
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.097			0.158				0.125				0.215				0.215
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.090 — Δv/c after mitigation: 0.090

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	108	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	2nd	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	73	2	40	462	535	294	18	92	2	51	462	554	2	305	0	554	2	305
	Left-Through		0							0				0				0	
	Through	365	2	150	623	988	358	200	569	2	221	623	1192	2	429	0	1192	2	429
	Through-Right		1							1				1				1	
	Right	86	0	86	0	86	86	8	95	0	95	0	95	0	95	0	95	0	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	28	2	15	0	28	15	4	32	2	18	0	32	2	18	0	32	2	18
	Left-Through		0							0				0				0	
	Through	302	1	166	0	302	166	0	306	1	168	0	306	1	168	0	306	1	168
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	0	30	0	30	0	30	0	30	0	30	0	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	33	1	33	0	33	33	0	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	161	2	81	0	161	81	20	183	2	92	0	183	2	92	0	183	2	92
	Through-Right		0							0				0				0	
	Right	121	1	81	0	121	0	4	126	1	75	0	126	1	0	0	126	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	56	1	56	0	56	56	0	57	1	57	0	57	1	57	0	57	1	57
	Left-Through		0							0				0				0	
	Through	150	2	75	67	217	109	17	169	2	85	67	236	2	118	0	236	2	118
	Through-Right		0							0				0				0	
	Right	15	1	8	0	15	8	0	15	1	6	0	15	1	6	0	15	1	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		206	North-South:		460	North-South:			239	North-South:			473	North-South:			473
		East-West:		137	East-West:		142	East-West:			149	East-West:			151	East-West:			151
		SUM:		343	SUM:		602	SUM:			388	SUM:			624	SUM:			624
VOLUME/CAPACITY (V/C) RATIO:				0.241			0.422				0.272				0.438				0.438
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.171			0.352				0.172				0.338				0.338
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.166 — Δv/c after mitigation: 0.166

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
109	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	54	1	54	0	54	54	3	58	1	58	0	58	1	58	0	58	1	58
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	187	1	117	0	187	117	36	225	1	146	0	225	1	146	0	225	1	146
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	46	0	46	0	46	46	19	66	0	66	0	66	0	66	0	66	0	66
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	31	1	31	0	31	31	0	31	1	31	0	31	1	31	0	31	1	31
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	122	2	61	0	122	61	59	182	2	91	0	182	2	91	0	182	2	91
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	70	1	53	0	70	53	25	96	1	71	0	96	1	71	0	96	1	71
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	34	1	34	0	34	34	17	51	1	51	0	51	1	51	0	51	1	51
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	145	2	57	0	145	57	153	300	2	109	0	300	2	109	0	300	2	109
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	23	1	23	0	23	23	3	26	1	26	0	26	1	26	0	26	1	26
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	231	2	94	7	238	96	211	445	2	165	7	452	2	168	0	452	2	168
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		148	North-South:		148	North-South:			177	North-South:			177	North-South:			177
	East-West:		128	East-West:		130	East-West:			216	East-West:			219	East-West:			219
	SUM:		276	SUM:		278	SUM:			393	SUM:			396	SUM:			396
VOLUME/CAPACITY (V/C) RATIO:			0.184			0.185				0.262				0.264				0.264
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.120			0.120				0.162				0.164				0.164
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.002 — Δv/c after mitigation: 0.002

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
110	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	83	1	83	0	83	83	0	84	1	84	0	84	1	84	0	84	1	84
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	207	2	104	0	207	104	22	231	2	116	0	231	2	116	0	231	2	116
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	109	1	60	61	170	121	0	110	1	39	61	171	1	100	0	171	1	100
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	70	1	70	0	70	70	41	112	1	112	0	112	1	112	0	112	1	112
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	91	1	65	0	91	65	57	149	1	94	0	149	1	94	0	149	1	94
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	39	0	39	0	39	39	0	39	0	39	0	39	0	39	0	39	0	39
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	55	1	55	469	524	524	4	60	1	60	469	529	1	529	0	529	1	529
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	246	2	123	123	369	185	181	430	2	215	123	553	2	277	0	553	2	277
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	77	1	0	0	77	0	19	97	1	13	0	97	1	13	0	97	1	13
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	49	1	49	0	49	49	21	71	1	71	0	71	1	71	0	71	1	71
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	264	2	112	7	271	115	213	480	2	200	7	487	2	202	0	487	2	202
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	73	0	73	0	73	73	46	120	0	120	0	120	0	120	0	120	0	120
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		174	North-South:		191	North-South:			228	North-South:			228	North-South:			228
	East-West:		172	East-West:		639	East-West:			286	East-West:			731	East-West:			731
	SUM:		346	SUM:		830	SUM:			514	SUM:			959	SUM:			959
VOLUME/CAPACITY (V/C) RATIO:			0.252			0.604				0.374				0.697				0.697
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.182			0.534				0.274				0.597				0.597
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.323 — Δv/c after mitigation: 0.323

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
111	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	11	1	11	0	11	11	29	40	1	40	0	40	1	40	0	40	1	40
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	103	2	52	0	103	52	68	172	2	86	0	172	2	86	0	172	2	86
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	18	1	0	0	18	0	246	264	1	206	0	264	1	232	0	264	1	232
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	23	1	23	0	23	23	103	126	1	126	0	126	1	126	0	126	1	126
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	244	1	160	2	246	161	90	337	1	218	2	339	1	219	0	339	1	219
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	76	0	76	0	76	76	21	98	0	98	0	98	0	98	0	98	0	98
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	82	1	82	184	266	266	0	83	1	83	184	267	1	267	0	267	1	267
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	222	2	111	0	222	111	192	417	2	191	0	417	2	191	0	417	2	191
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	125	0	120	0	125	120	30	157	0	157	0	157	0	157	0	157	0	157
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	94	2	52	0	94	29	11	106	2	58	0	106	2	32	0	106	2	32
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	282	2	130	7	289	145	230	515	2	245	7	522	2	261	0	522	2	261
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	108	0	108	435	543	532	111	220	0	220	435	655	0	592	0	655	0	592
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		171	North-South:		172	North-South:			332	North-South:			358	North-South:			358
	East-West:		212	East-West:		798	East-West:			328	East-West:			859	East-West:			859
	SUM:		383	SUM:		970	SUM:			660	SUM:			1217	SUM:			1217
VOLUME/CAPACITY (V/C) RATIO:			0.269			0.681				0.463				0.854				0.854
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.199			0.611				0.363				0.754				0.754
LEVEL OF SERVICE (LOS):			A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.391 — Δv/c after mitigation: 0.391

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
112	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	113	2	62	373	486	267	198	312	2	172	373	685	2	377	0	685	2	377
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	137	2	38	51	188	66	91	230	2	72	51	281	2	100	0	281	2	100
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	262	2	98	0	262	98	283	548	2	274	0	548	2	274	0	548	2	274
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	31	0	31	0	31	31	286	317	0	231	0	317	0	129	0	317	0	129
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	37	1	37	0	37	37	18	55	1	55	0	55	1	55	0	55	1	55
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	366	3	122	69	435	145	153	523	3	174	69	592	3	197	0	592	3	197
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		62	North-South:		267	North-South:			172	North-South:			377	North-South:			377
	East-West:		135	East-West:		145	East-West:			329	East-West:			329	East-West:			329
	SUM:		197	SUM:		412	SUM:			501	SUM:			706	SUM:			706
VOLUME/CAPACITY (V/C) RATIO:			0.138			0.289				0.352				0.495				0.495
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.090			0.219				0.252				0.395				0.395
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.143 — Δv/c after mitigation: 0.143

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	113	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	22	1	22	69	91	91	0	22	1	22	69	91	1	91	0	91	1	91
	Left-Through		0							0				0				0	
	Through	140	1	83	477	617	321	103	245	1	140	477	722	1	378	0	722	1	378
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	9	34	0	34	0	34	0	34	0	34	0	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	26	1	26	0	26	26	0	26	1	26	0	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	226	2	86	0	226	86	157	386	2	140	0	386	2	140	0	386	2	140
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	57	1	57	35	92	92	26	84	1	84	35	119	1	119	0	119	1	119
	Left-Through		0							0				0				0	
	Through	305	2	107	16	321	113	299	608	2	225	16	624	2	230	0	624	2	230
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	49	66	0	66	0	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	18	1	18	0	18	18	113	131	1	131	0	131	1	131	0	131	1	131
	Left-Through		0							0				0				0	
	Through	288	2	104	0	288	104	172	463	2	162	0	463	2	162	0	463	2	162
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	109		North-South:	347		North-South:		166		North-South:		404		North-South:		404
			East-West:	161		East-West:	196		East-West:		356		East-West:		361		East-West:		361
			SUM:	270		SUM:	543		SUM:		522		SUM:		765		SUM:		765
	VOLUME/CAPACITY (v/c) RATIO:			0.189			0.381				0.366				0.537				0.537
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.123			0.311				0.266				0.437				0.437
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.171 — Δv/c after mitigation: 0.171

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	114	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	0	12	0	12	12	2	14	0	14	0	14	0	14	0	14	0	14
	Left-Through		1							1				1				1	
	Through	245	3	64	10	255	67	472	720	2	245	10	730	2	248	0	730	2	248
	Through-Right		0							0				0				0	
	Right	64	1	42	0	64	42	83	148	1	126	0	148	1	126	0	148	1	126
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	280	2	99	16	296	105	238	521	2	187	16	537	2	193	0	537	2	193
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	23	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	1	14	0	14	14	12	26	1	26	0	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	199	2	66	0	199	66	192	393	2	131	0	393	2	131	0	393	2	131
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	64		North-South:	67		North-South:		245		North-South:		248		North-South:		248
			East-West:	113		East-West:	119		East-West:		213		East-West:		219		East-West:		219
			SUM:	177		SUM:	186		SUM:		458		SUM:		467		SUM:		467
	VOLUME/CAPACITY (v/c) RATIO:			0.124			0.131				0.321				0.328				0.328
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.081			0.085				0.221				0.228				0.228
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.007 — Δv/c after mitigation: 0.007

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	115	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	37	0	37	0	37	37	23	60	0	60	0	60	0	60	0	60	0	60
	Left-Through		1							1				1				1	
	Through	275	2	92	579	854	236	351	629	2	190	580	1209	2	335	0	1209	2	335
	Through-Right		1							1				1				1	
	Right	54	0	92	0	54	236	15	70	0	190	0	70	0	335	0	70	0	335
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	1	34	16	50	50	130	164	1	164	17	181	1	181	0	181	1	181
	Left-Through		0							0				0				0	
	Through	317	3	106	0	317	106	110	431	3	144	0	431	3	144	0	431	3	144
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	232	2	84	0	232	84	181	416	2	146	0	416	2	146	0	416	2	146
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	2	21	0	21	0	21	0	21	0	21	0	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	92		North-South:	236		North-South:		190		North-South:		335		North-South:		335
			East-West:	118		East-West:	134		East-West:		310		East-West:		327		East-West:		327
			SUM:	210		SUM:	370		SUM:		500		SUM:		662		SUM:		662
	VOLUME/CAPACITY (v/c) RATIO:			0.147			0.260				0.351				0.465				0.465
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.096			0.190				0.251				0.365				0.365
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.114 — Δv/c after mitigation: 0.114

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	116	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Temple/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	58	1	58	0	58	58	0	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	93	1	93	469	562	330	72	166	1	132	469	635	1	367	0	635	1	367
	Through-Right		1							1				1				1	
	Right	97	0	76	0	97	97	0	98	0	98	0	98	0	98	0	98	0	98
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	75	1	75	0	75	75	45	121	1	121	0	121	1	121	0	121	1	121
	Left-Through		0							0				0				0	
	Through	68	1	53	0	68	53	56	125	1	81	0	125	1	81	0	125	1	81
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	117	1	117	0	117	117	21	139	1	139	0	139	1	139	0	139	1	139
	Left-Through		0							0				0				0	
	Through	234	1	140	0	234	140	64	301	1	193	0	301	1	193	0	301	1	193
	Through-Right		1							1				1				1	
	Right	45	0	45	0	45	45	39	85	0	85	0	85	0	85	0	85	0	85
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	43	1	43	0	43	43	3	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	335	2	168	0	335	168	40	379	2	190	0	379	2	190	0	379	2	190
	Through-Right		1							1				1				1	
	Right	89	1	52	0	89	52	42	132	1	72	0	132	1	72	0	132	1	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	168		North-South:	405		North-South:		253		North-South:		488		North-South:		488
			East-West:	285		East-West:	285		East-West:		329		East-West:		329		East-West:		329
			SUM:	453		SUM:	690		SUM:		582		SUM:		817		SUM:		817
	VOLUME/CAPACITY (v/c) RATIO:			0.318			0.484				0.408				0.573				0.573
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.248			0.414				0.308				0.473				0.473
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.165 — Δv/c after mitigation: 0.165

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	117	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Aliso	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	385	3	128	149	534	178	313	703	3	234	149	852	3	284	0	852	3	284
	Through-Right		0							0				0				0	
	Right	103	1	103	445	548	548	168	272	1	272	445	717	1	717	0	717	1	717
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	49	0	49	0	49	49	54	104	0	104	0	104	0	104	0	104	0	104
	Left-Through		1							1				1				1	
	Through	415	2	155	0	415	155	259	679	2	261	0	679	2	261	0	679	2	261
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		128	North-South:		548	North-South:			272	North-South:			717	North-South:			717
		East-West:		155	East-West:		155	East-West:			261	East-West:			261	East-West:			261
		SUM:		283	SUM:		703	SUM:			533	SUM:			978	SUM:			978
VOLUME/CAPACITY (V/C) RATIO:				0.189			0.469				0.355				0.652				0.652
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.123			0.399				0.255				0.552				0.552
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.297 | Δv/c after mitigation: 0.297

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	118	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Aliso	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	106	2	53	0	106	53	5	112	2	56	0	112	2	56	0	112	2	56
	Through-Right		0							0				0				0	
	Right	8	1	8	0	8	8	48	56	1	56	0	56	1	56	0	56	1	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	137	0	137	0	137	137	0	139	0	139	0	139	0	139	0	139	0	139
	Left-Through		1							1				1				1	
	Through	275	2	137	0	275	137	38	316	2	152	0	316	2	152	0	316	2	152
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	10	0	10	0	10	10	42	52	0	52	0	52	0	52	0	52	0	52
	Left-Through		1							1				1				1	
	Through	474	2	130	445	919	241	324	804	2	238	445	1249	2	349	0	1249	2	349
	Through-Right		1							1				1				1	
	Right	35	0	130	0	35	241	60	95	0	238	0	95	0	349	0	95	0	349
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		190	North-South:		190	North-South:			195	North-South:			195	North-South:			195
		East-West:		130	East-West:		241	East-West:			238	East-West:			349	East-West:			349
		SUM:		320	SUM:		431	SUM:			433	SUM:			544	SUM:			544
VOLUME/CAPACITY (V/C) RATIO:				0.213			0.287				0.289				0.363				0.363
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.143			0.217				0.189				0.263				0.263
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.074 | Δv/c after mitigation: 0.074

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	119	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	I-110 On-Ramp/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	230	1	230	618	848	848	166	399	1	399	618	1017	1	1017	0	1017	1	1017
	Left-Through		0							0				0				0	
	Through	134	2	67	4	138	69	83	219	2	110	4	223	2	112	0	223	2	112
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	216	2	108	0	216	108	131	350	2	175	0	350	2	175	0	350	2	175
	Through-Right		0							0				0				0	
	Right	220	1	220	0	220	220	120	343	1	343	0	343	1	343	0	343	1	343
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	29	0	29	0	29	29	28	57	0	57	0	57	0	57	0	57	0	57
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	94	1	0	2	96	0	129	224	1	0	2	226	1	0	0	226	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		450	North-South:		1068	North-South:			742	North-South:			1360	North-South:			1360
		East-West:		29	East-West:		29	East-West:			57	East-West:			57	East-West:			57
		SUM:		479	SUM:		1097	SUM:			799	SUM:			1417	SUM:			1417
VOLUME/CAPACITY (V/C) RATIO:				0.336			0.770				0.561				0.994				0.994
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.266			0.700				0.461				0.894				0.894
LEVEL OF SERVICE (LOS):				A			B				A				D				D

PROJECT IMPACT

Change in v/c due to project: 0.433 | Δv/c after mitigation: 0.433

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	120	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Sunset	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	120	0	120	0	120	120	0	121	0	121	0	121	0	121	0	121	0	121
	Left-Through		0							0				0				0	
	Through	81	0	272	0	81	272	27	109	0	326	0	109	0	326	0	109	0	326
	Through-Right		0							0				0				0	
	Right	71	0	0	0	71	0	24	96	0	0	0	96	0	0	0	96	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	22	0	22	0	22	22	48	70	0	70	0	70	0	70	0	70	0	70
	Left-Through		1							1				1				1	
	Through	109	1	66	0	109	66	69	179	1	125	0	179	1	125	0	179	1	125
	Through-Right		0							0				0				0	
	Right	17	1	0	0	17	0	7	24	1	0	0	24	1	0	0	24	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	56	1	56	0	56	56	0	57	1	57	0	57	1	57	0	57	1	57
	Left-Through		0							0				0				0	
	Through	1155	2	476	0	1155	476	93	1262	2	513	0	1262	2	513	0	1262	2	513
	Through-Right		1							1				1				1	
	Right	274	0	274	0	274	274	0	277	0	277	0	277	0	277	0	277	0	277
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	112	1	112	0	112	112	38	151	1	151	0	151	1	151	0	151	1	151
	Left-Through		0							0				0				0	
	Through	844	2	289	35	879	300	91	945	2	322	35	980	2	334	0	980	2	334
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		294	North-South:		294	North-South:			396	North-South:			396	North-South:			396
		East-West:		588	East-West:		588	East-West:			664	East-West:			664	East-West:			664
		SUM:		882	SUM:		882	SUM:			1060	SUM:			1060	SUM:			1060
VOLUME/CAPACITY (V/C) RATIO:				0.588			0.588				0.707				0.707				0.707
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.518			0.518				0.607				0.607				0.607
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	121	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		2
Override Capacity		0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	100	1	**100**	31	131	**131**	6	107	1	107	31	138	1	138	0	138	1	138
	Left-Through		0							0				0				0	
	Through	252	2	126	0	252	126	166	421	2	**211**	0	421	2	**211**	0	421	2	**211**
	Through-Right		0							0				0				0	
	Right	166	1	116	0	166	116	16	184	1	133	0	184	1	133	0	184	1	133
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	58	1	58	0	58	58	0	59	1	**59**	0	59	1	**59**	0	59	1	**59**
	Left-Through		0							0				0				0	
	Through	170	2	**85**	0	170	**85**	30	202	2	101	0	202	2	101	0	202	2	101
	Through-Right		0							0				0				0	
	Right	71	1	18	0	71	18	0	72	1	15	0	72	1	15	0	72	1	15
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	107	1	107	0	107	107	7	115	1	115	0	115	1	115	0	115	1	115
	Left-Through		0							0				0				0	
	Through	943	2	**408**	0	943	**408**	154	1108	2	**465**	0	1108	2	**465**	0	1108	2	**465**
	Through-Right		1							1				1				1	
	Right	282	0	282	0	282	282	3	288	0	288	0	288	0	288	0	288	0	288
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	101	1	**101**	0	101	**101**	0	102	1	**102**	0	102	1	**102**	0	102	1	**102**
	Left-Through		0							0				0				0	
	Through	840	2	304	4	844	305	122	972	2	373	4	976	2	375	0	976	2	375
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	76	148	0	148	0	148	0	148	0	148	0	148
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		185	*North-South:*		216	*North-South:*			270	*North-South:*			270	*North-South:*			270
		East-West:		509	*East-West:*		509	*East-West:*			567	*East-West:*			567	*East-West:*			567
		SUM:		694	*SUM:*		725	*SUM:*			837	*SUM:*			837	*SUM:*			837
VOLUME/CAPACITY (*V/C*) RATIO:				0.505			0.527				0.609				0.609				0.609
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.435**			**0.457**				**0.509**				**0.509**				**0.509**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — *Δv/c* after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	122	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/17/2012
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	3	0	3	0
ATSAC-1 or ATSAC+ATCS-2?		1		1
Override Capacity		0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	84	1	**84**	4	88	**88**	29	114	1	**114**	4	118	1	**118**	0	118	1	**118**
	Left-Through		0							0				0				0	
	Through	40	1	40	0	40	40	70	110	1	110	0	110	1	110	0	110	1	110
	Through-Right		0							0				0				0	
	Right	43	1	0	0	43	0	11	55	1	0	0	55	1	0	0	55	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	56	1	**56**	0	56	**56**	137	194	1	**194**	0	194	1	**194**	0	194	1	**194**
	Through-Right		0							0				0				0	
	Right	10	1	3	0	10	3	0	10	1	3	0	10	1	3	0	10	1	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	14	1	14	0	14	14	0	14	1	14	0	14	1	14	0	14	1	14
	Left-Through		0							0				0				0	
	Through	370	2	**185**	0	370	**185**	142	516	2	**258**	0	516	2	**258**	0	516	2	**258**
	Through-Right		0							0				0				0	
	Right	145	1	103	0	145	101	29	176	1	119	0	176	1	117	0	176	1	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	153	2	**84**	0	153	**84**	84	239	2	**131**	0	239	2	**131**	0	239	2	**131**
	Left-Through		0							0				0				0	
	Through	454	2	156	0	454	202	105	564	2	193	0	564	2	240	0	564	2	240
	Through-Right		1							1				1				1	
	Right	14	0	14	139	153	153	0	14	0	14	141	155	0	155	0	155	0	155
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		140	*North-South:*		144	*North-South:*			308	*North-South:*			312	*North-South:*			312
		East-West:		269	*East-West:*		269	*East-West:*			389	*East-West:*			389	*East-West:*			389
		SUM:		409	*SUM:*		413	*SUM:*			697	*SUM:*			701	*SUM:*			701
VOLUME/CAPACITY (*V/C*) RATIO:				0.287			0.290				0.489				0.492				0.492
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.217**			**0.220**				**0.389**				**0.392**				**0.392**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: 0.003 — *Δv/c* after mitigation: 0.003

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	123	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	1	0
ATSAC-1 or ATSAC+ATCS-2?		1		2
Override Capacity		0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	3	1	**3**	0	3	**3**	0	3	1	**3**	0	3	1	**3**	0	3	1	**3**
	Left-Through		0							0				0				0	
	Through	6	1	6	0	6	6	0	6	1	6	0	6	1	6	0	6	1	6
	Through-Right		0							0				0				0	
	Right	27	1	0	0	27	0	0	27	1	0	0	27	1	0	0	27	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through		0							0				0				0	
	Through	56	0	**139**	6	62	**145**	262	319	0	**433**	6	325	0	**439**	0	325	0	**439**
	Through-Right		0							0				0				0	
	Right	65	0	0	0	65	0	30	96	0	0	0	96	0	0	0	96	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	732	2	**366**	0	732	**366**	75	816	2	**408**	0	816	2	**408**	0	816	2	**408**
	Through-Right		0							0				0				0	
	Right	129	1	0	0	129	0	19	150	1	0	0	150	1	0	0	150	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	227	2	**125**	0	227	**125**	11	241	2	**133**	0	241	2	**133**	0	241	2	**133**
	Left-Through		0							0				0				0	
	Through	993	2	350	0	993	350	103	1108	2	388	0	1108	2	388	0	1108	2	388
	Through-Right		1							1				1				1	
	Right	56	0	56	0	56	56	0	57	0	57	0	57	0	57	0	57	0	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		142	*North-South:*		148	*North-South:*			436	*North-South:*			442	*North-South:*			442
		East-West:		491	*East-West:*		491	*East-West:*			541	*East-West:*			541	*East-West:*			541
		SUM:		633	*SUM:*		639	*SUM:*			977	*SUM:*			983	*SUM:*			983
VOLUME/CAPACITY (*V/C*) RATIO:				0.444			0.448				0.686				0.690				0.690
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.374**			**0.378**				**0.586**				**0.590**				**0.590**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: 0.004 — *Δv/c* after mitigation: 0.004

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	124	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		2
Override Capacity		0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	128	1	93	0	128	128	19	149	1	149	0	149	1	149	0	149	1	149
	Left-Through		1							1				1				1	
	Through	150	1	93	149	299	150	312	464	1	**222**	149	613	1	**272**	0	613	1	**272**
	Through-Right		1							1				1				1	
	Right	185	0	**185**	0	185	**185**	16	203	0	203	0	203	0	203	0	203	0	203
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	57	1	**57**	0	57	**57**	0	58	1	**58**	0	58	1	**58**	0	58	1	**58**
	Left-Through		0							0				0				0	
	Through	756	2	378	0	756	378	75	840	2	420	0	840	2	420	0	840	2	420
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1088	1	**560**	0	1088	**560**	94	1195	1	**641**	0	1195	1	**641**	0	1195	1	**641**
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	56	87	0	87	0	87	0	87	0	87	0	87
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		185	*North-South:*		185	*North-South:*			222	*North-South:*			272	*North-South:*			272
		East-West:		617	*East-West:*		617	*East-West:*			699	*East-West:*			699	*East-West:*			699
		SUM:		802	*SUM:*		802	*SUM:*			921	*SUM:*			971	*SUM:*			971
VOLUME/CAPACITY (*V/C*) RATIO:				0.535			0.535				0.614				0.647				0.647
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.465**			**0.465**				**0.514**				**0.547**				**0.547**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: 0.033 — *Δv/c* after mitigation: 0.033

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	125	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	185	1	185	0	185	185	0	187	1	187	0	187	1	187	0	187	1	187
	Left-Through		0							0				0				0	
	Through	375	2	162	0	375	162	114	494	2	202	0	494	2	202	0	494	2	202
	Through-Right		1							1				1				1	
	Right	112	0	112	0	112	112	0	113	0	113	0	113	0	113	0	113	0	113
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	85	1	85	0	85	85	9	95	1	95	0	95	1	95	0	95	1	95
	Left-Through		0							0				0				0	
	Through	760	2	296	0	760	296	129	898	2	342	0	898	2	342	0	898	2	342
	Through-Right		1							1				1				1	
	Right	127	0	127	0	127	127	0	129	0	129	0	129	0	129	0	129	0	129
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	76	1	76	0	76	76	0	77	1	77	0	77	1	77	0	77	1	77
	Left-Through		0							0				0				0	
	Through	532	2	266	0	532	266	91	629	2	315	0	629	2	315	0	629	2	315
	Through-Right		0							0				0				0	
	Right	336	1	151	0	336	151	0	340	1	153	0	340	1	153	0	340	1	153
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	187	1	187	0	187	187	0	189	1	189	0	189	1	189	0	189	1	189
	Left-Through		0							0				0				0	
	Through	820	2	289	0	820	289	108	938	2	329	0	938	2	329	0	938	2	329
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	0	48	0	48	0	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		481	North-South:		481	North-South:			529	North-South:			529	North-South:			529
		East-West:		453	East-West:		453	East-West:			504	East-West:			504	East-West:			504
		SUM:		934	SUM:		934	SUM:			1033	SUM:			1033	SUM:			1033
VOLUME/CAPACITY (V/C) RATIO:				0.679			0.679				0.751				0.751				0.751
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.609			0.609				0.651				0.651				0.651
LEVEL OF SERVICE (LOS):				B			B				B				B				B

NB--	0	SB--	EB--	3	WB--	ATSAC-1 or ATSAC+ATCS-2?	1	Override Capacity	0

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	126	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	1	1	1	0	1	1	63	64	1	64	0	64	1	64	0	64	1	64
	Left-Through		0							0				0				0	
	Through	124	1	65	82	206	106	223	348	1	177	83	431	1	219	0	431	1	219
	Through-Right		1							1				1				1	
	Right	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	46	1	46	0	46	46	0	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	158	1	102	0	158	102	0	160	1	116	0	160	1	116	0	160	1	116
	Through-Right		1							1				1				1	
	Right	45	0	45	0	45	45	25	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	50	1	50	0	50	50	18	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	124	1	70	0	124	70	62	187	1	101	0	187	1	101	0	187	1	101
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	170	1	106	0	170	106	27	199	1	120	0	199	1	120	0	199	1	120
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		111	North-South:		152	North-South:			224	North-South:			266	North-South:			266
		East-West:		156	East-West:		156	East-West:			189	East-West:			189	East-West:			189
		SUM:		267	SUM:		308	SUM:			413	SUM:			455	SUM:			455
VOLUME/CAPACITY (V/C) RATIO:				0.187			0.216				0.290				0.319				0.319
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.122			0.146				0.190				0.219				0.219
LEVEL OF SERVICE (LOS):				A			A				A				A				A

NB--	0	SB--	EB--	0	WB--	ATSAC-1 or ATSAC+ATCS-2?	1	Override Capacity	0

PROJECT IMPACT

Change in v/c due to project: 0.029 | Δv/c after mitigation: 0.029

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	127	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	43	1	43	0	43	43	35	79	1	79	0	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	172	2	86	67	239	120	52	226	2	113	67	293	2	147	0	293	2	147
	Through-Right		0							0				0				0	
	Right	35	1	13	0	35	13	18	53	1	0	0	53	1	0	0	53	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	24	1	24	0	24	24	11	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	194	2	89	0	194	89	34	230	2	101	0	230	2	101	0	230	2	101
	Through-Right		1							1				1				1	
	Right	73	0	73	0	73	73	0	74	0	74	0	74	0	74	0	74	0	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	33	1	33	0	33	33	0	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	27	1	27	0	27	27	29	56	1	56	0	56	1	56	0	56	1	56
	Through-Right		1							1				1				1	
	Right	62	0	41	0	62	41	23	86	0	47	0	86	0	47	0	86	0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	1	22	0	22	22	50	72	1	72	0	72	1	72	0	72	1	72
	Left-Through		0							0				0				0	
	Through	55	2	28	0	55	28	167	223	2	112	0	223	2	112	0	223	2	112
	Through-Right		0							0				0				0	
	Right	72	1	60	0	72	60	25	98	1	81	0	98	1	81	0	98	1	81
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		132	North-South:		144	North-South:			180	North-South:			182	North-South:			182
		East-West:		93	East-West:		93	East-West:			145	East-West:			145	East-West:			145
		SUM:		225	SUM:		237	SUM:			325	SUM:			327	SUM:			327
VOLUME/CAPACITY (V/C) RATIO:				0.158			0.166				0.228				0.229				0.229
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.103			0.108				0.128				0.129				0.129
LEVEL OF SERVICE (LOS):				A			A				A				A				A

NB--	3	SB--	EB--	0	WB--	ATSAC-1 or ATSAC+ATCS-2?	1	Override Capacity	0

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	128	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	18	1	18	0	18	18	0	18	1	18	0	18	1	18	0	18	1	18
	Left-Through		0							0				0				0	
	Through	287	1	153	509	796	407	120	410	1	214	509	919	1	469	0	919	1	469
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	74	1	74	0	74	74	79	154	1	154	0	154	1	154	0	154	1	154
	Left-Through		0							0				0				0	
	Through	403	1	220	0	403	220	136	544	1	291	0	544	1	291	0	544	1	291
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	30	0	30	0	30	30	0	30	0	30	0	30	0	30	0	30	0	30
	Left-Through		1							1				1				1	
	Through	111	1	75	0	111	75	0	112	1	91	0	112	1	91	0	112	1	91
	Through-Right		1							1				1				1	
	Right	9	0	75	0	9	75	0	9	0	91	0	9	0	91	0	9	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	40	0	40	0	40	40	0	40	0	40	0	40	0	40	0	40	0	40
	Left-Through		1							1				1				1	
	Through	100	0	133	0	100	133	0	101	0	141	0	101	0	141	0	101	0	141
	Through-Right		1							1				1				1	
	Right	125	0	133	0	125	133	97	224	0	147	0	224	0	147	0	224	0	147
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		238	North-South:		481	North-South:			368	North-South:			623	North-South:			623
		East-West:		163	East-West:		163	East-West:			177	East-West:			177	East-West:			177
		SUM:		401	SUM:		644	SUM:			545	SUM:			800	SUM:			800
VOLUME/CAPACITY (V/C) RATIO:				0.267			0.429				0.363				0.533				0.533
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.197			0.359				0.263				0.433				0.433
LEVEL OF SERVICE (LOS):				A			A				A				A				A

NB--	0	SB--	EB--	0	WB--	ATSAC-1 or ATSAC+ATCS-2?	1	Override Capacity	0

PROJECT IMPACT

Change in v/c due to project: 0.170 | Δv/c after mitigation: 0.170

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
129	East-West Street:	College	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--		0	NB-- 0	SB--		0	NB--	SB--		0	NB--	SB--		0	NB--	SB--		0	NB--	SB--		0
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB--	WB--		0	EB--	WB--		0	EB--	WB--		0	EB--	WB--		0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	15	1	15	0	15	15	0	15	1	15	0	15	1	15	0	15	1	15
	Left-Through		0							0				0				0	
	Through	385	1	**233**	509	894	**487**	217	607	1	**344**	509	1116	1	**599**	0	1116	1	**599**
	Through-Right		1							1				1				1	
	Right	80	0	80	0	80	80	0	81	0	81	0	81	0	81	0	81	0	81
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	146	1	**146**	0	146	**146**	57	205	1	**205**	0	205	1	**205**	0	205	1	**205**
	Left-Through		0							0				0				0	
	Through	460	1	252	0	460	252	215	681	1	363	0	681	1	363	0	681	1	363
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	75	0	**75**	0	75	**75**	0	76	0	**76**	0	76	0	**76**	0	76	0	**76**
	Left-Through		1							1				1				1	
	Through	106	0	105	0	106	105	0	107	0	106	0	107	0	106	0	107	0	106
	Through-Right		1							1				1				1	
	Right	28	0	105	0	28	105	0	28	0	106	0	28	0	106	0	28	0	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through		1							1				1				1	
	Through	111	0	**119**	0	111	**119**	0	112	0	**156**	0	112	0	**156**	0	112	0	**156**
	Through-Right		1							1				1				1	
	Right	83	0	119	0	83	119	75	159	0	57	0	159	0	57	0	159	0	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		379	North-South:		633	North-South:			549	North-South:			804	North-South:			804
		East-West:		194	East-West:		194	East-West:			232	East-West:			232	East-West:			232
		SUM:		573	SUM:		827	SUM:			781	SUM:			1036	SUM:			1036
VOLUME/CAPACITY (V/C) RATIO:				0.382			0.551				0.521				0.691				0.691
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.312			0.481				0.421				0.591				0.591
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.170 | Δv/c after mitigation: 0.170
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Sunset	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
130	East-West Street:	Elysian Park	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--		0	NB-- 3	SB--		0	NB--	SB--		0	NB--	SB--		0	NB--	SB--		0	NB--	SB--		0
	EB-- 0	WB--		3	EB-- 0	WB--		3	EB--	WB--		3	EB--	WB--		3	EB--	WB--		3	EB--	WB--		3
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	835	2	**418**	35	870	**435**	97	942	2	**471**	35	977	2	**489**	0	977	2	**489**
	Through-Right		1							1				1				1	
	Right	58	1	0	0	58	0	0	59	1	0	0	59	1	0	0	59	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	55	1	**55**	0	55	**55**	0	56	1	**56**	0	56	1	**56**	0	56	1	**56**
	Left-Through		0							0				0				0	
	Through	516	2	258	0	516	258	93	615	2	308	0	615	2	308	0	615	2	308
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	959	2	**527**	0	959	**527**	0	971	2	**534**	0	971	2	**534**	0	971	2	**534**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	568	2	257	0	568	257	0	575	2	260	0	575	2	260	0	575	2	260
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		473	North-South:		490	North-South:			527	North-South:			545	North-South:			545
		East-West:		527	East-West:		527	East-West:			534	East-West:			534	East-West:			534
		SUM:		1000	SUM:		1017	SUM:			1061	SUM:			1079	SUM:			1079
VOLUME/CAPACITY (V/C) RATIO:				0.702			0.714				0.745				0.757				0.757
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.632			0.644				0.645				0.657				0.657
LEVEL OF SERVICE (LOS):				B			B				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.012 | Δv/c after mitigation: 0.012
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
131	East-West Street:	Bellevue	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--		0	NB-- 0	SB--		0	NB--	SB--		0	NB--	SB--		0	NB--	SB--		0	NB--	SB--		0
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB--	WB--		0	EB--	WB--		0	EB--	WB--		0	EB--	WB--		0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	490	2	245	263	753	377	76	572	2	286	263	835	2	418	0	835	2	418
	Through-Right		0							0				0				0	
	Right	188	1	104	337	525	**441**	66	256	1	165	337	593	1	**502**	0	593	1	**502**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	89	1	89	0	89	**89**	0	90	1	90	0	90	1	**90**	0	90	1	**90**
	Left-Through		0							0				0				0	
	Through	691	2	**346**	3	694	347	93	792	2	**396**	3	795	2	398	0	795	2	398
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	307	2	**169**	0	307	**169**	19	330	2	**182**	0	330	2	**182**	0	330	2	**182**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	128	1	84	0	128	84	0	130	1	85	0	130	1	85	0	130	1	85
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		346	North-South:		530	North-South:			396	North-South:			592	North-South:			592
		East-West:		169	East-West:		169	East-West:			182	East-West:			182	East-West:			182
		SUM:		515	SUM:		699	SUM:			578	SUM:			774	SUM:			774
VOLUME/CAPACITY (V/C) RATIO:				0.361			0.491				0.406				0.543				0.543
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.291			0.421				0.306				0.443				0.443
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.137 | Δv/c after mitigation: 0.137
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
132	East-West Street:	Temple	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--		0	NB-- 0	SB--		0	NB--	SB--		0	NB--	SB--		0	NB--	SB--		0	NB--	SB--		0
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB--	WB--		0	EB--	WB--		0	EB--	WB--		0	EB--	WB--		0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	1	**55**	0	55	55	4	60	1	**60**	0	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	425	1	218	600	1025	**518**	117	547	1	279	600	1147	1	**579**	0	1147	1	**579**
	Through-Right		1							1				1				1	
	Right	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	77	1	77	0	77	**77**	0	78	1	78	0	78	1	**78**	0	78	1	**78**
	Left-Through		0							0				0				0	
	Through	471	1	**314**	3	474	315	133	610	1	**395**	3	613	1	397	0	613	1	397
	Through-Right		1							1				1				1	
	Right	156	0	156	0	156	156	22	180	0	180	0	180	0	180	0	180	0	180
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	194	1	**194**	0	194	**194**	2	198	1	**198**	0	198	1	**198**	0	198	1	**198**
	Left-Through		0							0				0				0	
	Through	219	1	133	0	219	133	45	267	1	169	0	267	1	169	0	267	1	169
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	22	70	0	70	0	70	0	70	0	70	0	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	18	1	18	0	18	18	0	18	1	18	0	18	1	18	0	18	1	18
	Left-Through		0							0				0				0	
	Through	291	1	**193**	0	291	**193**	28	323	1	**221**	0	323	1	**221**	0	323	1	**221**
	Through-Right		1							1				1				1	
	Right	94	0	94	0	94	94	23	118	0	118	0	118	0	118	0	118	0	118
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		369	North-South:		595	North-South:			455	North-South:			657	North-South:			657
		East-West:		387	East-West:		387	East-West:			419	East-West:			419	East-West:			419
		SUM:		756	SUM:		982	SUM:			874	SUM:			1076	SUM:			1076
VOLUME/CAPACITY (V/C) RATIO:				0.531			0.689				0.613				0.755				0.755
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.461			0.619				0.513				0.655				0.655
LEVEL OF SERVICE (LOS):				A			B				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.142 | Δv/c after mitigation: 0.142
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
133	East-West Street:	US 101 NB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	275	1	275	89	364	364	4	282	1	282	89	371	1	371	0	371	1	371
	Left-Through		0							0				0				0	
	Through	696	3	232	18	714	238	128	832	3	277	18	850	3	283	0	850	3	283
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	807	2	370	0	807	370	64	881	2	425	0	881	2	425	0	881	2	425
	Through-Right		1							1				1				1	
	Right	303	0	303	0	303	303	86	393	0	393	0	393	0	393	0	393	0	393
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	173	1	124	0	173	124	17	192	1	139	0	192	1	139	0	192	1	139
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	74	0	124	0	74	124	11	86	0	139	0	86	0	139	0	86	0	139
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
	CRITICAL VOLUMES	North-South:		645	North-South:		734	North-South:			707	North-South:			796	North-South:			796
		East-West:		124	East-West:		124	East-West:			139	East-West:			139	East-West:			139
		SUM:		769	SUM:		858	SUM:			846	SUM:			935	SUM:			935
	VOLUME/CAPACITY (V/C) RATIO:			0.540			0.602				0.594				0.656				0.656
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.470			0.532				0.494				0.556				0.556
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.062 | Δv/c after mitigation: 0.062

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
134	East-West Street:	US 101 SB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	686	2	312	107	793	347	70	764	2	340	107	871	2	375	0	871	2	375
	Through-Right		1							1				1				1	
	Right	249	0	249	0	249	249	3	255	0	255	0	255	0	255	0	255	0	255
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	147	0	147	0	147	147	20	169	0	169	0	169	0	169	0	169	0	169
	Left-Through		1							1				1				1	
	Through	824	2	412	0	824	412	93	927	2	464	0	927	2	464	0	927	2	464
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	228	1	228	0	228	228	88	319	1	319	0	319	1	319	0	319	1	319
	Left-Through		0							0				0				0	
	Through	4	0	0	0	4	0	0	4	0	0	0	4	0	0	0	4	0	0
	Through-Right		0							0				0				0	
	Right	181	1	181	0	181	181	6	189	1	189	0	189	1	189	0	189	1	189
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		459	North-South:		494	North-South:			509	North-South:			544	North-South:			544
		East-West:		228	East-West:		228	East-West:			319	East-West:			319	East-West:			319
		SUM:		687	SUM:		722	SUM:			828	SUM:			863	SUM:			863
	VOLUME/CAPACITY (V/C) RATIO:			0.458			0.481				0.552				0.575				0.575
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.388			0.411				0.452				0.475				0.475
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.023 | Δv/c after mitigation: 0.023

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
135	East-West Street:	Beverly	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through		1							1				1				1	
	Through	770	1	316	107	877	352	67	846	1	364	107	953	1	400	0	953	1	400
	Through-Right		1							1				1				1	
	Right	50	0	316	0	50	352	4	55	0	364	0	55	0	400	0	55	0	400
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	Left-Through		1							1				1				1	
	Through	844	1	474	0	844	474	82	936	1	520	0	936	1	546	0	936	1	546
	Through-Right		0							0				0				0	
	Right	97	1	58	0	97	58	0	98	1	58	0	98	1	58	0	98	1	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	79	1	79	0	79	79	0	80	1	80	0	80	1	80	0	80	1	80
	Left-Through		0							0				0				0	
	Through	277	2	112	0	277	112	167	447	2	169	0	447	2	169	0	447	2	169
	Through-Right		1							1				1				1	
	Right	58	0	58	0	58	58	0	59	0	59	0	59	0	59	0	59	0	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	66	1	66	0	66	66	0	67	1	67	0	67	1	67	0	67	1	67
	Left-Through		0							0				0				0	
	Through	324	2	123	0	324	123	228	556	2	201	0	556	2	201	0	556	2	201
	Through-Right		1							1				1				1	
	Right	46	0	46	0	46	46	0	47	0	47	0	47	0	47	0	47	0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		506	North-South:		506	North-South:			552	North-South:			578	North-South:			578
		East-West:		202	East-West:		202	East-West:			281	East-West:			281	East-West:			281
		SUM:		708	SUM:		708	SUM:			833	SUM:			859	SUM:			859
	VOLUME/CAPACITY (V/C) RATIO:			0.472			0.472				0.555				0.573				0.573
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.402			0.402				0.455				0.473				0.473
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.018 | Δv/c after mitigation: 0.018

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
136	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	75	1	75	0	75	75	8	84	1	84	0	84	1	84	0	84	1	84
	Left-Through		0							0				0				0	
	Through	1054	2	370	64	1118	391	224	1291	2	451	64	1355	2	472	0	1355	2	472
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	6	62	0	62	0	62	0	62	0	62	0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	69	1	69	0	69	69	0	70	1	70	0	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	955	2	348	0	955	348	196	1163	2	419	0	1163	2	419	0	1163	2	419
	Through-Right		1							1				1				1	
	Right	89	0	89	0	89	89	5	95	0	95	0	95	0	95	0	95	0	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	86	1	86	0	86	86	5	92	1	92	0	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	393	1	239	0	393	239	173	571	1	331	0	571	1	331	0	571	1	331
	Through-Right		1							1				1				1	
	Right	84	0	84	0	84	84	5	90	0	90	0	90	0	90	0	90	0	90
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	84	1	84	0	84	84	7	92	1	92	0	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	418	2	209	0	418	209	165	588	2	294	0	588	2	294	0	588	2	294
	Through-Right		0							0				0				0	
	Right	79	1	45	0	79	45	0	80	1	45	0	80	1	45	0	80	1	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		439	North-South:		460	North-South:			521	North-South:			542	North-South:			542
		East-West:		323	East-West:		323	East-West:			423	East-West:			423	East-West:			423
		SUM:		762	SUM:		783	SUM:			944	SUM:			965	SUM:			965
	VOLUME/CAPACITY (V/C) RATIO:			0.508			0.522				0.629				0.643				0.643
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.438			0.452				0.529				0.543				0.543
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.014 | Δv/c after mitigation: 0.014

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
137	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	709	1	338	82	791	365	80	798	1	375	82	880	1	402	0	880	1	402
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	132	0	338	0	132	365	16	150	0	375	0	150	0	402	0	150	0	402
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	787	1	333	0	787	333	61	857	1	362	0	857	1	381	0	857	1	381
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	99	0	333	0	99	333	18	118	0	362	0	118	0	381	0	118	0	381
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	58	1	58	0	58	58	2	61	1	61	0	61	1	61	0	61	1	61
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	357	1	208	0	357	208	161	522	1	291	0	522	1	291	0	522	1	291
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	80	1	80	0	80	80	11	92	1	92	0	92	1	92	0	92	1	92
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	375	1	210	0	375	223	155	535	1	291	0	535	1	303	0	535	1	303
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	45	0	45	25	70	70	0	46	0	46	25	71	0	71	0	71	0	71
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		376	North-South:		393	North-South:			406	North-South:			430	North-South:			430
	East-West:		288	East-West:		288	East-West:			383	East-West:			383	East-West:			383
	SUM:		664	SUM:		681	SUM:			789	SUM:			813	SUM:			813
VOLUME/CAPACITY (V/C) RATIO:			0.443			0.454				0.554				0.571				0.571
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.373			0.384				0.454				0.471				0.471
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.017 | Δv/c after mitigation: 0.017

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
138	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	97	0	97	0	97	97	11	109	0	109	0	109	0	109	0	109	0	109
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	738	1	408	58	796	427	86	833	1	535	58	891	1	554	0	891	1	554
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	97	0	408	0	97	427	20	118	0	535	0	118	0	554	0	118	0	554
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	94	1	94	0	94	94	0	95	1	95	0	95	1	95	0	95	1	95
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	852	1	472	0	852	472	91	953	1	523	0	953	1	523	0	953	1	523
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	91	0	91	0	91	91	0	92	0	92	0	92	0	92	0	92	0	92
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	137	1	137	0	137	137	0	139	1	139	0	139	1	139	0	139	1	139
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	645	2	244	3	648	245	57	710	2	268	3	713	2	269	0	713	2	269
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	86	0	86	0	86	86	6	93	0	93	0	93	0	93	0	93	0	93
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	127	1	127	3	130	130	21	150	1	150	3	153	1	153	0	153	1	153
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	608	2	230	57	665	251	55	670	2	251	57	727	2	272	0	727	2	272
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	81	0	81	6	87	87	0	82	0	82	6	88	0	88	0	88	0	88
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		569	North-South:		569	North-South:			632	North-South:			649	North-South:			649
	East-West:		371	East-West:		388	East-West:			418	East-West:			422	East-West:			422
	SUM:		940	SUM:		957	SUM:			1050	SUM:			1071	SUM:			1071
VOLUME/CAPACITY (V/C) RATIO:			0.684			0.696				0.764				0.779				0.779
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.614			0.626				0.664				0.679				0.679
LEVEL OF SERVICE (LOS):			B			B				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.015 | Δv/c after mitigation: 0.015

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
139	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	36	0	36	0	36	36	1	37	0	37	0	37	0	37	0	37	0	37
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	373	0	223	15	388	230	23	400	0	237	15	415	0	245	0	415	0	245
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	90	1	24	0	90	23	8	99	1	25	0	99	1	24	0	99	1	24
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	33	0	33	0	33	33	10	43	0	43	0	43	0	43	0	43	0	43
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	391	1	229	0	391	229	19	415	1	251	0	415	1	251	0	415	1	251
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	67	1	47	0	67	47	0	68	1	48	0	68	1	48	0	68	1	48
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	40	1	40	0	40	40	0	40	1	40	0	40	1	40	0	40	1	40
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	755	2	266	3	758	267	61	825	2	413	3	828	2	414	0	828	2	414
EASTBOUND Through-Right		1							2				0				0	
EASTBOUND Right	43	0	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	66	1	66	1	67	67	7	74	1	74	1	75	1	75	0	75	1	75
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	961	2	336	66	1027	359	59	1032	2	516	66	1098	2	549	0	1098	2	549
WESTBOUND Through-Right		1							0				0				0	
WESTBOUND Right	48	0	48	1	49	49	7	56	1	56	1	57	1	57	0	57	1	57
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		265	North-South:		265	North-South:			288	North-South:			288	North-South:			288
	East-West:		376	East-West:		399	East-West:			556	East-West:			589	East-West:			589
	SUM:		641	SUM:		664	SUM:			844	SUM:			877	SUM:			877
VOLUME/CAPACITY (V/C) RATIO:			0.450			0.466				0.592				0.615				0.615
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.380			0.396				0.492				0.515				0.515
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.023 | Δv/c after mitigation: 0.023

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
140	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	86	1	86	0	86	86	67	154	1	154	0	154	1	154	0	154	1	154
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1009	2	359	58	1067	378	199	1220	2	430	58	1278	2	449	0	1278	2	449
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	68	0	68	0	68	68	0	69	0	69	0	69	0	69	0	69	0	69
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	36	1	36	0	36	36	3	39	1	39	0	39	1	39	0	39	1	39
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1042	2	521	0	1042	521	156	1211	2	606	0	1211	2	606	0	1211	2	606
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	82	1	0	0	82	0	50	133	1	0	0	133	1	0	0	133	1	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	128	1	128	0	128	128	36	166	1	166	0	166	1	166	0	166	1	166
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	535	2	201	3	538	202	64	605	2	243	3	608	2	244	0	608	2	244
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	69	0	69	0	69	69	53	123	0	123	0	123	0	123	0	123	0	123
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	101	1	101	3	104	104	3	105	1	105	3	108	1	108	0	108	1	108
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	625	2	241	68	693	265	66	699	2	267	68	767	2	291	0	767	2	291
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	97	0	97	6	103	103	3	101	0	101	6	107	0	107	0	107	0	107
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		607	North-South:		607	North-South:			760	North-South:			760	North-South:			760
	East-West:		369	East-West:		393	East-West:			433	East-West:			457	East-West:			457
	SUM:		976	SUM:		1000	SUM:			1193	SUM:			1217	SUM:			1217
VOLUME/CAPACITY (V/C) RATIO:			0.710			0.727				0.868				0.885				0.885
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.640			0.657				0.768				0.785				0.785
LEVEL OF SERVICE (LOS):			B			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.017 | Δv/c after mitigation: 0.017

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	141	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		1
Override Capacity		0		0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	23	0	**23**	18	41	41	0	23	0	23	18	41	0	41	0	41	0	41
	Left-Through		1							1				1				1	
	Through	789	1	313	82	871	**365**	94	893	1	**356**	82	975	1	**407**	0	975	1	**407**
	Through-Right		1							1				1				1	
	Right	59	0	313	0	59	365	22	82	0	356	0	82	0	407	0	82	0	407
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	0	36	0	36	**36**	0	36	0	**36**	0	36	0	**36**	0	36	0	**36**
	Left-Through		1							1				1				1	
	Through	742	1	**328**	0	742	328	71	822	1	355	0	822	1	379	0	822	1	379
	Through-Right		1							1				1				1	
	Right	97	0	328	0	97	328	0	98	0	355	0	98	0	379	0	98	0	379
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	71	1	**71**	0	71	**71**	0	72	1	**72**	0	72	1	**72**	0	72	1	**72**
	Left-Through		0							0				0				0	
	Through	432	1	237	3	435	238	45	482	1	262	3	485	1	263	0	485	1	263
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	91	1	91	20	111	111	21	113	1	113	20	133	1	133	0	133	1	133
	Left-Through		0							0				0				0	
	Through	627	1	**357**	61	688	**387**	46	681	1	**385**	61	742	1	**416**	0	742	1	**416**
	Through-Right		1							1				1				1	
	Right	86	0	86	0	86	86	2	89	0	89	0	89	0	89	0	89	0	89
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	351		*North-South:*	401		*North-South:*		392		*North-South:*		443		*North-South:*		443
			East-West:	428		*East-West:*	458		*East-West:*		457		*East-West:*		488		*East-West:*		488
			SUM:	779		*SUM:*	859		*SUM:*		849		*SUM:*		931		*SUM:*		931
	VOLUME/CAPACITY (*V/C*) RATIO:			0.519			0.573				0.566				0.621				0.621
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.449**			**0.503**				**0.466**				**0.521**				**0.521**
	LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.055** | $\Delta v/c$ after mitigation: **0.055**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	142	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2		2
Override Capacity		0		0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	79	1	**79**	0	79	**79**	9	89	1	**89**	0	89	1	89	0	89	1	89
	Left-Through		0							0				0				0	
	Through	1053	1	551	58	1111	580	190	1256	1	653	58	1314	1	**682**	0	1314	1	**682**
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	51	1	51	0	51	51	8	60	1	60	0	60	1	**60**	0	60	1	**60**
	Left-Through		0							0				0				0	
	Through	1011	1	**553**	3	1014	**554**	163	1186	1	**647**	3	1189	1	649	0	1189	1	649
	Through-Right		1							1				1				1	
	Right	94	0	94	0	94	94	13	108	0	108	0	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	0	**34**	0	34	**34**	12	46	0	**46**	0	46	0	**46**	0	46	0	**46**
	Left-Through		1							1				1				1	
	Through	290	0	222	0	290	222	111	404	0	294	0	404	0	294	0	404	0	294
	Through-Right		1							1				1				1	
	Right	86	0	222	0	86	222	5	92	0	294	0	92	0	294	0	92	0	294
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through		1							1				1				1	
	Through	389	0	**256**	0	389	**256**	113	507	0	**320**	0	507	0	**320**	0	507	0	**320**
	Through-Right		1							1				1				1	
	Right	59	0	256	0	59	256	9	69	0	320	0	69	0	320	0	69	0	320
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	632		*North-South:*	633		*North-South:*		736		*North-South:*		742		*North-South:*		742
			East-West:	290		*East-West:*	290		*East-West:*		366		*East-West:*		366		*East-West:*		366
			SUM:	922		*SUM:*	923		*SUM:*		1102		*SUM:*		1108		*SUM:*		1108
	VOLUME/CAPACITY (*V/C*) RATIO:			0.615			0.615				0.735				0.739				0.739
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.515**			**0.515**				**0.635**				**0.639**				**0.639**
	LEVEL OF SERVICE (LOS):			**A**			**A**				**B**				**B**				**B**

PROJECT IMPACT

Change in *v/c* due to project: **0.004** | $\Delta v/c$ after mitigation: **0.004**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	143	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2		2
Override Capacity		0		0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	20	0	20	0	20	20	0	20	0	20	0	20	0	20	0	20	0	20
	Left-Through		1							1				1				1	
	Through	735	1	**299**	37	772	**311**	117	861	1	**341**	37	898	1	**353**	0	898	1	**353**
	Through-Right		1							1				1				1	
	Right	81	0	299	0	81	311	0	82	0	341	0	82	0	353	0	82	0	353
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	40	0	**40**	0	40	**40**	0	40	0	**40**	0	40	0	**40**	0	40	0	**40**
	Left-Through		1							1				1				1	
	Through	651	1	304	20	671	311	95	754	1	339	20	774	1	346	0	774	1	346
	Through-Right		1							1				1				1	
	Right	102	0	304	0	102	311	1	104	0	339	0	104	0	346	0	104	0	346
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	118	1	**118**	0	118	118	0	119	1	119	0	119	1	119	0	119	1	119
	Left-Through		0							0				0				0	
	Through	212	1	212	0	212	**212**	154	369	1	**369**	0	369	1	**369**	0	369	1	**369**
	Through-Right		0							1				1				1	
	Right	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	27	1	27	125	152	**152**	0	27	1	**27**	125	152	1	**152**	0	152	1	**152**
	Left-Through		0							0				0				0	
	Through	348	1	**200**	0	348	232	136	488	1	271	0	488	1	303	0	488	1	303
	Through-Right		1							1				1				1	
	Right	51	0	51	64	115	115	2	54	0	54	64	118	0	118	0	118	0	118
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	339		*North-South:*	351		*North-South:*		381		*North-South:*		393		*North-South:*		393
			East-West:	318		*East-West:*	364		*East-West:*		396		*East-West:*		521		*East-West:*		521
			SUM:	657		*SUM:*	715		*SUM:*		777		*SUM:*		914		*SUM:*		914
	VOLUME/CAPACITY (*V/C*) RATIO:			0.438			0.477				0.518				0.609				0.609
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.338**			**0.377**				**0.418**				**0.509**				**0.509**
	LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.091** | $\Delta v/c$ after mitigation: **0.091**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	144	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	3	3	3	3
ATSAC-1 or ATSAC+ATCS-2?		0		0
Override Capacity		0		0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	112	1	112	0	112	112	0	113	1	113	0	113	1	113	0	113	1	113
	Left-Through		0							0				0				0	
	Through	1096	2	**548**	31	1127	**564**	107	1216	2	**608**	31	1247	2	**624**	0	1247	2	**624**
	Through-Right		0							0				0				0	
	Right	91	1	0	0	91	0	6	98	1	0	0	98	1	0	0	98	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	194	1	**194**	0	194	**194**	6	202	1	**202**	0	202	1	**202**	0	202	1	**202**
	Left-Through		0							0				0				0	
	Through	890	2	445	3	893	447	112	1013	2	507	3	1016	2	508	0	1016	2	508
	Through-Right		0							0				0				0	
	Right	112	1	21	0	112	21	0	113	1	21	0	113	1	21	0	113	1	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	91	1	**91**	0	91	**91**	0	92	1	**92**	0	92	1	**92**	0	92	1	**92**
	Left-Through		0							0				0				0	
	Through	692	2	254	11	703	258	139	839	2	303	11	850	2	307	0	850	2	307
	Through-Right		1							1				1				1	
	Right	70	0	70	0	70	70	0	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	104	1	104	14	118	118	11	116	1	116	14	130	1	130	0	130	1	130
	Left-Through		0							0				0				0	
	Through	672	2	**299**	268	940	**397**	149	829	2	**356**	269	1098	2	**455**	0	1098	2	**455**
	Through-Right		1							1				1				1	
	Right	225	0	225	27	252	252	11	239	0	239	27	266	0	266	0	266	0	266
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	742		*North-South:*	758		*North-South:*		810		*North-South:*		826		*North-South:*		826
			East-West:	390		*East-West:*	488		*East-West:*		448		*East-West:*		547		*East-West:*		547
			SUM:	1132		*SUM:*	1246		*SUM:*		1258		*SUM:*		1373		*SUM:*		1373
	VOLUME/CAPACITY (*V/C*) RATIO:			0.823			0.906				0.915				0.999				0.999
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.723**			**0.806**				**0.815**				**0.899**				**0.899**
	LEVEL OF SERVICE (LOS):			**C**			**D**				**D**				**D**				**D**

PROJECT IMPACT

Change in *v/c* due to project: **0.084** | $\Delta v/c$ after mitigation: **0.084**

Significant impacted? **YES** | Fully mitigated? **NO**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	145	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND																		
Left	90	1	90	0	90	90	26	117	1	117	0	117	1	117	0	117	1	117
Left-Through		0							0				0				0	
Through	463	1	268	8	471	272	22	491	1	285	8	499	1	289	0	499	1	289
Through-Right		1							1				1				1	
Right	73	0	73	0	73	73	5	79	0	79	0	79	0	79	0	79	0	79
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND																		
Left	69	1	69	0	69	69	3	73	1	73	0	73	1	73	0	73	1	73
Left-Through		0							0				0				0	
Through	528	2	264	1	529	265	25	559	2	280	1	560	2	280	0	560	2	280
Through-Right		0							0				0				0	
Right	91	1	64	0	91	64	14	106	1	67	0	106	1	67	0	106	1	67
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND																		
Left	54	1	54	0	54	54	23	78	1	78	0	78	1	78	0	78	1	78
Left-Through		0							0				0				0	
Through	912	2	328	11	923	331	171	1094	2	405	11	1105	2	409	0	1105	2	409
Through-Right		1							1				1				1	
Right	71	0	71	0	71	71	49	121	0	121	0	121	0	121	0	121	0	121
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND																		
Left	86	1	86	3	89	89	7	94	1	94	3	97	1	97	0	97	1	97
Left-Through		0							0				0				0	
Through	961	2	336	309	1270	454	150	1123	2	391	309	1432	2	510	0	1432	2	510
Through-Right		1							1				1				1	
Right	46	0	46	47	93	93	4	51	0	51	47	98	0	98	0	98	0	98
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		354	North-South:		355	North-South:			397	North-South:			397	North-South:			397
	East-West:		414	East-West:		508	East-West:			499	East-West:			588	East-West:			588
	SUM:		768	SUM:		863	SUM:			896	SUM:			985	SUM:			985
VOLUME/CAPACITY (V/C) RATIO:			0.512			0.575				0.597				0.657				0.657
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.412			0.475				0.497				0.557				0.557
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.060 | Δv/c after mitigation: 0.060

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	146	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4				4				4				4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--	0	NB-- 3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND																		
Left	96	1	96	0	96	96	16	113	1	113	0	113	1	113	0	113	1	113
Left-Through		0							0				0				0	
Through	946	2	473	31	977	489	168	1125	2	563	31	1156	2	578	0	1156	2	578
Through-Right		1							1				1				1	
Right	76	1	0	0	76	0	1	78	1	0	0	78	1	0	0	78	1	0
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND																		
Left	84	1	84	0	84	84	8	93	1	93	0	93	1	93	0	93	1	93
Left-Through		0							0				0				0	
Through	910	1	526	3	913	528	151	1072	1	612	3	1075	1	613	0	1075	1	613
Through-Right		1							1				1				1	
Right	142	0	142	0	142	142	7	151	0	151	0	151	0	151	0	151	0	151
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND																		
Left	160	1	160	0	160	160	13	175	1	175	0	175	1	175	0	175	1	175
Left-Through		0							0				0				0	
Through	683	2	342	11	694	347	158	849	2	425	11	860	2	430	0	860	2	430
Through-Right		0							0				0				0	
Right	54	1	6	0	54	6	22	77	1	21	0	77	1	21	0	77	1	21
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND																		
Left	93	1	93	47	140	140	1	95	1	95	47	142	1	142	0	142	1	142
Left-Through		0							0				0				0	
Through	796	2	295	319	1115	410	146	952	2	353	319	1271	2	468	0	1271	2	468
Through-Right		1							1				1				1	
Right	88	0	88	27	115	115	17	106	0	106	27	133	0	133	0	133	0	133
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		622	North-South:		624	North-South:			725	North-South:			726	North-South:			726
	East-West:		455	East-West:		570	East-West:			528	East-West:			643	East-West:			643
	SUM:		1077	SUM:		1194	SUM:			1253	SUM:			1369	SUM:			1369
VOLUME/CAPACITY (V/C) RATIO:			0.783			0.868				0.911				0.996				0.996
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.683			0.768				0.811				0.896				0.896
LEVEL OF SERVICE (LOS):			B			C				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.085 | Δv/c after mitigation: 0.085

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	147	North-South Street:	Alvardo	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4				4				4				4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	3	NB-- 0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND																		
Left	73	1	73	0	73	73	0	74	1	74	0	74	1	74	0	74	1	74
Left-Through		0							0				0				0	
Through	668	1	361	29	697	408	111	787	1	430	29	816	1	477	0	816	1	477
Through-Right		1							1				1				1	
Right	54	0	54	65	119	119	17	72	0	72	65	137	0	137	0	137	0	137
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND																		
Left	91	1	91	0	91	91	5	97	1	97	0	97	1	97	0	97	1	97
Left-Through		0							0				0				0	
Through	495	2	248	0	495	248	87	588	2	294	0	588	2	294	0	588	2	294
Through-Right		0							0				0				0	
Right	152	1	29	146	298	175	0	154	1	29	146	300	1	175	0	300	1	175
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND																		
Left	123	1	123	0	123	123	1	125	1	125	0	125	1	125	0	125	1	125
Left-Through		0							0				0				0	
Through	650	2	229	12	662	233	166	824	2	287	12	836	2	291	0	836	2	291
Through-Right		1							1				1				1	
Right	36	0	36	0	36	36	0	36	0	36	0	36	0	36	0	36	0	36
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND																		
Left	80	1	80	96	176	176	45	126	1	126	96	222	1	222	0	222	1	222
Left-Through		0							0				0				0	
Through	676	2	245	191	867	312	163	847	2	304	192	1039	2	371	67	1106	2	393
Through-Right		1							1				1				1	
Right	60	0	60	8	68	68	5	66	0	66	8	74	0	74	0	74	0	74
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		452	North-South:		499	North-South:			527	North-South:			574	North-South:			574
	East-West:		368	East-West:		435	East-West:			429	East-West:			513	East-West:			518
	SUM:		820	SUM:		934	SUM:			956	SUM:			1087	SUM:			1092
VOLUME/CAPACITY (V/C) RATIO:			0.596			0.679				0.695				0.791				0.794
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.496			0.579				0.595				0.691				0.694
LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.096 | Δv/c after mitigation: 0.099

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	148	North-South Street:	Union	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND																		
Left	95	1	95	0	95	95	0	96	1	96	0	96	1	96	0	96	1	96
Left-Through		0							0				0				0	
Through	482	0	520	0	482	520	1	489	0	527	0	489	0	527	0	489	0	527
Through-Right		1							1				1				1	
Right	38	0	0	0	38	0	0	38	0	0	0	38	0	0	0	38	0	0
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND																		
Left	49	1	49	0	49	49	0	50	1	50	0	50	1	50	0	50	1	50
Left-Through		0							0				0				0	
Through	517	1	517	0	517	517	1	524	1	524	0	524	1	524	0	524	1	524
Through-Right		0							0				0				0	
Right	92	1	54	0	92	54	0	93	1	54	0	93	1	54	0	93	1	54
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND																		
Left	77	1	77	0	77	77	0	78	1	78	0	78	1	78	0	78	1	78
Left-Through		0							0				0				0	
Through	616	2	223	77	693	249	187	810	2	288	78	888	2	314	0	888	2	314
Through-Right		1							1				1				1	
Right	53	0	53	0	53	53	0	54	0	54	0	54	0	54	0	54	0	54
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND																		
Left	35	1	35	10	45	45	0	35	1	35	10	45	1	45	159	204	1	204
Left-Through		0							0				0				0	
Through	551	2	203	295	846	301	212	770	2	280	295	1065	2	379	67	1132	2	401
Through-Right		1							1				1				1	
Right	58	0	58	0	58	58	12	71	0	71	0	71	0	71	0	71	0	71
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		612	North-South:		612	North-South:			620	North-South:			620	North-South:			620
	East-West:		280	East-West:		378	East-West:			358	East-West:			457	East-West:			518
	SUM:		892	SUM:		990	SUM:			978	SUM:			1077	SUM:			1138
VOLUME/CAPACITY (V/C) RATIO:			0.595			0.660				0.652				0.718				0.759
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.495			0.560				0.552				0.618				0.659
LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.066 | Δv/c after mitigation: 0.107

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	149	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	86	1	**86**	0	86	**86**	0	87	1	**87**	0	87	1	**87**	0	87	1	**87**
	Left-Through		0							0				0				0	
	Through	826	1	446	25	851	459	107	943	1	505	25	968	1	518	0	968	1	518
	Through-Right		1							1				1				1	
	Right	66	0	66	0	66	66	0	67	0	67	0	67	0	67	0	67	0	67
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	838	1	**459**	17	855	**468**	112	960	1	**526**	17	977	1	**535**	0	977	1	**535**
	Through-Right		1							1				1				1	
	Right	80	0	80	0	80	80	11	92	0	92	0	92	0	92	0	92	0	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	86	1	86	0	86	**86**	6	93	1	93	0	93	1	**93**	0	93	1	**93**
	Left-Through		0							0				0				0	
	Through	415	1	**249**	11	426	254	79	499	1	**291**	11	510	1	297	0	510	1	297
	Through-Right		1							1				1				1	
	Right	82	0	82	0	82	82	0	83	0	83	0	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	64	1	**64**	3	67	67	0	65	1	**65**	3	68	1	68	0	68	1	68
	Left-Through		0							0				0				0	
	Through	380	1	214	83	463	**258**	77	462	1	255	83	545	1	**300**	0	545	1	**300**
	Through-Right		1							1				1				1	
	Right	47	0	47	6	53	53	0	48	0	48	6	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		545	North-South:		554	North-South:			613	North-South:			622	North-South:			622
		East-West:		313	East-West:		344	East-West:			356	East-West:			393	East-West:			393
		SUM:		858	SUM:		898	SUM:			969	SUM:			1015	SUM:			1015
VOLUME/CAPACITY (V/C) RATIO:				0.572			0.599				0.646				0.677				0.677
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.472**			**0.499**				**0.546**				**0.577**				**0.577**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.031 | Δv/c after mitigation: 0.031

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	150	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through		1							1				1				1	
	Through	598	0	**419**	6	604	**422**	49	654	0	**448**	6	660	0	**451**	0	660	0	**451**
	Through-Right		1							1				1				1	
	Right	108	0	419	0	108	422	0	109	0	448	0	109	0	451	0	109	0	451
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	32	0	**32**	0	32	**32**	8	40	0	**40**	0	40	0	**40**	0	40	0	**40**
	Left-Through		1							1				1				1	
	Through	568	0	368	4	572	370	71	646	0	424	4	650	0	426	0	650	0	426
	Through-Right		1							1				1				1	
	Right	40	0	368	0	40	370	1	41	0	424	0	41	0	426	0	41	0	426
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	1	34	0	34	**34**	0	34	1	34	0	34	1	**34**	0	34	1	**34**
	Left-Through		0							0				0				0	
	Through	336	1	**202**	11	347	208	78	418	1	**244**	11	429	1	249	0	429	1	249
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	0	69	0	69	0	69	0	69	0	69	0	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	80	1	**80**	1	81	81	0	81	1	**81**	1	82	1	82	0	82	1	82
	Left-Through		0							0				0				0	
	Through	390	1	213	91	481	**259**	76	471	1	256	91	562	1	**302**	0	562	1	**302**
	Through-Right		1							1				1				1	
	Right	35	0	35	1	36	36	5	40	0	40	1	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		451	North-South:		454	North-South:			488	North-South:			491	North-South:			491
		East-West:		282	East-West:		293	East-West:			325	East-West:			336	East-West:			336
		SUM:		733	SUM:		747	SUM:			813	SUM:			827	SUM:			827
VOLUME/CAPACITY (V/C) RATIO:				0.489			0.498				0.542				0.551				0.551
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.389**			**0.398**				**0.442**				**0.451**				**0.451**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.009 | Δv/c after mitigation: 0.009

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	151	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	106	1	**106**	0	106	**106**	0	107	1	**107**	0	107	1	**107**	0	107	1	**107**
	Left-Through		0							0				0				0	
	Through	947	1	516	25	972	529	184	1142	1	614	25	1167	1	627	0	1167	1	627
	Through-Right		1							1				1				1	
	Right	85	0	85	0	85	85	0	86	0	86	0	86	0	86	0	86	0	86
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	69	1	69	0	69	69	1	71	1	71	0	71	1	71	0	71	1	71
	Left-Through		0							0				0				0	
	Through	904	1	**495**	50	954	**520**	172	1087	1	**587**	50	1137	1	**612**	0	1137	1	**612**
	Through-Right		1							1				1				1	
	Right	85	0	85	0	85	85	1	87	0	87	0	87	0	87	0	87	0	87
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	71	1	**71**	0	71	71	1	73	1	**73**	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	432	1	253	11	443	**258**	85	522	1	298	11	533	1	**304**	0	533	1	**304**
	Through-Right		1							1				1				1	
	Right	73	0	73	0	73	73	0	74	0	74	0	74	0	74	0	74	0	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	75	1	75	130	205	**205**	0	76	1	76	130	206	1	**206**	0	206	1	**206**
	Left-Through		0							0				0				0	
	Through	495	1	**296**	93	588	346	80	581	1	**340**	93	674	1	389	0	674	1	389
	Through-Right		1							1				1				1	
	Right	97	0	97	6	103	103	0	98	0	98	6	104	0	104	0	104	0	104
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		601	North-South:		626	North-South:			694	North-South:			719	North-South:			719
		East-West:		367	East-West:		463	East-West:			413	East-West:			510	East-West:			510
		SUM:		968	SUM:		1089	SUM:			1107	SUM:			1229	SUM:			1229
VOLUME/CAPACITY (V/C) RATIO:				0.645			0.726				0.738				0.819				0.819
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.545**			**0.626**				**0.638**				**0.719**				**0.719**
LEVEL OF SERVICE (LOS):				**A**			**B**				**B**				**C**				**C**

PROJECT IMPACT

Change in v/c due to project: 0.081 | Δv/c after mitigation: 0.081

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	152	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3				3				3				3				3				3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	10	0	10	32	42	42	0	10	0	10	32	42	0	42	85	127	0	127
	Left-Through		1							1				1				1	
	Through	637	0	**365**	3	640	**439**	124	769	0	**451**	3	772	0	**514**	0	772	0	**684**
	Through-Right		1							1				1				1	
	Right	73	0	365	-4	69	439	18	92	0	451	-4	88	0	514	0	88	0	684
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	78	1	**78**	0	78	**78**	0	79	1	**79**	0	79	1	**79**	0	79	1	**79**
	Left-Through		0							0				0				0	
	Through	442	1	284	70	512	332	123	570	1	353	70	640	1	401	0	640	1	401
	Through-Right		1							1				1				1	
	Right	125	0	125	26	151	151	8	135	0	135	26	161	0	161	0	161	0	161
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	124	1	**124**	65	189	**189**	3	128	1	**128**	65	193	1	**193**	0	193	1	**193**
	Left-Through		0							0				0				0	
	Through	468	1	256	-53	415	229	83	557	1	301	-53	504	1	274	0	504	1	274
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	76	1	76	273	349	349	1	78	1	78	273	351	1	351	0	351	1	351
	Left-Through		0							0				0				0	
	Through	572	1	**338**	173	745	**504**	72	651	1	**379**	173	824	1	**545**	-216	608	1	**437**
	Through-Right		1							1				1				1	
	Right	104	0	104	159	263	263	1	106	0	106	159	265	0	265	0	265	0	265
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		443	North-South:		517	North-South:			530	North-South:			593	North-South:			763
		East-West:		462	East-West:		693	East-West:			507	East-West:			738	East-West:			630
		SUM:		905	SUM:		1210	SUM:			1037	SUM:			1331	SUM:			1393
VOLUME/CAPACITY (V/C) RATIO:				0.635			0.849				0.728				0.934				0.978
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.535**			**0.749**				**0.628**				**0.834**				**0.878**
LEVEL OF SERVICE (LOS):				**A**			**C**				**B**				**D**				**D**

PROJECT IMPACT

Change in v/c due to project: 0.206 | Δv/c after mitigation: 0.250

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	153	North-South Street:	Pico	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Union	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	97	1	97	0	97	97	0	98	1	98	0	98	1	98	0	98	1	98
	Left-Through		0							0				0				0	
	Through	475	0	527	0	475	527	0	481	0	534	0	481	0	534	0	481	0	534
	Through-Right		1							1				1				1	
	Right	52	0	0	0	52	0	0	53	0	0	0	53	0	0	0	53	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	56	1	56	0	56	56	1	58	1	58	0	58	1	58	0	58	1	58
	Left-Through		0							0				0				0	
	Through	449	1	449	42	491	491	0	454	1	454	56	510	1	510	0	510	1	510
	Through-Right		0							0				0				0	
	Right	142	1	100	0	142	100	0	144	1	101	0	144	1	101	159	303	1	260
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	85	1	85	0	85	85	0	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	524	1	301	-57	467	272	101	631	1	355	-56	575	1	327	0	575	1	327
	Through-Right		1							1				1				1	
	Right	77	0	77	0	77	77	0	78	0	78	0	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	42	1	42	0	42	42	8	51	1	51	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	578	1	327	605	1183	659	72	657	1	368	606	1263	1	700	-375	888	1	513
	Through-Right		1							1				1				1	
	Right	76	0	76	59	135	135	1	78	0	78	59	137	0	137	0	137	0	137
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		583	North-South:		588	North-South:			592	North-South:			608	North-South:			608
		East-West:		412	East-West:		744	East-West:			454	East-West:			786	East-West:			599
		SUM:		995	SUM:		1332	SUM:			1046	SUM:			1394	SUM:			1207
VOLUME/CAPACITY (V/C) RATIO:				0.663			0.888				0.697				0.929				0.805
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.563			0.788				0.597				0.829				0.705
LEVEL OF SERVICE (LOS):				A			C				A				D				C

PROJECT IMPACT

Change in v/c due to project: 0.232 | Δv/c after mitigation: 0.108
Significant impacted: YES | Fully mitigated: NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	154	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Alvarado	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 1 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	732	2	366	5	737	369	68	809	2	405	5	814	2	407	0	814	2	407
	Through-Right		1							1				1				1	
	Right	487	1	0	13	500	0	143	636	1	0	13	649	1	0	0	649	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	623	2	312	16	639	320	19	650	2	325	16	666	2	333	0	666	2	333
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	544	1	279	342	886	450	124	675	1	344	342	1017	1	515	0	1017	1	515
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	13	0	279	0	13	450	0	13	0	344	0	13	0	515	0	13	0	515
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
CRITICAL VOLUMES		North-South:		366	North-South:		369	North-South:			405	North-South:			407	North-South:			407
		East-West:		279	East-West:		450	East-West:			344	East-West:			515	East-West:			515
		SUM:		645	SUM:		819	SUM:			749	SUM:			922	SUM:			922
VOLUME/CAPACITY (V/C) RATIO:				0.430			0.546				0.499				0.615				0.615
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.330			0.446				0.399				0.515				0.515
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.116 | Δv/c after mitigation: 0.116
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	155	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	93	1	93	0	93	93	0	94	1	94	0	94	1	94	0	94	1	94
	Left-Through		0							0				0				0	
	Through	1111	1	589	13	1124	595	107	1231	1	649	13	1244	1	656	0	1244	1	656
	Through-Right		1							1				1				1	
	Right	66	0	66	0	66	66	0	67	0	67	0	67	0	67	0	67	0	67
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	1019	2	510	19	1038	519	112	1143	2	572	19	1162	2	581	0	1162	2	581
	Through-Right		0							0				0				0	
	Right	65	1	27	0	65	27	0	66	1	27	0	66	1	27	0	66	1	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	77	1	77	0	77	77	0	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	287	1	181	6	293	184	34	324	1	200	7	331	1	204	0	331	1	204
	Through-Right		1							1				1				1	
	Right	75	0	75	0	75	75	0	76	0	76	0	76	0	76	0	76	0	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	68	1	68	6	74	74	0	69	1	69	6	75	1	75	0	75	1	75
	Left-Through		0							0				0				0	
	Through	314	1	185	171	485	277	28	346	1	202	171	517	1	293	0	517	1	293
	Through-Right		1							1				1				1	
	Right	56	0	56	12	68	68	0	57	0	57	12	69	0	69	0	69	0	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		628	North-South:		634	North-South:			688	North-South:			695	North-South:			695
		East-West:		262	East-West:		354	East-West:			280	East-West:			371	East-West:			371
		SUM:		890	SUM:		988	SUM:			968	SUM:			1066	SUM:			1066
VOLUME/CAPACITY (V/C) RATIO:				0.593			0.659				0.645				0.711				0.711
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.493			0.559				0.545				0.611				0.611
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.066 | Δv/c after mitigation: 0.066
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	156	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	85	1	85	0	85	85	0	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	688	1	362	3	691	364	49	745	1	391	3	748	1	392	0	748	1	392
	Through-Right		1							1				1				1	
	Right	36	0	36	0	36	36	0	36	0	36	0	36	0	36	0	36	0	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	1	36	0	36	36	0	36	1	36	0	36	1	36	0	36	1	36
	Left-Through		0							0				0				0	
	Through	627	1	339	5	632	341	71	706	1	379	5	711	1	381	0	711	1	381
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	65	1	65	0	65	65	0	66	1	66	0	66	1	66	0	66	1	66
	Left-Through		0							0				0				0	
	Through	315	1	209	6	321	212	34	353	1	228	6	359	1	231	0	359	1	231
	Through-Right		1							1				1				1	
	Right	102	0	102	0	102	102	0	103	0	103	0	103	0	103	0	103	0	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	34	1	34	2	36	36	0	34	1	34	2	36	1	36	0	36	1	36
	Left-Through		0							0				0				0	
	Through	327	1	177	189	516	273	28	359	1	193	189	548	1	289	0	548	1	289
	Through-Right		1							1				1				1	
	Right	27	0	27	3	30	30	0	27	0	27	3	30	0	30	0	30	0	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		424	North-South:		426	North-South:			465	North-South:			467	North-South:			467
		East-West:		243	East-West:		338	East-West:			262	East-West:			355	East-West:			355
		SUM:		667	SUM:		764	SUM:			727	SUM:			822	SUM:			822
VOLUME/CAPACITY (V/C) RATIO:				0.445			0.509				0.485				0.548				0.548
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.345			0.409				0.385				0.448				0.448
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.063 | Δv/c after mitigation: 0.063
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	157	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	46	1	46	0	46	**46**	0	47	1	47	0	47	1	**47**	0	47	1	**47**
	Left-Through		0							0				0				0	
	Through	1071	1	**565**	13	1084	572	184	1268	1	**664**	13	1281	1	671	0	1281	1	671
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	48	1	**48**	0	48	48	0	49	1	**49**	0	49	1	49	0	49	1	49
	Left-Through		0							0				0				0	
	Through	926	1	494	179	1105	**584**	172	1109	1	586	179	1288	1	**676**	0	1288	1	**676**
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	46	1	46	0	46	**46**	0	47	1	47	0	47	1	**47**	0	47	1	**47**
	Left-Through		0							0				0				0	
	Through	343	1	**204**	6	349	207	34	381	1	**224**	6	387	1	227	0	387	1	227
	Through-Right		1							1				1				1	
	Right	65	0	65	0	65	65	0	66	0	66	0	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	60	1	**60**	6	66	66	0	61	1	**61**	6	67	1	67	0	67	1	67
	Left-Through		0							0				0				0	
	Through	321	1	198	193	514	**301**	28	353	1	215	193	546	1	**317**	0	546	1	**317**
	Through-Right		1							1				1				1	
	Right	75	0	75	12	87	87	0	76	0	76	12	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		613	North-South:		630	North-South:			713	North-South:			723	North-South:			723
		East-West:		264	East-West:		347	East-West:			285	East-West:			364	East-West:			364
		SUM:		877	SUM:		977	SUM:			998	SUM:			1087	SUM:			1087
VOLUME/CAPACITY (V/C) RATIO:				0.585			0.651				0.665				0.725				0.839
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.485**			**0.551**				**0.565**				**0.625**				**0.739**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**B**				**C**

PROJECT IMPACT

Change in v/c due to project: 0.060 Δv/c after mitigation: 0.060
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	158	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	76	1	**76**	0	76	**76**	0	77	1	**77**	0	77	1	**77**	0	77	1	**77**
	Left-Through		0							0				0				0	
	Through	944	2	328	16	960	334	210	1165	2	404	17	1182	2	410	0	1182	2	410
	Through-Right		1							1				1				1	
	Right	41	0	41	2	43	43	5	46	0	46	3	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	969	2	**485**	307	1276	**638**	143	1124	2	**562**	307	1431	2	**716**	0	1431	2	**716**
	Through-Right		0							0				0				0	
	Right	115	1	57	51	166	108	0	116	1	57	51	167	1	108	0	167	1	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	117	1	**117**	0	117	**117**	0	118	1	**118**	0	118	1	**118**	0	118	1	**118**
	Left-Through		0							0				0				0	
	Through	212	1	152	6	218	155	34	249	1	171	6	255	1	174	0	255	1	174
	Through-Right		1							1				1				1	
	Right	91	0	91	0	91	91	0	92	0	92	0	92	0	92	0	92	0	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	103	1	103	96	199	**199**	13	117	1	117	96	213	1	213	0	213	1	213
	Left-Through		0							0				0				0	
	Through	261	1	**187**	160	421	**268**	28	292	1	**203**	160	452	1	**284**	0	452	1	**284**
	Through-Right		1							1				1				1	
	Right	112	0	112	3	115	115	0	113	0	113	3	116	0	116	0	116	0	116
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		561	North-South:		714	North-South:			639	North-South:			793	North-South:			793
		East-West:		304	East-West:		385	East-West:			321	East-West:			402	East-West:			402
		SUM:		865	SUM:		1099	SUM:			960	SUM:			1195	SUM:			1195
VOLUME/CAPACITY (V/C) RATIO:				0.607			0.771				0.674				0.839				0.839
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.507**			**0.671**				**0.574**				**0.739**				**0.739**
LEVEL OF SERVICE (LOS):				**A**			**B**				**A**				**C**				**C**

PROJECT IMPACT

Change in v/c due to project: 0.165 Δv/c after mitigation: 0.165
Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	159	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	76	1	76	0	76	**76**	0	77	1	77	0	77	1	**77**	0	77	1	**77**
	Left-Through		0							0				0				0	
	Through	993	1	**531**	0	993	531	107	1112	1	**591**	0	1112	1	591	0	1112	1	591
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	0	69	0	69	0	69	0	69	0	69	0	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	51	1	**51**	0	51	51	0	52	1	**52**	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	949	1	497	25	974	**509**	112	1072	1	559	25	1097	1	**571**	0	1097	1	**571**
	Through-Right		1							1				1				1	
	Right	44	0	44	0	44	44	0	45	0	45	0	45	0	45	0	45	0	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	46	1	46	0	46	**46**	0	47	1	47	0	47	1	**47**	0	47	1	**47**
	Left-Through		0							0				0				0	
	Through	264	2	**111**	4	268	112	77	344	2	**138**	4	348	2	139	0	348	2	139
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	0	70	0	70	0	70	0	70	0	70	0	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	72	1	**72**	7	79	79	0	73	1	**73**	7	80	1	80	0	80	1	80
	Left-Through		0							0				0				0	
	Through	287	2	122	172	459	**184**	79	369	2	150	173	542	2	**212**	0	542	2	**212**
	Through-Right		1							1				1				1	
	Right	79	0	79	13	92	92	0	80	0	80	13	93	0	93	0	93	0	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		582	North-South:		585	North-South:			643	North-South:			648	North-South:			648
		East-West:		183	East-West:		230	East-West:			211	East-West:			259	East-West:			259
		SUM:		765	SUM:		815	SUM:			854	SUM:			907	SUM:			907
VOLUME/CAPACITY (V/C) RATIO:				0.556			0.593				0.621				0.660				0.660
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.456**			**0.493**				**0.521**				**0.560**				**0.560**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.039 Δv/c after mitigation: 0.039
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	160	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	103	1	103	0	103	103	0	104	1	**104**	0	104	1	**104**	0	104	1	**104**
	Left-Through		0							0				0				0	
	Through	747	1	**424**	0	747	**424**	49	805	1	454	0	805	1	454	0	805	1	454
	Through-Right		1							1				1				1	
	Right	101	0	101	0	101	101	0	102	0	102	0	102	0	102	0	102	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	46	1	**46**	0	46	**46**	0	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	684	1	363	6	690	366	71	763	1	**402**	6	769	1	**405**	0	769	1	**405**
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	45	1	45	0	45	**45**	0	46	1	46	0	46	1	**46**	0	46	1	**46**
	Left-Through		0							0				0				0	
	Through	228	2	**106**	4	232	107	77	308	2	**133**	4	312	2	134	0	312	2	134
	Through-Right		1							1				1				1	
	Right	89	0	89	0	89	89	0	90	0	90	0	90	0	90	0	90	0	90
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	91	1	**91**	2	93	93	0	92	1	**92**	2	94	1	94	0	94	1	94
	Left-Through		0							0				0				0	
	Through	236	2	93	191	427	**158**	79	318	2	121	191	509	2	**186**	0	509	2	**186**
	Through-Right		1							1				1				1	
	Right	44	0	44	3	47	47	0	45	0	45	3	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		470	North-South:		470	North-South:			506	North-South:			509	North-South:			509
		East-West:		197	East-West:		203	East-West:			225	East-West:			232	East-West:			232
		SUM:		667	SUM:		673	SUM:			731	SUM:			741	SUM:			741
VOLUME/CAPACITY (V/C) RATIO:				0.485			0.489				0.532				0.539				0.539
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.385**			**0.389**				**0.432**				**0.439**				**0.439**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.007 Δv/c after mitigation: 0.007
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	161	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAECC

No. of Phases			4			4			4					4					4					4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0					0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0
	EB--	0	WB-- 2	EB--	0	WB-- 2	EB--	0	WB-- 2	EB--	0	WB-- 2	EB--	0	WB-- 2	EB--	0	WB-- 2	EB--	0	WB-- 2	EB--	0	WB-- 2
ATSAC-1 or ATSAC+ATCS-2?			2			2			2					2					2					2
Override Capacity			0			0			0					0					0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	64	1	64	0	64	**64**	0	65	1	65	0	65	1	**65**	0	65	1	**65**
	Left-Through		0							0				0				0	
	Through	1009	2	**505**	0	1009	505	184	1205	2	**603**	0	1205	2	603	0	1205	2	603
	Through-Right		0							0				0				0	
	Right	81	1	0	0	81	0	0	82	1	0	0	82	1	0	0	82	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	67	1	**67**	0	67	67	0	68	1	**68**	0	68	1	68	0	68	1	68
	Left-Through		0							0				0				0	
	Through	974	2	487	185	1159	**580**	172	1158	2	579	185	1343	2	**672**	0	1343	2	**672**
	Through-Right		0							0				0				0	
	Right	53	1	6	0	53	6	0	54	1	6	0	54	1	6	0	54	1	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	95	1	95	0	95	**95**	0	96	1	96	0	96	1	**96**	0	96	1	**96**
	Left-Through		0							0				0				0	
	Through	304	2	**152**	4	308	154	77	385	2	**193**	4	389	2	195	0	389	2	195
	Through-Right		0							0				0				0	
	Right	46	1	14	0	46	14	0	47	1	15	0	47	1	15	0	47	1	15
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	102	1	**102**	7	109	109	0	103	1	**103**	7	110	1	110	0	110	1	110
	Left-Through		0							0				0				0	
	Through	333	2	127	196	529	**197**	79	416	2	155	196	612	2	**225**	0	612	2	**225**
	Through-Right		1							1				1				1	
	Right	48	0	48	13	61	61	0	49	0	49	13	62	0	62	0	62	0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		572	North-South:		644	North-South:			671	North-South:			737	North-South:			737
		East-West:		254	East-West:		292	East-West:			296	East-West:			321	East-West:			321
		SUM:		826	SUM:		936	SUM:			967	SUM:			1058	SUM:			1058
VOLUME/CAPACITY (V/C) RATIO:				0.601			0.681				0.703				0.769				0.769
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.501			0.581				0.603				0.669				0.669
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.066 | Δv/c after mitigation: 0.066

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	162	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAECC

No. of Phases			3			3			3					3					3					3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0					0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2					2					2					2
Override Capacity			0			0			0					0					0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	77	1	77	0	77	**77**	0	78	1	78	0	78	1	**78**	0	78	1	**78**
	Left-Through		0							0				0				0	
	Through	831	2	**416**	15	846	423	200	1041	2	**521**	15	1056	2	528	0	1056	2	528
	Through-Right		0							0				0				0	
	Right	87	1	51	0	87	44	0	88	1	52	0	88	1	45	0	88	1	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	119	1	**119**	0	119	119	12	132	1	**132**	0	132	1	132	0	132	1	132
	Left-Through		0							0				0				0	
	Through	884	2	442	352	1236	**618**	144	1039	2	520	352	1391	2	**696**	0	1391	2	**696**
	Through-Right		0							0				0				0	
	Right	154	1	95	51	205	146	0	156	1	96	51	207	1	147	0	207	1	147
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	119	1	**119**	0	119	**119**	0	120	1	**120**	0	120	1	**120**	0	120	1	**120**
	Left-Through		0							0				0				0	
	Through	298	2	113	4	302	115	77	379	2	141	4	383	2	142	0	383	2	142
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	72	1	72	14	86	86	0	73	1	73	14	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	275	2	**119**	165	440	**175**	79	357	2	**152**	165	522	2	**208**	65	587	2	**230**
	Through-Right		1							1				1				1	
	Right	82	0	82	3	85	85	16	99	0	99	3	102	0	102	0	102	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		535	North-South:		695	North-South:			653	North-South:			774	North-South:			774
		East-West:		238	East-West:		294	East-West:			272	East-West:			328	East-West:			350
		SUM:		773	SUM:		989	SUM:			925	SUM:			1102	SUM:			1124
VOLUME/CAPACITY (V/C) RATIO:				0.542			0.694				0.649				0.773				0.789
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.442			0.594				0.549				0.673				0.689
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.124 | Δv/c after mitigation: 0.140

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	163	North-South Street:	I-10 WB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	20th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAECC

No. of Phases			2			2			2					2					2					2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0					0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	2	SB-- 0	NB--	2	SB-- 0	NB--	2	SB-- 0	NB--	2	SB-- 0	NB--	2	SB-- 0	NB--	2	SB-- 0	NB--	2	SB-- 0	NB--	2	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2					2					2					2
Override Capacity			0			0			0					0					0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	40	1	40	0	40	40	0	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	285	1	**285**	2	287	**287**	51	339	1	**339**	2	341	1	**341**	0	341	1	**341**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	32	0	**55**	0	32	**55**	0	32	1	**55**	0	32	1	**55**	0	32	1	**55**
	Through-Right		1							1				1				1	
	Right	23	0	0	0	23	0	0	23	0	0	0	23	0	0	0	23	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	464	1	**464**	340	804	**804**	97	567	1	**567**	340	907	1	**907**	0	907	1	**907**
	Left-Through		0							0				0				0	
	Through	46	1	46	0	46	46	0	47	1	47	0	47	1	47	0	47	1	47
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		285	North-South:		287	North-South:			339	North-South:			341	North-South:			341
		East-West:		519	East-West:		859	East-West:			622	East-West:			962	East-West:			962
		SUM:		804	SUM:		1146	SUM:			961	SUM:			1303	SUM:			1303
VOLUME/CAPACITY (V/C) RATIO:				0.536			0.764				0.641				0.869				0.869
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.436			0.664				0.541				0.769				0.769
LEVEL OF SERVICE (LOS):				A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.228 | Δv/c after mitigation: 0.228

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	164	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	I-10 EB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAECC

No. of Phases			3			3			3					3					3					3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0					0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2					2					2					2
Override Capacity			0			0			0					0					0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	799	2	**400**	0	799	**400**	147	956	2	**478**	0	956	2	**478**	0	956	2	**478**
	Through-Right		0							0				0				0	
	Right	159	1	159	0	159	159	0	161	1	161	0	161	1	161	0	161	1	161
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	474	2	**261**	0	474	**261**	34	514	2	**283**	0	514	2	**283**	0	514	2	**283**
	Left-Through		0							0				0				0	
	Through	700	2	350	32	732	366	65	773	2	387	32	805	2	403	0	805	2	403
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	346	1	**346**	0	346	**346**	66	416	1	**416**	0	416	1	**416**	0	416	1	**416**
	Left-Through		0							0				0				0	
	Through	18	0	272	0	18	272	0	18	0	317	0	18	0	317	0	18	0	317
	Through-Right		1							1				1				1	
	Right	254	0	0	0	254	0	42	299	0	0	0	299	0	0	0	299	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		661	North-South:		661	North-South:			761	North-South:			761	North-South:			761
		East-West:		346	East-West:		346	East-West:			416	East-West:			416	East-West:			416
		SUM:		1007	SUM:		1007	SUM:			1177	SUM:			1177	SUM:			1177
VOLUME/CAPACITY (V/C) RATIO:				0.707			0.707				0.826				0.826				0.826
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.607			0.607				0.726				0.726				0.726
LEVEL OF SERVICE (LOS):				B			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	165	North-South Street:	I-10 EB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Hoover	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3				3				3				3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	672	2	302	0	672	302	110	790	2	343	0	790	2	343	0	790	2	343
	Through-Right		1							1				1				1	
	Right	235	0	235	0	235	235	0	238	0	238	0	238	0	238	0	238	0	238
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	230	1	230	0	230	230	1	234	1	234	0	234	1	234	0	234	1	234
	Left-Through		0							0				0				0	
	Through	734	3	245	26	760	253	73	816	3	272	26	842	3	281	0	842	3	281
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	377	1	303	13	390	309	65	447	1	346	13	460	1	352	0	460	1	352
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	228	0	303	0	228	309	13	244	0	346	0	244	0	352	0	244	0	352
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		532	North-South:		532	North-South:			577	North-South:			577	North-South:			577
		East-West:		303	East-West:		309	East-West:			346	East-West:			352	East-West:			352
		SUM:		835	SUM:		841	SUM:			923	SUM:			929	SUM:			929
VOLUME/CAPACITY (V/C) RATIO:				0.586			0.590				0.648				0.652				0.652
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.486			0.490				0.548				0.552				0.552
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.004 Δv/c after mitigation: 0.004

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	166	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	Left-Through		1							1				1				1	
	Through	81	0	62	0	81	97	118	200	0	134	0	200	0	186	0	200	0	186
	Through-Right		1							1				1				1	
	Right	16	0	62	0	16	0	0	16	0	134	0	16	0	186	0	16	0	186
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	0	17	174	191	191	4	21	0	21	174	195	0	195	0	195	0	195
	Left-Through		1							1				1				1	
	Through	189	0	110	1336	1525	906	147	338	0	192	1336	1674	0	987	0	1674	0	987
	Through-Right		1							1				1				1	
	Right	14	0	110	81	95	906	10	24	0	192	81	105	0	987	0	105	0	987
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through		1							1				1				1	
	Through	138	0	79	392	530	532	4	144	0	82	392	536	0	538	0	536	0	538
	Through-Right		1							1				1				1	
	Right	18	0	79	559	577	564	0	18	0	82	559	577	0	577	0	577	0	577
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	13	0	13	0	13	13	0	13	0	13	0	13	0	13	0	13	0	13
	Left-Through		1							1				1				1	
	Through	114	0	66	40	154	118	20	135	0	79	40	175	0	132	0	175	0	132
	Through-Right		1							1				1				1	
	Right	4	0	66	0	4	118	6	10	0	79	0	10	0	132	0	10	0	132
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		136	North-South:		932	North-South:			218	North-South:			1013	North-South:			1013
		East-West:		92	East-West:		577	East-West:			95	East-West:			590	East-West:			590
		SUM:		228	SUM:		1509	SUM:			313	SUM:			1603	SUM:			1603
VOLUME/CAPACITY (V/C) RATIO:				0.152			1.006				0.209				1.069				1.069
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.076			0.906				0.109				0.969				0.969
LEVEL OF SERVICE (LOS):				A			E				A				E				E

PROJECT IMPACT

Change in v/c due to project: 0.860 Δv/c after mitigation: 0.860

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	167	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	12	1	12	17	29	29	11	23	1	23	17	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	187	1	99	1	188	100	91	280	1	146	1	281	1	146	0	281	1	146
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	258	1	138	96	354	186	91	352	1	187	96	448	1	235	0	448	1	235
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	4	21	0	21	0	21	0	21	0	21	0	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through		1							1				1				1	
	Through	118	0	84	485	603	367	5	124	1	88	485	609	1	372	0	609	1	372
	Through-Right		1							1				1				1	
	Right	38	0	84	82	120	367	3	41	0	88	83	124	0	372	0	124	0	372
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
	Left-Through		1							1				1				1	
	Through	93	0	58	23	116	85	12	106	0	65	23	129	0	91	0	129	0	91
	Through-Right		1							1				1				1	
	Right	13	0	58	0	13	85	0	13	0	65	0	13	0	91	0	13	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		150	North-South:		215	North-South:			210	North-South:			275	North-South:			275
		East-West:		94	East-West:		377	East-West:			98	East-West:			382	East-West:			382
		SUM:		244	SUM:		592	SUM:			308	SUM:			657	SUM:			657
VOLUME/CAPACITY (V/C) RATIO:				0.163			0.395				0.205				0.438				0.438
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.081			0.295				0.105				0.338				0.338
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.233 Δv/c after mitigation: 0.233

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	168	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	16	1	16	0	16	16	0	16	1	16	0	16	1	16	0	16	1	16
	Left-Through		0							0				0				0	
	Through	173	1	90	0	173	90	110	285	1	146	0	285	1	146	0	285	1	146
	Through-Right		1							1				1				1	
	Right	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	199	1	106	2	201	111	113	314	0	330	2	316	0	341	0	316	0	341
	Through-Right		1							1				1				1	
	Right	12	0	12	9	21	21	4	16	0	0	9	25	0	0	0	25	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	28	0	28	8	36	36	0	28	0	28	8	36	0	36	0	36	0	36
	Left-Through		1							1				1				1	
	Through	81	1	67	477	558	309	5	87	0	70	477	564	0	312	0	564	0	312
	Through-Right		1							1				1				1	
	Right	24	0	67	0	24	309	0	24	0	70	0	24	0	312	0	24	0	312
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	5	0	5	0	5	5	0	5	0	5	0	5	0	5	0	5	0	5
	Left-Through		1							1				1				1	
	Through	85	0	47	14	99	56	7	93	0	51	14	107	0	60	0	107	0	60
	Through-Right		1							1				1				1	
	Right	3	0	47	0	3	56	0	3	0	51	0	3	0	60	0	3	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		122	North-South:		127	North-South:			346	North-South:			357	North-South:			357
		East-West:		75	East-West:		314	East-West:			79	East-West:			317	East-West:			317
		SUM:		197	SUM:		441	SUM:			425	SUM:			674	SUM:			674
VOLUME/CAPACITY (V/C) RATIO:				0.131			0.294				0.283				0.449				0.449
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.066			0.194				0.183				0.349				0.349
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.166 Δv/c after mitigation: 0.166

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	169	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- / EB-- 0 WB-- | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	3	0 1	3	0	3	3	0	3	0 1	3	0	3	0 1	3	0	3	0 1	3
NORTHBOUND Left-Through																		
NORTHBOUND Through	84	0 1	45	0	84	45	28	113	0 1	60	0	113	0 1	60	0	113	0 1	60
NORTHBOUND Through-Right																		
NORTHBOUND Right	3	0	45	0	3	45	0	3	0	60	0	3	0	60	0	3	0	60
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	7	0 1	7	0	7	7	0	7	0 1	7	0	7	0 1	7	0	7	0 1	7
SOUTHBOUND Left-Through																		
SOUTHBOUND Through	259	0 1	136	1	260	137	23	285	0 1	149	1	286	0 1	150	0	286	0 1	150
SOUTHBOUND Through-Right																		
SOUTHBOUND Right	6	0	136	0	6	137	0	6	0	149	0	6	0	150	0	6	0	150
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	6	0 1	6	0	6	6	0	6	0 1	6	0	6	0 1	6	0	6	0 1	6
EASTBOUND Left-Through																		
EASTBOUND Through	64	0 1	49	459	523	279	0	65	0 1	50	459	524	0 1	279	0	524	0 1	279
EASTBOUND Through-Right																		
EASTBOUND Right	28	0	49	0	28	279	0	28	0	50	0	28	0	279	0	28	0	279
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	23	0 1	23	0	23	23	0	23	0 1	23	0	23	0 1	23	0	23	0 1	23
WESTBOUND Left-Through																		
WESTBOUND Through	99	0 1	66	14	113	84	7	107	0 1	70	14	121	0 1	88	0	121	0 1	88
WESTBOUND Through-Right																		
WESTBOUND Right	9	0	66	0	9	84	0	9	0	70	0	9	0	88	0	9	0	88
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		139	North-South:		140	North-South:			152	North-South:			153	North-South:			153
	East-West:		72	East-West:		302	East-West:			76	East-West:			302	East-West:			302
	SUM:		211	SUM:		442	SUM:			228	SUM:			455	SUM:			455
VOLUME/CAPACITY (V/C) RATIO:			0.141			0.295				0.152				0.303				0.303
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.070			0.195				0.076				0.203				0.203
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.127 | Δv/c after mitigation: 0.127 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	170	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- / EB-- 0 WB-- | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	52	1 0	52	0	52	52	0	53	1 0	53	0	53	1 0	53	0	53	1 0	53
NORTHBOUND Left-Through																		
NORTHBOUND Through	148	2 1	74	0	148	74	0	150	2 1	75	0	150	2 1	75	0	150	2 1	75
NORTHBOUND Through-Right																		
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
SOUTHBOUND Left-Through																		
SOUTHBOUND Through	404	1 1	251	0	404	254	0	409	1 1	254	0	409	1 1	257	0	409	1 1	257
SOUTHBOUND Through-Right																		
SOUTHBOUND Right	97	0	97	6	103	103	0	98	0	98	6	104	0	104	0	104	0	104
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	18	1 0	18	0	18	18	0	18	1 0	18	0	18	1 0	18	0	18	1 0	18
EASTBOUND Left-Through																		
EASTBOUND Through	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
EASTBOUND Through-Right																		
EASTBOUND Right	71	1	45	458	529	503	0	72	1	46	458	530	1	504	0	530	1	504
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	215	1 0	215	0	215	215	0	218	1 0	218	0	218	1 0	218	0	218	1 0	218
WESTBOUND Left-Through																		
WESTBOUND Through	124	1 1	120	14	138	127	7	132	1 1	125	14	146	1 1	132	0	146	1 1	132
WESTBOUND Through-Right																		
WESTBOUND Right	116	0	116	0	116	116	0	117	0	117	0	117	0	117	0	117	0	117
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		303	North-South:		306	North-South:			307	North-South:			310	North-South:			310
	East-West:		260	East-West:		718	East-West:			264	East-West:			722	East-West:			722
	SUM:		563	SUM:		1024	SUM:			571	SUM:			1032	SUM:			1032
VOLUME/CAPACITY (V/C) RATIO:			0.375			0.683				0.381				0.688				0.688
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.275			0.583				0.281				0.588				0.588
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.307 | Δv/c after mitigation: 0.307 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	171	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- / EB-- 0 WB-- | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	127	1 0	127	0	127	127	0	129	1 0	129	0	129	1 0	129	0	129	1 0	129
NORTHBOUND Left-Through																		
NORTHBOUND Through	146	2 0	73	6	152	76	40	188	2 0	94	6	194	2 0	97	0	194	2 0	97
NORTHBOUND Through-Right																		
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
SOUTHBOUND Left-Through																		
SOUTHBOUND Through	260	1 1	184	122	382	245	42	305	1 1	207	122	427	1 1	268	0	427	1 1	268
SOUTHBOUND Through-Right																		
SOUTHBOUND Right	107	0	107	1	108	108	0	108	0	108	1	109	0	109	0	109	0	109
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
EASTBOUND Left-Through																		
EASTBOUND Through	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
EASTBOUND Through-Right																		
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	223	0 1	223	0	223	223	0	226	0 1	226	0	226	0 1	226	0	226	0 1	226
WESTBOUND Left-Through																		
WESTBOUND Through	130	2 0	65	4	134	67	7	139	2 0	70	4	143	2 0	72	0	143	2 0	72
WESTBOUND Through-Right																		
WESTBOUND Right	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		311	North-South:		372	North-South:			336	North-South:			397	North-South:			397
	East-West:		223	East-West:		223	East-West:			226	East-West:			226	East-West:			226
	SUM:		534	SUM:		595	SUM:			562	SUM:			623	SUM:			623
VOLUME/CAPACITY (V/C) RATIO:			0.375			0.418				0.394				0.437				0.437
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.275			0.318				0.294				0.337				0.337
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.043 | Δv/c after mitigation: 0.043 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	172	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- / EB-- 0 WB-- | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	33	1 0	33	5	38	38	0	33	1 0	33	5	38	1 0	38	0	38	1 0	38
NORTHBOUND Left-Through																		
NORTHBOUND Through	396	1 1	211	1	397	211	85	486	1 1	256	1	487	1 1	256	0	487	1 1	256
NORTHBOUND Through-Right																		
NORTHBOUND Right	25	0	25	0	25	25	0	25	0	25	0	25	0	25	0	25	0	25
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	27	1 0	27	19	46	46	12	39	1 0	39	19	58	1 0	58	0	58	1 0	58
SOUTHBOUND Left-Through																		
SOUTHBOUND Through	360	1 1	195	103	463	247	117	481	1 1	257	103	584	1 1	309	0	584	1 1	309
SOUTHBOUND Through-Right																		
SOUTHBOUND Right	30	0	30	0	30	30	3	33	0	33	0	33	0	33	0	33	0	33
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	75	1 0	75	5	80	80	7	83	1 0	83	5	88	1 0	88	0	88	1 0	88
EASTBOUND Left-Through																		
EASTBOUND Through	232	1	152	325	557	334	60	295	1	184	325	620	1	366	0	620	1	366
EASTBOUND Through-Right									1				1				1	
EASTBOUND Right	71	0	71	40	111	111	0	72	0	72	40	112	0	112	0	112	0	112
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	48	1 0	48	0	48	48	0	49	1 0	49	0	49	1 0	49	0	49	1 0	49
WESTBOUND Left-Through																		
WESTBOUND Through	226	1 1	133	1	227	133	57	286	1 1	172	1	287	1 1	173	0	287	1 1	173
WESTBOUND Through-Right																		
WESTBOUND Right	39	0	39	0	39	39	19	58	0	58	0	58	0	58	0	58	0	58
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		238	North-South:		285	North-South:			295	North-South:			347	North-South:			347
	East-West:		208	East-West:		382	East-West:			255	East-West:			415	East-West:			415
	SUM:		446	SUM:		667	SUM:			550	SUM:			762	SUM:			762
VOLUME/CAPACITY (V/C) RATIO:			0.324			0.485				0.400				0.554				0.554
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.224			0.385				0.300				0.454				0.454
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.154 | Δv/c after mitigation: 0.154 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	173	North-South Street:	Wilton Place (ext. of Arlington)	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		49	1	49	0	49	49	0	50	1	50	0	50	1	50	0	50	1	50
	Left-Through			0							0				0				0	
	Through		619	1	342	0	619	342	0	626	1	346	0	626	1	346	0	626	1	346
	Through-Right			1							1				1				1	
	Right		65	0	65	0	65	65	0	66	0	66	0	66	0	66	0	66	0	66
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		24	1	24	0	24	24	0	24	1	24	0	24	1	24	0	24	1	24
	Left-Through			0							0				0				0	
	Through		579	1	329	0	579	329	0	586	1	333	0	586	1	333	0	586	1	333
	Through-Right			1							1				1				1	
	Right		79	0	79	0	79	79	0	80	0	80	0	80	0	80	0	80	0	80
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		144	1	144	0	144	144	0	146	1	146	0	146	1	146	0	146	1	146
	Left-Through			0							0				0				0	
	Through		707	2	250	3	710	251	62	778	2	274	3	781	2	275	0	781	2	275
	Through-Right			1							1				1				1	
	Right		43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		100	1	100	0	100	100	0	101	1	101	0	101	1	101	0	101	1	101
	Left-Through			0							0				0				0	
	Through		632	2	222	57	689	241	66	706	2	247	57	763	2	266	0	763	2	266
	Through-Right			1							1				1				1	
	Right		35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		378	North-South:		378	North-South:			383	North-South:			383	North-South:			383
			East-West:		366	East-West:		385	East-West:			393	East-West:			412	East-West:			475
			SUM:		744	SUM:		763	SUM:			776	SUM:			795	SUM:			858
	VOLUME/CAPACITY (V/C) RATIO:				0.496			0.509				0.517				0.530				0.536
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.426			0.439				0.417				0.430				0.436
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.013 | Δv/c after mitigation: 0.013

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	174	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		49	1	49	0	49	49	0	50	1	50	0	50	1	50	0	50	1	50
	Left-Through			0							0				0				0	
	Through		508	2	254	0	508	254	0	514	2	257	0	514	2	257	0	514	2	257
	Through-Right			1							1				1				1	
	Right		59	1	29	0	59	29	0	60	1	29	0	60	1	29	0	60	1	29
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		71	1	71	0	71	71	0	72	1	72	0	72	1	72	0	72	1	72
	Left-Through			0							0				0				0	
	Through		495	2	248	0	495	248	0	501	2	251	0	501	2	251	0	501	2	251
	Through-Right			0							0				0				0	
	Right		103	1	49	0	103	49	0	104	1	50	0	104	1	50	0	104	1	50
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		108	1	108	0	108	108	0	109	1	109	0	109	1	109	0	109	1	109
	Left-Through			0							0				0				0	
	Through		721	3	240	11	732	244	139	869	3	290	11	880	3	293	0	880	3	293
	Through-Right			0							0				0				0	
	Right		51	1	27	0	51	27	0	52	1	27	0	52	1	27	0	52	1	27
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		61	1	61	0	61	61	0	62	1	62	0	62	1	62	0	62	1	62
	Left-Through			0							0				0				0	
	Through		673	3	224	268	941	314	149	830	3	277	269	1099	3	366	0	1099	3	366
	Through-Right			0							0				0				0	
	Right		55	1	20	0	55	20	0	56	1	20	0	56	1	20	0	56	1	20
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		325	North-South:		325	North-South:			329	North-South:			329	North-South:			329
			East-West:		332	East-West:		422	East-West:			386	East-West:			475	East-West:			475
			SUM:		657	SUM:		747	SUM:			715	SUM:			804	SUM:			804
	VOLUME/CAPACITY (V/C) RATIO:				0.438			0.498				0.477				0.536				0.536
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.338			0.398				0.377				0.436				0.436
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.059 | Δv/c after mitigation: 0.059

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	175	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		77	1	77	0	77	77	0	78	1	78	0	78	1	78	0	78	1	78
	Left-Through			0							0				0				0	
	Through		497	2	249	0	497	249	0	503	2	252	0	503	2	252	0	503	2	252
	Through-Right			0							0				0				0	
	Right		42	1	24	0	42	24	0	43	1	25	0	43	1	25	0	43	1	25
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		65	1	65	0	65	65	0	66	1	66	0	66	1	66	0	66	1	66
	Left-Through			0							0				0				0	
	Through		480	2	240	0	480	240	0	486	2	243	0	486	2	243	0	486	2	243
	Through-Right			0							0				0				0	
	Right		72	1	40	0	72	40	0	73	1	40	0	73	1	40	0	73	1	40
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		65	1	65	0	65	65	0	66	1	66	0	66	1	66	0	66	1	66
	Left-Through			0							0				0				0	
	Through		449	1	252	11	460	258	85	539	1	298	12	551	1	304	0	551	1	304
	Through-Right			1							1				1				1	
	Right		55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
	Left-Through			0							0				0				0	
	Through		382	1	221	83	465	262	88	475	1	268	83	558	1	309	0	558	1	309
	Through-Right			1							1				1				1	
	Right		59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		317	North-South:		317	North-South:			321	North-South:			321	North-South:			321
			East-West:		289	East-West:		327	East-West:			335	East-West:			375	East-West:			375
			SUM:		606	SUM:		644	SUM:			656	SUM:			696	SUM:			696
	VOLUME/CAPACITY (V/C) RATIO:				0.404			0.429				0.437				0.464				0.464
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.304			0.329				0.337				0.364				0.364
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.027 | Δv/c after mitigation: 0.027

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	176	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		48	0	48	0	48	48	0	49	0	49	0	49	0	49	0	49	0	49
	Left-Through			1							1				1				1	
	Through		582	0	360	0	582	360	0	589	0	365	0	589	0	365	0	589	0	365
	Through-Right			1							1				1				1	
	Right		42	0	360	0	42	360	0	43	0	365	0	43	0	365	0	43	0	365
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through			1							1				1				1	
	Through		536	0	352	0	536	352	0	542	0	355	0	542	0	355	0	542	0	355
	Through-Right			1							1				1				1	
	Right		51	0	352	0	51	352	0	52	0	355	0	52	0	355	0	52	0	355
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
	Left-Through			0							0				0				0	
	Through		405	2	203	6	411	206	34	444	2	222	6	450	2	225	0	450	2	225
	Through-Right			0							0				0				0	
	Right		76	1	76	0	76	76	0	77	1	77	0	77	1	77	0	77	1	77
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		42	1	42	0	42	42	0	43	1	43	0	43	1	43	0	43	1	43
	Left-Through			0							0				0				0	
	Through		401	1	222	171	572	308	28	434	1	239	171	605	1	325	0	605	1	325
	Through-Right			1							1				1				1	
	Right		43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		400	North-South:		400	North-South:			404	North-South:			404	North-South:			404
			East-West:		425	East-West:		514	East-West:			461	East-West:			550	East-West:			550
			SUM:		825	SUM:		914	SUM:			865	SUM:			954	SUM:			954
	VOLUME/CAPACITY (V/C) RATIO:				0.550			0.609				0.577				0.636				0.636
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.450			0.509				0.477				0.536				0.536
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.059 | Δv/c after mitigation: 0.059

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Sunday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
177	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
	No. of Phases			2			2			2	2			2				2	2
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0				0				0				0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB-- EB-- 0 WB--		0	NB-- 0 SB-- EB-- 0 WB--		0	NB-- 0 SB-- EB-- 0 WB--			0	NB-- 0 SB-- EB-- 0 WB--			0	NB-- 0 SB-- EB-- 0 WB--			0
	ATSAC-1 or ATSAC+ATCS-2?			2			2				2				2				2
	Override Capacity			0			0				0				0				0
NORTHBOUND	Left	48	0	48	0	48	48	0	49	0	49	0	49	0	49	0	49	0	49
	Left-Through		1							1				1				1	
	Through	584	0	**430**	0	584	**430**	0	591	0	**436**	0	591	0	**436**	0	591	0	**436**
	Through-Right		1							1				1				1	
	Right	83	0	430	0	83	430	0	84	0	436	0	84	0	436	0	84	0	436
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	25	0	**25**	0	25	**25**	0	25	0	**25**	0	25	0	**25**	0	25	0	**25**
	Left-Through		1							1				1				1	
	Through	624	0	384	0	624	384	0	632	0	388	0	632	0	388	0	632	0	388
	Through-Right		1							1				1				1	
	Right	43	0	384	0	43	384	0	44	0	388	0	44	0	388	0	44	0	388
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	61	1	61	0	61	61	0	62	1	62	0	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	316	1	**197**	4	320	**199**	77	397	1	**238**	4	401	1	**240**	0	401	1	**240**
	Through-Right		1							1				1				1	
	Right	77	0	77	0	77	77	0	78	0	78	0	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	82	1	**82**	0	82	**82**	0	83	1	**83**	0	83	1	**83**	0	83	1	**83**
	Left-Through		0							0				0				0	
	Through	282	2	106	172	454	163	79	364	2	133	173	537	2	191	0	537	2	191
	Through-Right		1							1				1				1	
	Right	36	0	36	0	36	36	0	36	0	36	0	36	0	36	0	36	0	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		455	*North-South:*		455	*North-South:*			461	*North-South:*			461	*North-South:*			461
		East-West:		279	*East-West:*		281	*East-West:*			321	*East-West:*			323	*East-West:*			323
		SUM:		734	*SUM:*		736	*SUM:*			782	*SUM:*			784	*SUM:*			784
	VOLUME/CAPACITY *(V/C)* RATIO:			0.489			0.491				0.521				0.523				0.523
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.389			0.391				0.421				0.423				0.423
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.002 — *Δv/c* after mitigation: 0.002

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
1	Georgia	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Olympic	2017			LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 3 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	13	0	13	0	13	13	29	42	0	42	0	42	0	42	0	42	0	42
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	10	1	10	0	10	10	23	33	1	33	0	33	1	33	0	33	1	33
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	62	1	0	33	95	0	8	71	1	0	57	128	1	0	0	128	1	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	7	0	42	0	7	42	0	7	0	85	0	7	0	85	0	7	0	85
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	16	0	0	0	16	0	43	59	0	0	0	59	0	0	0	59	0	0
SOUTHBOUND Left-Through-Right		1							1				1				1	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	291	1	291	65	356	356	93	388	1	388	65	453	1	453	0	453	1	453
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	976	3	325	495	1471	490	254	1242	3	414	538	1780	3	593	0	1780	3	593
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	50	1	44	88	138	132	31	82	1	61	88	170	1	149	0	170	1	149
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	96	1	96	101	197	197	39	136	1	136	175	311	1	311	0	311	1	311
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	903	2	346	10	913	359	180	1094	2	432	97	1191	2	474	0	1191	2	474
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	136	0	136	28	164	164	64	202	0	202	28	230	0	230	0	230	0	230
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		55	North-South:		55	North-South:			127	North-South:			127	North-South:			127
	East-West:		637	East-West:		715	East-West:			820	East-West:			927	East-West:			927
	SUM:		692	SUM:		770	SUM:			947	SUM:			1054	SUM:			1054
VOLUME/CAPACITY (V/C) RATIO:			0.486			0.540				0.665				0.740				0.740
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.386			0.440				0.565				0.640				0.640
LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.075 | Δv/c after mitigation: 0.075
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
2	Francisco	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Olympic	2017			LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 1 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 3 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	9	0	18	0	9	18	0	9	0	18	0	9	0	18	0	9	0	18
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	18	1	0	0	18	0	0	18	1	0	0	18	1	0	0	18	1	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	11	1	11	0	11	11	58	69	1	69	0	69	1	69	0	69	1	69
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	5	0	38	0	5	38	0	5	0	38	0	5	0	38	0	5	0	38
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	33	0	0	0	33	0	0	33	0	0	0	33	0	0	0	33	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	141	1	141	15	156	156	0	143	1	143	15	158	1	158	0	158	1	158
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	753	2	305	445	1198	476	261	1023	2	395	510	1533	2	589	0	1533	2	589
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	161	0	161	68	229	229	0	163	0	163	70	233	0	233	0	233	0	233
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	59	1	59	346	405	405	0	60	1	60	267	327	1	327	0	327	1	327
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	1062	2	388	139	1201	475	283	1358	2	510	377	1735	2	677	0	1735	2	677
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	101	0	101	124	225	225	69	171	0	171	124	295	0	295	0	295	0	295
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		56	North-South:		56	North-South:			87	North-South:			87	North-South:			87
	East-West:		529	East-West:		881	East-West:			653	East-West:			916	East-West:			916
	SUM:		585	SUM:		937	SUM:			740	SUM:			1003	SUM:			1003
VOLUME/CAPACITY (V/C) RATIO:			0.425			0.681				0.538				0.729				0.729
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.325			0.581				0.438				0.629				0.629
LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.191 | Δv/c after mitigation: 0.191
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
3	Figueroa	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Olympic	2017			LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 3 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	270	1	270	10	280	280	133	406	1	406	10	416	1	416	0	416	1	416
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	799	4	200	85	884	221	584	1393	4	348	144	1537	4	384	0	1537	4	384
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	179	1	142	163	342	315	57	238	1	180	0	238	1	190	0	238	1	190
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	140	1	140	127	267	267	24	166	1	166	127	293	1	293	0	293	1	293
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	490	3	163	97	587	196	230	726	3	242	78	804	3	268	0	804	3	268
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	165	1	0	221	386	106	65	232	1	0	305	537	1	121	0	537	1	121
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	74	1	74	-20	54	54	42	117	1	117	-20	97	1	97	0	97	1	97
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	1045	3	348	599	1644	548	219	1277	3	426	681	1958	3	653	0	1958	3	653
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	234	1	234	143	377	377	79	316	1	316	143	459	1	459	0	459	1	459
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		270	North-South:		315	North-South:			406	North-South:			416	North-South:			416
	East-West:		488	East-West:		815	East-West:			592	East-West:			946	East-West:			946
	SUM:		758	SUM:		1130	SUM:			998	SUM:			1362	SUM:			1362
VOLUME/CAPACITY (V/C) RATIO:			0.532			0.793				0.700				0.956				0.956
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.432			0.693				0.600				0.856				0.856
LEVEL OF SERVICE (LOS):			A			B				B				D				D

PROJECT IMPACT

Change in v/c due to project: 0.256 | Δv/c after mitigation: 0.256
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
4	Flower	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Olympic	2017			LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	106	0	106	0	106	106	15	122	0	122	0	122	0	122	0	122	0	122
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	445	3	138	61	506	153	650	1100	3	306	62	1162	3	321	0	1162	3	321
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	389	1	389	224	613	613	41	435	1	435	224	659	1	659	0	659	1	659
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	560	2	280	-16	544	272	272	839	2	420	-54	785	2	393	0	785	2	393
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	117	1	117	113	230	230	16	134	1	134	132	266	1	266	0	266	1	266
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	76	1	76	151	227	227	10	87	1	87	151	238	1	238	0	238	1	238
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	920	2	460	518	1438	719	299	1230	2	615	524	1754	2	877	0	1754	2	877
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		389	North-South:		613	North-South:			435	North-South:			659	North-South:			659
	East-West:		460	East-West:		719	East-West:			615	East-West:			877	East-West:			877
	SUM:		849	SUM:		1332	SUM:			1050	SUM:			1536	SUM:			1536
VOLUME/CAPACITY (V/C) RATIO:			0.566			0.888				0.700				1.024				1.024
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.466			0.788				0.600				0.924				0.924
LEVEL OF SERVICE (LOS):			A			C				A				E				E

PROJECT IMPACT

Change in v/c due to project: 0.324 | Δv/c after mitigation: 0.324
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	5	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	72	1	72	0	72	72	58	131	1	131	0	131	1	131	0	131	1	131
	Left-Through		0							0				0				0	
	Through	413	4	103	41	454	114	336	754	4	189	41	795	4	199	0	795	4	199
	Through-Right		0							0				0				0	
	Right	188	1	188	32	220	220	54	244	1	244	32	276	1	276	0	276	1	276
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	585	1	317	-72	513	290	229	821	1	463	-110	711	1	418	0	711	1	418
	Through-Right		1							1				1				1	
	Right	48	0	48	19	67	67	56	105	0	105	19	124	0	124	0	124	0	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	1	24	0	24	24	11	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	767	2	384	537	1304	652	248	1024	2	512	547	1571	2	786	0	1571	2	786
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		188	North-South:		220	North-South:			244	North-South:			276	North-South:			276
		East-West:		384	East-West:		652	East-West:			512	East-West:			786	East-West:			786
		SUM:		572	SUM:		872	SUM:			756	SUM:			1062	SUM:			1062
VOLUME/CAPACITY (V/C) RATIO:				0.381			0.581				0.504				0.708				0.708
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.281			0.481				0.404				0.608				0.608
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.204 | Δv/c after mitigation: 0.204 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	6	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	70	0	70	309	379	379	48	119	0	119	317	436	0	436	0	436	0	436
	Left-Through		1							1				1				1	
	Through	384	2	123	106	490	245	327	716	2	222	181	897	2	374	0	897	2	374
	Through-Right		1							1				1				1	
	Right	38	0	123	72	110	245	15	53	0	222	110	163	0	374	0	163	0	374
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	77	1	77	0	77	77	78	156	1	156	0	156	1	156	0	156	1	156
	Left-Through		0							0				0				0	
	Through	526	2	263	-72	454	227	210	742	2	371	-110	632	2	316	0	632	2	316
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	732	1	398	228	960	512	211	952	1	534	230	1182	1	649	0	1182	1	649
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	51	116	0	116	0	116	0	116	0	116	0	116
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		123	North-South:		379	North-South:			222	North-South:			436	North-South:			436
		East-West:		475	East-West:		589	East-West:			690	East-West:			805	East-West:			805
		SUM:		598	SUM:		968	SUM:			912	SUM:			1241	SUM:			1241
VOLUME/CAPACITY (V/C) RATIO:				0.399			0.645				0.608				0.827				0.827
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.299			0.545				0.508				0.727				0.727
LEVEL OF SERVICE (LOS):				A			A				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.219 | Δv/c after mitigation: 0.219 | Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	7	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	41	1	41	160	201	201	39	80	1	80	162	242	1	242	0	242	1	242
	Left-Through		0							0				0				0	
	Through	163	1	100	100	263	150	107	272	1	201	100	372	1	251	0	372	1	251
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	92	129	0	129	0	129	0	129	0	129	0	129
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	55	1	55	0	55	55	3	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	347	2	174	0	347	174	249	600	2	300	0	600	2	300	0	600	2	300
	Through-Right		0							0				0				0	
	Right	157	1	131	16	173	147	39	198	1	162	16	214	1	178	0	214	1	178
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	52	1	52	0	52	52	19	72	1	72	0	72	1	72	0	72	1	72
	Left-Through		0							0				0				0	
	Through	497	1	275	0	497	275	144	647	1	382	110	757	1	437	0	757	1	437
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	62	116	0	116	0	116	0	116	0	116	0	116
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	48	1	48	11	59	59	144	193	1	193	11	204	1	204	0	204	1	204
	Left-Through		0							0				0				0	
	Through	583	1	334	52	635	363	185	775	1	435	52	827	1	465	0	827	1	465
	Through-Right		1							1				1				1	
	Right	84	0	84	7	91	91	10	95	0	95	7	102	0	102	0	102	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		215	North-South:		375	North-South:			380	North-South:			542	North-South:			542
		East-West:		386	East-West:		415	East-West:			575	East-West:			641	East-West:			641
		SUM:		601	SUM:		790	SUM:			955	SUM:			1183	SUM:			1183
VOLUME/CAPACITY (V/C) RATIO:				0.401			0.527				0.637				0.789				0.789
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.301			0.427				0.537				0.689				0.689
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.152 | Δv/c after mitigation: 0.152 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	8	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	1	55	7	62	62	52	108	1	108	7	115	1	115	0	115	1	115
	Left-Through		0							0				0				0	
	Through	415	1	245	1	416	245	76	496	1	286	1	497	1	286	0	497	1	286
	Through-Right		1							1				1				1	
	Right	74	0	74	0	74	74	0	75	0	75	0	75	0	75	0	75	0	75
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	62	1	62	0	62	62	14	77	1	77	0	77	1	77	0	77	1	77
	Left-Through		0							0				0				0	
	Through	293	1	200	0	293	200	125	422	0	568	0	422	0	568	0	422	0	568
	Through-Right		1							1				1				1	
	Right	107	0	107	0	107	107	38	146	0	0	0	146	0	0	0	146	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	57	1	57	0	57	57	53	111	1	111	0	111	1	111	0	111	1	111
	Left-Through		0							0				0				0	
	Through	504	1	265	0	504	265	153	663	1	362	0	663	1	362	0	663	1	362
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	34	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	583	1	325	64	647	357	248	838	1	453	64	902	1	485	0	902	1	485
	Through-Right		1							1				1				1	
	Right	66	0	66	0	66	66	1	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		307	North-South:		307	North-South:			676	North-South:			683	North-South:			683
		East-West:		382	East-West:		414	East-West:			564	East-West:			596	East-West:			596
		SUM:		689	SUM:		721	SUM:			1240	SUM:			1279	SUM:			1279
VOLUME/CAPACITY (V/C) RATIO:				0.459			0.481				0.827				0.853				0.853
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.359			0.381				0.727				0.753				0.753
LEVEL OF SERVICE (LOS):				A			A				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.026 | Δv/c after mitigation: 0.026 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
9	Main	2011	0.2	Eric Ji	1/9/2012
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	Olympic	2017			LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0

	Existing Condition			Existing Plus Project			Future Condition W/O Project				Future Condition W/ Project				Future W/ Project W/ Mitigation			
Movement	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	46	1	46	0	46	46	2	49	1	**49**	0	49	1	**49**	0	49	1	**49**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	424	2	**212**	10	434	**217**	227	656	2	328	10	666	2	333	0	666	2	333
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	86	1	66	0	86	66	2	89	1	68	0	89	1	68	0	89	1	68
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	58	1	**58**	0	58	**58**	10	69	1	69	0	69	1	69	0	69	1	69
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	207	2	104	35	242	121	216	425	1	**425**	36	461	1	**461**	0	461	1	**461**
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	168	1	128	31	199	159	79	249	1	190	31	280	1	221	0	280	1	221
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	81	1	**81**	0	81	**81**	37	119	1	**119**	0	119	1	**119**	0	119	1	**119**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	520	1	285	0	520	285	129	655	1	353	0	655	1	353	0	655	1	353
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	40	1	40	0	40	40	2	42	1	42	0	42	1	42	0	42	1	42
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	505	1	**272**	33	538	**289**	168	679	1	**364**	33	712	1	**381**	0	712	1	**381**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	39	0	39	0	39	39	10	49	0	49	0	49	0	49	0	49	0	49
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*	270		*North-South:*	275		*North-South:*		474		*North-South:*		510		*North-South:*		510
		East-West:	353		*East-West:*	370		*East-West:*		483		*East-West:*		500		*East-West:*		500
		SUM:	623		*SUM:*	645		*SUM:*		957		*SUM:*		1010		*SUM:*		1010
VOLUME/CAPACITY (*V/C*) RATIO:			0.437			0.453				0.672				0.709				0.709
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.337			0.353				0.572				0.609				0.609
LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in *v/c* due to project: 0.037 — *Δv/c* after mitigation: 0.037

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
10	Los Angeles	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	Olympic	2017			LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0

	Existing Condition			Existing Plus Project			Future Condition W/O Project				Future Condition W/ Project				Future W/ Project W/ Mitigation			
Movement	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	62	1	62	0	62	62	3	66	1	66	0	66	1	66	0	66	1	66
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	305	1	**221**	0	305	**221**	28	337	1	**238**	0	337	1	**238**	0	337	1	**238**
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	136	0	136	0	136	136	0	138	0	138	0	138	0	138	0	138	0	138
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	96	1	**96**	0	96	**96**	0	97	1	**97**	0	97	1	**97**	0	97	1	**97**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	358	1	254	0	358	254	21	383	1	267	0	383	1	267	0	383	1	267
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	149	0	149	0	149	149	0	151	0	151	0	151	0	151	0	151	0	151
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	69	1	69	0	69	69	0	70	1	70	0	70	1	70	0	70	1	70
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	449	1	**277**	0	449	**277**	136	590	1	**350**	0	590	1	**350**	0	590	1	**350**
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	105	0	105	0	105	105	3	109	0	109	0	109	0	109	0	109	0	109
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	62	1	**62**	0	62	**62**	0	63	1	**63**	0	63	1	**63**	0	63	1	**63**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	321	1	196	33	354	212	170	495	1	283	33	528	1	300	0	528	1	300
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	70	0	70	0	70	70	0	71	0	71	0	71	0	71	0	71	0	71
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*	317		*North-South:*	317		*North-South:*		335		*North-South:*		335		*North-South:*		335
		East-West:	339		*East-West:*	339		*East-West:*		413		*East-West:*		413		*East-West:*		413
		SUM:	656		*SUM:*	656		*SUM:*		748		*SUM:*		748		*SUM:*		748
VOLUME/CAPACITY (*V/C*) RATIO:			0.437			0.437				0.499				0.499				0.499
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.337			0.337				0.399				0.399				0.399
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — *Δv/c* after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
11	Santee	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	Olympic	2017			LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0

	Existing Condition			Existing Plus Project			Future Condition W/O Project				Future Condition W/ Project				Future W/ Project W/ Mitigation			
Movement	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	36	0	**36**	0	36	**36**	0	36	0	**36**	0	36	0	**36**	0	36	0	**36**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	85	0	199	0	85	199	0	86	0	201	0	86	0	201	0	86	0	201
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	78	0	0	0	78	0	0	79	0	0	0	79	0	0	0	79	0	0
NORTHBOUND Left-Through-Right		1							1				1				1	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	28	0	28	0	28	28	2	30	0	30	0	30	0	30	0	30	0	30
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	93	0	**252**	0	93	**252**	0	94	0	**257**	0	94	0	**257**	0	94	0	**257**
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	131	0	0	0	131	0	0	133	0	0	0	133	0	0	0	133	0	0
SOUTHBOUND Left-Through-Right		1							1				1				1	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	69	1	69	0	69	69	0	70	1	70	0	70	1	70	0	70	1	70
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	469	1	**304**	0	469	**304**	136	611	1	**376**	0	611	1	**376**	0	611	1	**376**
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	138	0	138	0	138	138	0	140	0	140	0	140	0	140	0	140	0	140
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	26	1	**26**	0	26	**26**	0	26	1	**26**	0	26	1	**26**	0	26	1	**26**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	281	1	163	33	314	179	170	454	1	251	33	487	1	267	0	487	1	267
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	44	0	44	0	44	44	2	47	0	47	0	47	0	47	0	47	0	47
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*	288		*North-South:*	288		*North-South:*		293		*North-South:*		293		*North-South:*		293
		East-West:	330		*East-West:*	330		*East-West:*		402		*East-West:*		402		*East-West:*		402
		SUM:	618		*SUM:*	618		*SUM:*		695		*SUM:*		695		*SUM:*		695
VOLUME/CAPACITY (*V/C*) RATIO:			0.412			0.412				0.463				0.463				0.463
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.312			0.312				0.363				0.363				0.363
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — *Δv/c* after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
12	Maple	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	Olympic	2017			LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0

	Existing Condition			Existing Plus Project			Future Condition W/O Project				Future Condition W/ Project				Future W/ Project W/ Mitigation			
Movement	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	55	1	**55**	0	55	**55**	3	59	1	**59**	0	59	1	**59**	0	59	1	**59**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	172	0	253	0	172	253	6	180	0	262	0	180	0	262	0	180	0	262
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	81	0	0	0	81	0	0	82	0	0	0	82	0	0	0	82	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	63	1	63	0	63	63	0	64	1	64	0	64	1	64	0	64	1	64
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	187	0	**283**	0	187	**283**	0	189	0	**286**	0	189	0	**286**	0	189	0	**286**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	96	0	0	0	96	0	0	97	0	0	0	97	0	0	0	97	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	84	1	84	0	84	84	0	85	1	85	0	85	1	**85**	0	85	1	**85**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	348	0	**348**	0	348	**348**	133	485	1	**485**	0	485	1	485	0	485	1	485
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	143	1	116	0	143	116	5	150	1	121	0	150	1	121	0	150	1	121
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	14	1	**14**	0	14	**14**	0	14	1	**14**	0	14	1	14	0	14	1	14
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	199	0	237	33	232	270	168	369	0	407	33	402	0	**440**	0	402	0	**440**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	38	0	0	0	38	0	0	38	0	0	0	38	0	0	0	38	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*	338		*North-South:*	338		*North-South:*		345		*North-South:*		345		*North-South:*		345
		East-West:	362		*East-West:*	362		*East-West:*		499		*East-West:*		525		*East-West:*		525
		SUM:	700		*SUM:*	700		*SUM:*		844		*SUM:*		870		*SUM:*		870
VOLUME/CAPACITY (*V/C*) RATIO:			0.467			0.467				0.563				0.580				0.580
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.367			0.367				0.463				0.480				0.480
LEVEL OF SERVICE (LOS):			A			A				A				A				A

6

Change in *v/c* due to project: 0.017 — *Δv/c* after mitigation: 0.017

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	13	North-South Street:	Maple	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	38	0	38	0	38	38	0	38	0	38	0	38	0	38	0	38	0	38
	Left-Through		0							0				0				0	
	Through	174	0	302	0	174	302	6	182	0	311	0	182	0	311	0	182	0	311
	Through-Right		0							0				0				0	
	Right	90	0	0	0	90	0	0	91	0	0	0	91	0	0	0	91	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	Left-Through		0							0				0				0	
	Through	189	0	266	0	189	266	0	191	0	269	0	191	0	269	0	191	0	269
	Through-Right		0							0				0				0	
	Right	49	0	0	0	49	0	0	50	0	0	0	50	0	0	0	50	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	44	0	44	0	44	44	0	45	0	45	0	45	0	45	0	45	0	45
	Left-Through		1							1				1				1	
	Through	507	0	363	4	511	365	163	676	0	449	4	680	0	451	0	680	0	451
	Through-Right		1							1				1				1	
	Right	130	0	363	0	130	365	0	132	0	449	0	132	0	451	0	132	0	451
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	88	0	88	0	88	88	0	89	0	89	0	89	0	89	0	89	0	89
	Left-Through		1							1				1				1	
	Through	293	0	373	0	293	373	0	297	0	377	0	297	0	377	0	297	0	377
	Through-Right		1							1				1				1	
	Right	100	0	373	0	100	373	0	101	0	377	0	101	0	377	0	101	0	377
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		330	North-South:		330	North-South:		339	North-South:			339	North-South:			339	
		East-West:		451	East-West:		453	East-West:		538	East-West:			540	East-West:			540	
		SUM:		781	SUM:		783	SUM:		877	SUM:			879	SUM:			879	
VOLUME/CAPACITY (V/C) RATIO:				0.521			0.522			0.585				0.586				0.586	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.421			0.422			0.485				0.486				0.486	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	14	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	127	1	127	0	127	127	0	129	1	129	0	129	1	129	0	129	1	129
	Left-Through		0							0				0				0	
	Through	642	1	385	0	642	385	10	660	1	395	0	660	1	395	0	660	1	395
	Through-Right		1							1				1				1	
	Right	127	0	127	0	127	127	0	129	0	129	0	129	0	129	0	129	0	129
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	54	1	54	0	54	54	0	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	518	1	301	0	518	301	0	524	1	305	0	524	1	305	0	524	1	305
	Through-Right		1							1				1				1	
	Right	84	0	84	0	84	84	0	85	0	85	0	85	0	85	0	85	0	85
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through		1							1				1				1	
	Through	327	0	247	4	331	249	158	489	0	375	4	493	0	377	0	493	0	377
	Through-Right		1							1				1				1	
	Right	83	0	247	0	83	249	4	88	0	375	0	88	0	377	0	88	0	377
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	67	0	67	39	106	106	0	68	0	68	39	107	0	107	0	107	0	107
	Left-Through		1							1				1				1	
	Through	455	0	362	0	455	401	0	460	0	368	0	460	0	407	0	460	0	407
	Through-Right		1							1				1				1	
	Right	135	0	362	0	135	401	3	140	0	368	0	140	0	407	0	140	0	407
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		439	North-South:		439	North-South:		450	North-South:			450	North-South:			450	
		East-West:		404	East-West:		443	East-West:		443	East-West:			484	East-West:			484	
		SUM:		843	SUM:		882	SUM:		893	SUM:			934	SUM:			934	
VOLUME/CAPACITY (V/C) RATIO:				0.562			0.588			0.595				0.623				0.623	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.462			0.488			0.495				0.523				0.523	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.028 | Δv/c after mitigation: 0.028 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	15	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Chick Hearn Ct	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	63	1	63	-63	0	0	0	64	1	64	-64	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	463	2	232	-195	268	89	30	499	2	250	-205	294	2	98	0	294	2	98
	Through-Right		1							1				1				1	
	Right	246	0	241	-246	0	0	30	279	0	274	-279	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	95	0	95	0	95	95	0	96	0	96	0	96	0	96	0	96	0	96
	Left-Through		1							1				1				1	
	Through	35	0	73	135	170	216	71	106	1	123	64	170	0	216	0	170	1	216
	Through-Right		1							1				1				1	
	Right	38	0	0	128	166	216	5	43	0	123	123	166	0	216	0	166	0	216
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	10	1	10	-10	0	0	0	10	1	10	-10	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	116	2	58	-79	37	19	101	218	2	109	-162	56	2	28	0	56	2	28
	Through-Right		0							0				0				0	
	Right	59	1	59	0	59	59	18	78	1	78	0	78	1	78	0	78	1	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		241	North-South:		89	North-South:		274	North-South:			98	North-South:			98	
		East-West:		154	East-West:		216	East-West:		205	East-West:			165	East-West:			216	
		SUM:		395	SUM:		305	SUM:		479	SUM:			314	SUM:			314	
VOLUME/CAPACITY (V/C) RATIO:				0.263			0.203			0.319				0.209				0.209	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.163			0.103			0.219				0.109				0.109	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: -0.110 | Δv/c after mitigation: -0.110 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	16	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 3, EB-- 3 WB-- 3 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	163	1	163	-163	0	0	57	222	1	222	-222	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	1046	3	265	217	1263	320	724	1783	3	450	276	2059	3	519	0	2059	3	519
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	101	1	88	277	378	189	107	209	1	142	362	571	1	286	0	571	1	286
	Through-Right		1							1				1				1	
	Right	74	0	74	-74	0	0	0	75	0	75	-75	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	119	2	65	-119	0	0	0	120	2	66	-120	0	2	0	0	0	2	0
	Left-Through		0							0				0				0	
	Through	42	1	42	-42	0	0	0	43	1	43	-43	0	1	0	0	0	1	0
	Through-Right		0							0				0				0	
	Right	33	1	0	-33	0	0	101	134	1	0	-134	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	40	1	40	11	51	51	0	40	1	40	12	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	173	2	87	-173	0	0	77	252	2	126	-252	0	2	0	0	0	2	0
	Through-Right		0							0				0				0	
	Right	162	1	100	2	164	102	52	216	1	153	2	218	1	155	0	218	1	155
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		327	North-South:		382	North-South:		513	North-South:			582	North-South:			582	
		East-West:		165	East-West:		102	East-West:		219	East-West:			155	East-West:			155	
		SUM:		492	SUM:		484	SUM:		732	SUM:			737	SUM:			737	
VOLUME/CAPACITY (V/C) RATIO:				0.358			0.352			0.532				0.536				0.536	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.258			0.252			0.432				0.436				0.436	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.004 | Δv/c after mitigation: 0.004 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
17	Flower	2011	0.2	Eric Ji	11/1/2011
	East-West Street: 11th	Projection Year: 2017	Peak Hour:	Reviewed by:	Project: LAEC

No. of Phases				3			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2
Override Capacity				0			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	364	3	121	139	503	168	663	1031	3	344	159	1190	3	397	0	1190	3	397
	Through-Right		0							0				0				0	
	Right	170	1	170	0	170	170	13	185	1	185	0	185	1	185	0	185	1	185
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	160	1	160	-48	112	112	0	162	1	162	-43	119	1	119	0	119	1	119
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	10	1	10	0	10	10	275	285	1	285	0	285	1	285	0	285	1	285
	Left-Through		0							0				0				0	
	Through	158	2	79	-158	0	0	115	275	2	138	-244	31	2	16	0	31	2	16
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		170	North-South:		170	North-South:			344	North-South:			397	North-South:			397
		East-West:		170	East-West:		122	East-West:			447	East-West:			404	East-West:			404
		SUM:		340	SUM:		292	SUM:			791	SUM:			801	SUM:			801
VOLUME/CAPACITY (V/C) RATIO:				0.239			0.205				0.555				0.562				0.562
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.139			0.105				0.455				0.462				0.462
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.007 Δv/c after mitigation: 0.007

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
18	Grand	2011	0.2	Eric Ji	11/1/2011
	East-West Street: 11th	Projection Year: 2017	Peak Hour:	Reviewed by:	Project: LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	344	3	111	60	404	126	368	716	3	213	60	776	3	228	0	776	3	228
	Through-Right		1							1				1				1	
	Right	99	0	99	0	99	99	35	135	0	135	0	135	0	135	0	135	0	135
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	19	1	19	287	306	306	205	224	1	224	287	511	1	511	0	511	1	511
	Left-Through		0							0				0				0	
	Through	94	2	47	4	98	49	403	498	2	249	-79	419	2	210	0	419	2	210
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		111	North-South:		126	North-South:			213	North-South:			228	North-South:			228
		East-West:		47	East-West:		306	East-West:			249	East-West:			511	East-West:			511
		SUM:		158	SUM:		432	SUM:			462	SUM:			739	SUM:			739
VOLUME/CAPACITY (V/C) RATIO:				0.105			0.288				0.308				0.493				0.493
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.053			0.188				0.208				0.393				0.393
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.185 Δv/c after mitigation: 0.185

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
19	Olive	2011	0.2	Eric Ji	11/1/2011
	East-West Street: 11th	Projection Year: 2017	Peak Hour:	Reviewed by:	Project: LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	61	0	61	314	375	375	385	447	0	447	314	761	0	761	0	761	0	761
	Left-Through		1							1				1				1	
	Through	441	3	126	481	922	307	390	836	3	279	519	1355	3	452	0	1355	3	452
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	82	2	41	-23	59	30	280	363	2	182	-106	257	2	129	0	257	2	129
	Through-Right		0							0				0				0	
	Right	45	1	45	87	132	132	0	46	1	46	170	216	1	216	0	216	1	216
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		126	North-South:		375	North-South:			447	North-South:			761	North-South:			761
		East-West:		45	East-West:		132	East-West:			182	East-West:			216	East-West:			216
		SUM:		171	SUM:		507	SUM:			629	SUM:			977	SUM:			977
VOLUME/CAPACITY (V/C) RATIO:				0.114			0.338				0.419				0.651				0.651
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.057			0.238				0.319				0.551				0.551
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.232 Δv/c after mitigation: 0.232

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
20	Figueroa	2011	0.2	Eric Ji	11/1/2011
	East-West Street: 12th	Projection Year: 2017	Peak Hour:	Reviewed by:	Project: LAEC

No. of Phases			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	1194	3	309	50	1244	322	585	1793	3	470	51	1844	3	483	0	1844	3	483
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	43	86	0	86	0	86	0	86	0	86	0	86
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	28	1	28	0	28	28	13	41	1	41	0	41	1	41	0	41	1	41
	Left-Through		0							0				0				0	
	Through	138	2	69	-90	48	24	100	240	2	120	225	465	2	233	0	465	2	233
	Through-Right		0							0				0				0	
	Right	19	1	18	0	19	18	0	19	1	18	0	19	1	18	0	19	1	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	2	1	2	0	2	2	0	2	1	2	0	2	1	2	0	2	1	2
	Left-Through		0							0				0				0	
	Through	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Through-Right		0							0				0				0	
	Right	11	1	3	0	11	3	0	11	1	3	0	11	1	3	0	11	1	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	2	0	29	0	2	29	0	2	0	29	0	2	0	29	0	2	0	29
	Through-Right		1							1				1				1	
	Right	27	0	0	0	27	0	0	27	0	0	0	27	0	0	0	27	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		337	North-South:		350	North-South:			511	North-South:			524	North-South:			524
		East-West:		31	East-West:		31	East-West:			31	East-West:			31	East-West:			31
		SUM:		368	SUM:		381	SUM:			542	SUM:			555	SUM:			555
VOLUME/CAPACITY (V/C) RATIO:				0.258			0.267				0.380				0.389				0.389
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.158			0.167				0.280				0.289				0.289
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.009 Δv/c after mitigation: 0.009

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	21	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	132	1	132	0	132	132	150	284	1	284	0	284	1	284	0	284	1	284
	Left-Through		0							0				0				0	
	Through	269	2	125	91	360	156	565	837	2	315	115	952	2	353	0	952	2	353
	Through-Right		1							1				1				1	
	Right	107	0	107	0	107	107	0	108	0	108	0	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	59	1	33	0	59	33	56	116	1	61	0	116	1	61	0	116	1	61
	Through-Right		1							1				1				1	
	Right	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		132		North-South:	156		North-South:		315		North-South:		353		North-South:		353
		East-West:		33		East-West:	33		East-West:		61		East-West:		61		East-West:		61
		SUM:		165		SUM:	189		SUM:		376		SUM:		414		SUM:		414
VOLUME/CAPACITY (V/C) RATIO:				0.110			0.126				0.251				0.276				0.276
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.055			0.063				0.151				0.176				0.176
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.025 Δv/c after mitigation: 0.025

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	22	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	55	0	55	0	55	55	35	91	0	91	0	91	0	91	0	91	0	91
	Left-Through		1							1				1				1	
	Through	421	3	119	45	466	130	460	886	3	244	45	931	3	256	0	931	3	256
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	110	1	78	0	110	78	208	319	1	203	0	319	1	203	0	319	1	203
	Through-Right		1							1				1				1	
	Right	45	0	45	0	45	45	41	87	0	87	0	87	0	87	0	87	0	87
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		119		North-South:	130		North-South:		244		North-South:		256		North-South:		256
		East-West:		78		East-West:	78		East-West:		203		East-West:		203		East-West:		203
		SUM:		197		SUM:	208		SUM:		447		SUM:		459		SUM:		459
VOLUME/CAPACITY (V/C) RATIO:				0.131			0.139				0.298				0.306				0.306
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.066			0.069				0.198				0.206				0.206
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.008 Δv/c after mitigation: 0.008

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	23	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	450	3	150	871	1321	440	668	1123	3	374	909	2032	3	677	0	2032	3	677
	Through-Right		0							0				0				0	
	Right	13	1	13	0	13	13	0	13	1	13	0	13	1	13	0	13	1	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	54	0	54	0	54	54	129	184	0	184	0	184	0	184	0	184	0	184
	Left-Through		1							1				1				1	
	Through	87	1	71	0	87	71	115	203	1	194	0	203	1	194	0	203	1	194
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		150		North-South:	440		North-South:		374		North-South:		677		North-South:		677
		East-West:		71		East-West:	71		East-West:		194		East-West:		194		East-West:		194
		SUM:		221		SUM:	511		SUM:		568		SUM:		871		SUM:		871
VOLUME/CAPACITY (V/C) RATIO:				0.147			0.341				0.379				0.581				0.581
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.074			0.241				0.279				0.481				0.481
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.202 Δv/c after mitigation: 0.202

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	24	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				1			1			1			1			1			1			1	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	664	2	365	122	786	432	1	673	2	370	122	795	2	437	0	795	2	437
	Left-Through		0							0				0				0	
	Through	581	2	291	154	735	368	60	648	2	324	87	735	2	368	0	735	2	368
	Through-Right		0							0				0				0	
	Right	58	1	58	397	455	455	59	118	1	118	457	575	1	575	0	575	1	575
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	58	2	32	-58	0	0	5	64	2	35	-64	0	2	0	0	0	2	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	11	2	0	149	160	88	0	11	2	0	149	160	2	88	0	160	2	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	131	1	131	-131	0	0	0	133	1	133	-133	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	439	3	146	121	560	187	134	578	3	193	122	700	3	233	0	700	3	233
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	372	2	186	95	467	234	103	479	2	240	96	575	2	288	0	575	2	288
	Through-Right		0							0				0				0	
	Right	174	1	158	-92	82	82	0	176	1	159	-92	84	1	84	0	84	1	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		397		North-South:	543		North-South:		405		North-South:		663		North-South:		663
		East-West:		317		East-West:	234		East-West:		373		East-West:		288		East-West:		288
		SUM:		714		SUM:	777		SUM:		778		SUM:		951		SUM:		951
VOLUME/CAPACITY (V/C) RATIO:				0.501			0.545				0.546				0.667				0.667
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.401			0.445				0.446				0.567				0.567
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.121 Δv/c after mitigation: 0.121

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	25	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	Bond	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				2			2			2			2			2			2			2
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	2	EB--	0	WB--	2	EB--	0	WB--	2	EB--	0	WB--	2	EB--	0	WB--	2	EB--	0	WB--	2
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	79	79	0	0	0	0	0	79	79	0	0	0	79	0	0
	Left-Through		0							0				0				0	
	Through	1306	3	435	748	2054	685	120	1442	3	481	746	2188	3	729	0	2188	3	729
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through		1							1				1				1	
	Through	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	3	0	17	0	3	4	0	3	0	17	0	3	0	4	0	3	0	4
	Through-Right		1							1				1				1	
	Right	30	1	0	-26	4	0	0	30	1	0	-25	5	1	0	0	5	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		435	North-South:		685	North-South:			481	North-South:			729	North-South:			729
		East-West:		18	East-West:		5	East-West:			18	East-West:			5	East-West:			5
		SUM:		453	SUM:		690	SUM:			499	SUM:			734	SUM:			734
VOLUME/CAPACITY (v/c) RATIO:				0.318			0.484				0.350				0.515				0.515
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.218			0.384				0.250				0.415				0.415
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.165 — Δv/c after mitigation: 0.165

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	26	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4			4			4			4			4			4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3
	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	201	1	201	45	246	246	4	207	1	207	46	253	1	253	0	253	1	253
	Left-Through		0							0				0				0	
	Through	974	3	266	36	1010	290	531	1517	3	405	36	1553	3	429	0	1553	3	429
	Through-Right		1							1				1				1	
	Right	89	0	89	61	150	150	13	103	0	103	61	164	0	164	0	164	0	164
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	7	1	7	0	7	7	5	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	92	2	46	-89	3	2	32	125	2	63	226	351	2	176	0	351	2	176
	Through-Right		0							0				0				0	
	Right	49	1	0	0	49	0	25	75	1	0	0	75	1	0	0	75	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	114	1	114	13	127	127	98	213	1	213	14	227	1	227	0	227	1	227
	Left-Through		0							0				0				0	
	Through	344	2	172	426	770	385	98	446	2	223	486	932	2	466	0	932	2	466
	Through-Right		0							0				0				0	
	Right	99	1	0	18	117	0	15	115	1	0	19	134	1	0	0	134	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	36	1	36	0	36	36	42	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	308	2	154	-43	265	133	74	386	2	193	-43	343	2	172	0	343	2	172
	Through-Right		0							0				0				0	
	Right	10	1	7	0	10	7	6	16	1	10	0	16	1	10	0	16	1	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		273	North-South:		297	North-South:			417	North-South:			441	North-South:			441
		East-West:		268	East-West:		421	East-West:			406	East-West:			544	East-West:			544
		SUM:		541	SUM:		718	SUM:			823	SUM:			985	SUM:			985
VOLUME/CAPACITY (v/c) RATIO:				0.393			0.522				0.599				0.716				0.716
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.293			0.422				0.499				0.616				0.616
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.117 — Δv/c after mitigation: 0.117

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	27	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	11	11	0	0	0	11	0	0	0	11	0	0
	Left-Through		0							0				0				0	
	Through	308	2	121	48	356	151	529	841	2	312	72	913	2	350	0	913	2	350
	Through-Right		1							1				1				1	
	Right	54	0	54	43	97	97	39	94	0	94	43	137	0	137	0	137	0	137
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	362	1	208	451	813	451	134	500	1	280	511	1011	1	553	0	1011	1	553
	Through-Right		1							1				1				1	
	Right	54	0	54	34	88	88	5	60	0	60	34	94	0	94	0	94	0	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	18	0	18	0	18	18	-18	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		1							0				0				0	
	Through	326	1	181	-85	241	157	118	448	2	224	-85	363	2	182	0	363	2	182
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		121	North-South:		151	North-South:			312	North-South:			350	North-South:			350
		East-West:		226	East-West:		469	East-West:			280	East-West:			553	East-West:			553
		SUM:		347	SUM:		620	SUM:			592	SUM:			903	SUM:			903
VOLUME/CAPACITY (v/c) RATIO:				0.231			0.413				0.395				0.602				0.602
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.131			0.313				0.295				0.502				0.502
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.207 — Δv/c after mitigation: 0.207

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	28	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	20	0	20	0	20	20	12	32	0	32	0	32	0	32	0	32	0	32
	Left-Through		1							1				1				1	
	Through	363	2	117	1	364	127	441	808	2	243	1	809	2	253	0	809	2	253
	Through-Right		1							1				1				1	
	Right	84	0	117	39	123	127	48	133	0	243	39	172	0	253	0	172	0	253
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	350	1	207	152	502	333	128	482	1	279	180	662	1	419	0	662	1	419
	Through-Right		1							1				1				1	
	Right	64	0	64	99	163	163	11	76	0	76	99	175	0	175	0	175	0	175
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	18	0	18	0	18	18	32	50	0	50	0	50	0	50	0	50	0	50
	Left-Through		1							1				1				1	
	Through	310	1	173	-57	253	163	75	389	1	245	-57	332	1	266	0	332	1	266
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		117	North-South:		127	North-South:			243	North-South:			253	North-South:			253
		East-West:		225	East-West:		351	East-West:			329	East-West:			469	East-West:			469
		SUM:		342	SUM:		478	SUM:			572	SUM:			722	SUM:			722
VOLUME/CAPACITY (v/c) RATIO:				0.228			0.319				0.381				0.481				0.481
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.128			0.219				0.281				0.381				0.381
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.100 — Δv/c after mitigation: 0.100

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	29	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	26	0	26	59	85	85	9	35	0	35	59	94	0	94	0	94	0	94
		Left-Through		1							1				1				1	
		Through	399	3	106	734	1133	305	607	1011	3	262	734	1745	3	460	0	1745	3	460
		Through-Right		0							0				0				0	
		Right	54	1	54	77	131	131	23	78	1	78	77	155	1	155	0	155	1	155
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through		0							0				0				0	
		Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Through-Right		0							0				0				0	
		Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	30	0	30	91	121	121	54	84	0	84	129	213	0	213	0	213	0	213
		Left-Through		1							1				1				1	
		Through	342	1	201	61	403	323	86	432	1	300	61	493	1	460	0	493	1	460
		Through-Right		0							0				0				0	
		Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through		0							0				0				0	
		Through	298	1	169	-115	183	183	98	400	1	224	-115	285	1	263	0	285	1	263
		Through-Right		1							1				1				1	
		Right	40	0	40	194	234	234	7	47	0	47	194	241	0	241	0	241	0	241
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		106	North-South:		305			North-South:	262			North-South:	460			North-South:	460
			East-West:		201	East-West:		355			East-West:	308			East-West:	476			East-West:	476
			SUM:		307	SUM:		660			SUM:	570			SUM:	936			SUM:	936
	VOLUME/CAPACITY (v/c) RATIO:				0.205			0.440				0.380				0.624				0.624
	v/c LESS ATSAC/ATCS ADJUSTMENT:				0.105			0.340				0.280				0.524				0.524
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.244 — Δv/c after mitigation: 0.244

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	30	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	32	1	32	23	55	55	7	39	1	39	23	62	1	62	0	62	1	62
		Left-Through		0							0				0				0	
		Through	169	1	95	921	1090	556	144	315	1	171	923	1238	1	632	0	1238	1	632
		Through-Right		1							1				1				1	
		Right	21	0	21	0	21	21	5	26	0	26	0	26	0	26	0	26	0	26
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	17	1	17	0	17	17	5	22	1	22	0	22	1	22	0	22	1	22
		Left-Through		0							0				0				0	
		Through	325	1	191	2	327	192	165	494	1	281	2	496	1	282	0	496	1	282
		Through-Right		1							1				1				1	
		Right	57	0	57	0	57	57	10	68	0	68	0	68	0	68	0	68	0	68
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	22	0	22	49	71	71	10	32	0	32	49	81	0	81	0	81	0	81
		Left-Through		1							1				1				1	
		Through	355	0	202	5	360	265	82	441	0	275	5	446	0	327	0	446	0	327
		Through-Right		1							1				1				1	
		Right	27	0	202	0	27	265	18	45	0	275	0	45	0	327	0	45	0	327
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	18	0	18	66	84	84	3	21	0	21	66	87	0	87	0	87	0	87
		Left-Through		1							1				1				1	
		Through	247	0	151	88	335	289	88	338	0	208	88	426	0	346	0	426	0	346
		Through-Right		1							1				1				1	
		Right	19	0	151	56	75	289	16	35	0	208	56	91	0	346	0	91	0	346
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		223	North-South:		573			North-South:	320			North-South:	654			North-South:	654
			East-West:		220	East-West:		360			East-West:	296			East-West:	427			East-West:	427
			SUM:		443	SUM:		933			SUM:	616			SUM:	1081			SUM:	1081
	VOLUME/CAPACITY (v/c) RATIO:				0.295			0.622				0.411				0.721				0.721
	v/c LESS ATSAC/ATCS ADJUSTMENT:				0.195			0.522				0.311				0.621				0.621
	LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.310 — Δv/c after mitigation: 0.310

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	31	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	86	1	86	134	220	220	0	87	1	87	134	221	1	221	0	221	1	221
		Left-Through		0							0				0				0	
		Through	373	1	211	44	417	233	110	487	1	268	44	531	1	290	0	531	1	290
		Through-Right		1							1				1				1	
		Right	48	0	48	0	48	48	0	49	0	49	0	49	0	49	0	49	0	49
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
		Left-Through		0							0				0				0	
		Through	256	1	162	0	256	162	122	381	1	232	0	381	1	231	0	381	1	231
		Through-Right		1							1				1				1	
		Right	68	0	68	-1	67	67	13	82	0	82	-1	81	0	81	0	81	0	81
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	59	1	59	0	59	59	11	71	1	71	0	71	1	71	0	71	1	71
		Left-Through		0							0				0				0	
		Through	287	1	287	5	292	292	80	370	1	370	6	376	1	376	0	376	1	376
		Through-Right		0							0				0				0	
		Right	33	1	0	0	33	0	0	33	1	0	0	33	1	0	0	33	1	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
		Left-Through		0							0				0				0	
		Through	223	0	259	77	300	336	93	319	0	355	77	396	0	432	0	396	0	432
		Through-Right		1							1				1				1	
		Right	36	0	0	0	36	0	0	36	0	0	0	36	0	0	0	36	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		248	North-South:		382			North-South:	319			North-South:	452			North-South:	452
			East-West:		321	East-West:		395			East-West:	426			East-West:	503			East-West:	503
			SUM:		569	SUM:		777			SUM:	745			SUM:	955			SUM:	955
	VOLUME/CAPACITY (v/c) RATIO:				0.379			0.518				0.497				0.637				0.637
	v/c LESS ATSAC/ATCS ADJUSTMENT:				0.279			0.418				0.397				0.537				0.537
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.140 — Δv/c after mitigation: 0.140

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	32	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	44	1	44	0	44	44	0	45	1	45	0	45	1	45	0	45	1	45
		Left-Through		0							0				0				0	
		Through	502	1	287	2	504	288	151	659	2	330	2	661	2	331	0	661	2	331
		Through-Right		1							1				0				0	
		Right	72	0	72	0	72	72	0	73	1	73	0	73	1	73	0	73	1	73
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
		Left-Through		0							0				0				0	
		Through	393	1	207	21	414	225	133	531	0	563	21	552	0	599	0	552	0	599
		Through-Right		1							1				1				1	
		Right	20	0	20	15	35	35	12	32	0	0	15	47	0	0	0	47	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	69	1	69	4	73	73	27	97	1	97	4	101	1	101	0	101	1	101
		Left-Through		0							0				0				0	
		Through	224	0	278	0	224	278	53	280	0	335	0	280	0	335	0	280	0	335
		Through-Right		1							1				1				1	
		Right	54	0	0	0	54	0	0	55	0	0	0	55	0	0	0	55	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	16	0	16	0	16	16	0	16	0	16	0	16	0	16	0	16	0	16
		Left-Through		0							0				0				0	
		Through	212	0	285	61	273	346	81	296	0	373	61	357	0	434	0	357	0	434
		Through-Right		1							1				1				1	
		Right	57	0	0	0	57	0	3	61	0	0	0	61	0	0	0	61	0	0
		Left-Through-Right		1							1				1				1	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		304	North-South:		305			North-South:	608			North-South:	644			North-South:	644
			East-West:		354	East-West:		419			East-West:	470			East-West:	535			East-West:	535
			SUM:		658	SUM:		724			SUM:	1078			SUM:	1179			SUM:	1179
	VOLUME/CAPACITY (v/c) RATIO:				0.439			0.483				0.719				0.786				0.786
	v/c LESS ATSAC/ATCS ADJUSTMENT:				0.339			0.383				0.619				0.686				0.686
	LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.067 — Δv/c after mitigation: 0.067

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
33	Blaine	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Olympic	2017			LAEC

No. of Phases			4			4			4			4			4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			1			1			1			1			1			1
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	219	0	219	0	219	219	42	264	0	264	0	264	0	264	0	264	0	264
	Left-Through		0							0				0				0	
	Through	7	0	226	0	7	226	0	7	0	271	0	7	0	271	0	7	0	271
	Through-Right		0							0				0				0	
	Right	237	1	171	247	484	418	107	347	1	259	326	673	1	585	0	673	1	585
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
	Left-Through		0							0				0				0	
	Through	17	0	33	0	17	33	0	17	0	33	0	17	0	33	0	17	0	33
	Through-Right		0							0				0				0	
	Right	7	0	0	0	7	0	0	7	0	0	0	7	0	0	0	7	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	7	1	7	0	7	7	0	7	1	7	0	7	1	7	0	7	1	7
	Left-Through		0							0				0				0	
	Through	946	2	387	473	1419	544	264	1221	2	480	476	1697	2	639	0	1697	2	639
	Through-Right		1							1				1				1	
	Right	214	0	214	0	214	214	3	220	0	220	0	220	0	220	0	220	0	220
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	133	1	133	0	133	133	42	177	1	177	0	177	1	177	0	177	1	177
	Left-Through		0							0				0				0	
	Through	800	2	273	89	889	303	213	1023	2	347	97	1120	2	380	0	1120	2	380
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		259	North-South:		451	North-South:			304	North-South:			618	North-South:			618
		East-West:		520	East-West:		677	East-West:			657	East-West:			816	East-West:			816
		SUM:		779	SUM:		1128	SUM:			961	SUM:			1434	SUM:			1434
VOLUME/CAPACITY (V/C) RATIO:				0.567			0.820				0.699				1.043				1.043
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.467			0.720				0.599				0.943				0.943
LEVEL OF SERVICE (LOS):				A			C				A				E				E

PROJECT IMPACT

Change in v/c due to project: 0.344 Δv/c after mitigation: 0.344

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
34	Blaine	2011	0.2	Eric Ji	1/6/2012
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	SR 110 SB Off-Ramps	2017			LAEC

No. of Phases			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		1	EB-- 0 WB--		1	EB-- 0 WB--		1	EB-- 0 WB--		1	EB-- 0 WB--		1	EB-- 0 WB--		1
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	368	2	184	0	368	184	46	418	2	209	0	418	2	209	0	418	2	209
	Through-Right		0							0				0				0	
	Right	9	0	0	0	9	0	0	9	0	0	0	9	0	0	0	9	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	99	1	99	804	903	903	67	167	1	167	727	894	1	894	0	894	1	612
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	612
	Through-Right		0							0				0				0	
	Right	460	2	253	247	707	389	149	615	2	338	326	941	2	518	0	941	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		184	North-South:		184	North-South:			209	North-South:			209	North-South:			209
		East-West:		253	East-West:		903	East-West:			338	East-West:			894	East-West:			612
		SUM:		437	SUM:		1087	SUM:			547	SUM:			1103	SUM:			821
VOLUME/CAPACITY (V/C) RATIO:				0.291			0.725				0.365				0.735				0.547
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.191			0.625				0.265				0.635				0.447
LEVEL OF SERVICE (LOS):				A			B				A				B				A

PROJECT IMPACT

Change in v/c due to project: 0.370 Δv/c after mitigation: 0.182

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
35	Blaine	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	11th	2017			LAEC

No. of Phases			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			2			2			2			2			2			2
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	85	1	47	264	349	192	67	153	1	84	187	340	1	187	0	340	1	340
	Left-Through		1							1				1				1	
	Through	342	0	383	540	882	923	46	392	0	433	540	932	0	973	0	932	1	466
	Through-Right		1							0				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	84	1	84	0	84	84	9	94	1	94	0	94	1	94	0	94	1	94
	Through-Right		0							0				0				0	
	Right	152	1	152	0	152	152	0	154	1	154	0	154	1	154	0	154	1	154
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	107	0	107	-100	7	7	94	202	0	202	-174	28	0	28	0	28	1	14
	Left-Through		1							1				1				1	
	Through	79	1	79	-79	0	0	7	87	1	87	-87	0	1	0	0	0	0	14
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		383	North-South:		923	North-South:			433	North-South:			973	North-South:			466
		East-West:		259	East-West:		159	East-West:			356	East-West:			182	East-West:			168
		SUM:		642	SUM:		1082	SUM:			789	SUM:			1155	SUM:			634
VOLUME/CAPACITY (V/C) RATIO:				0.451			0.759				0.554				0.811				0.445
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.351			0.659				0.454				0.711				0.345
LEVEL OF SERVICE (LOS):				A			B				A				C				A

PROJECT IMPACT

Change in v/c due to project: 0.257 Δv/c after mitigation: -0.109

Significant impacted? YES Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
36	Convention Center Drive	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Venice	2017			LAEC

No. of Phases			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		3	EB-- 0 WB--		3	EB-- 0 WB--		3	EB-- 0 WB--		3	EB-- 0 WB--		3	EB-- 0 WB--		3
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	45	1	25	53	98	54	0	46	1	25	53	99	1	54	0	99	1	54
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	2	1	0	16	18	1	0	2	1	0	16	18	1	0	0	18	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	4	1	4	30	34	34	0	4	1	4	63	67	1	67	0	67	1	67
	Left-Through		0							0				0				0	
	Through	416	2	208	162	578	289	55	476	2	238	162	638	2	319	0	638	2	319
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	452	2	226	26	478	239	51	508	2	254	26	534	2	267	0	534	2	267
	Through-Right		0							0				0				0	
	Right	23	1	0	371	394	340	13	36	1	11	380	416	1	362	0	416	1	362
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		25	North-South:		54	North-South:			25	North-South:			54	North-South:			54
		East-West:		230	East-West:		374	East-West:			258	East-West:			429	East-West:			429
		SUM:		255	SUM:		428	SUM:			283	SUM:			483	SUM:			483
VOLUME/CAPACITY (V/C) RATIO:				0.170			0.285				0.189				0.322				0.322
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.085			0.185				0.094				0.222				0.222
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.128 Δv/c after mitigation: 0.128

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	37	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4				4				4				4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3				
	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0				
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	116	1	116	52	168	**168**	0	117	1	117	53	170	1	170	0	170	1	170
	Left-Through		0							0				0				0	
	Through	1050	3	**288**	139	1189	323	471	1534	3	**410**	139	1673	3	**445**	0	1673	3	**445**
	Through-Right		1							1				1				1	
	Right	103	0	103	0	103	103	2	106	0	106	0	106	0	106	0	106	0	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	19	1	**19**	18	37	37	3	22	1	**22**	18	40	1	**40**	0	40	1	**40**
	Left-Through		0							0				0				0	
	Through	366	2	183	81	447	**224**	29	399	2	200	115	514	2	257	0	514	2	257
	Through-Right		1							0				0				0	
	Right	16	1	0	225	241	145	20	36	1	0	232	268	1	158	0	268	1	158
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	56	1	**56**	40	96	**96**	13	70	1	**70**	40	110	1	**110**	0	110	1	**110**
	Left-Through		0							0				0				0	
	Through	219	2	110	137	356	178	42	264	2	132	137	401	2	201	0	401	2	201
	Through-Right		0							0				0				0	
	Right	130	1	14	39	169	1	0	132	1	15	39	171	1	1	0	171	1	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	56	0	56	33	89	89	0	57	0	57	0	57	0	57	0	57	0	57
	Left-Through		1							1				1				1	
	Through	227	0	**176**	119	346	**281**	43	273	0	**219**	120	393	0	**291**	0	393	0	**291**
	Through-Right		1							1				1				1	
	Right	13	0	176	24	37	281	37	50	0	219	24	74	0	291	0	74	0	291
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		307	North-South:		392	North-South:			432	North-South:			485	North-South:			485
		East-West:		232	East-West:		377	East-West:			289	East-West:			401	East-West:			401
		SUM:		539	SUM:		769	SUM:			721	SUM:			886	SUM:			886
VOLUME/CAPACITY (V/C) RATIO:				0.392			0.559				0.524				0.644				0.644
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.292**			**0.459**				**0.424**				**0.544**				**0.544**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.120 Δv/c after mitigation: 0.120

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	38	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3				3				3				3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0				
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0				
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	48	1	48	0	48	48	3	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	293	2	**147**	34	327	**164**	513	810	2	**291**	34	844	2	**325**	0	844	2	**325**
	Through-Right		0							1				1				0	
	Right	43	1	43	44	87	87	19	63	0	63	68	131	0	131	0	131	0	131
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	292	1	**176**	155	447	**253**	47	343	1	**202**	155	498	1	**279**	0	498	1	**279**
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	19	0	**19**	0	19	**19**	7	26	0	**26**	0	26	0	**26**	0	26	0	**26**
	Left-Through		0							1				1				1	
	Through	235	1	137	133	368	203	61	299	1	176	134	433	1	243	0	433	1	243
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		147	North-South:		164	North-South:			291	North-South:			325	North-South:			325
		East-West:		195	East-West:		272	East-West:			228	East-West:			305	East-West:			305
		SUM:		342	SUM:		436	SUM:			519	SUM:			630	SUM:			630
VOLUME/CAPACITY (V/C) RATIO:				0.240			0.306				0.364				0.442				0.442
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.140**			**0.206**				**0.264**				**0.342**				**0.342**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.078 Δv/c after mitigation: 0.078

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	39	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0				
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0				
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	46	0	46	0	46	46	4	51	0	51	0	51	0	51	0	51	0	51
	Left-Through		1							1				1				1	
	Through	339	3	**96**	99	438	**121**	456	799	3	**213**	99	898	3	**237**	0	898	3	**237**
	Through-Right		0							0				0				0	
	Right	51	1	51	1	52	52	25	77	1	77	1	78	1	78	0	78	1	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	208	1	**144**	127	335	**219**	38	249	1	**170**	127	376	1	**245**	0	376	1	**245**
	Through-Right		1							1				1				1	
	Right	79	0	79	24	103	103	10	90	0	90	24	114	0	114	0	114	0	114
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	31	0	**31**	14	45	**45**	0	31	0	**31**	14	45	0	**45**	0	45	0	**45**
	Left-Through		1							1				1				1	
	Through	140	1	86	130	270	180	38	180	1	121	131	311	1	201	0	311	1	201
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		96	North-South:		121	North-South:			213	North-South:			237	North-South:			237
		East-West:		175	East-West:		264	East-West:			201	East-West:			290	East-West:			290
		SUM:		271	SUM:		385	SUM:			414	SUM:			527	SUM:			527
VOLUME/CAPACITY (V/C) RATIO:				0.181			0.257				0.276				0.351				0.351
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.090**			**0.157**				**0.176**				**0.251**				**0.251**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.075 Δv/c after mitigation: 0.075

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	40	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0				
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0				
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	28	0	28	58	86	86	19	47	0	47	59	106	0	106	0	106	0	106
	Left-Through		1							1				1				1	
	Through	213	2	**70**	732	945	**267**	593	809	2	**224**	732	1541	2	**421**	0	1541	2	**421**
	Through-Right		1							1				1				1	
	Right	38	0	70	0	38	267	0	38	0	224	0	38	0	421	0	38	0	421
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	41	0	**41**	35	76	**76**	39	80	0	**80**	36	116	0	**116**	0	116	0	**116**
	Left-Through		1							1				1				1	
	Through	208	1	125	92	300	226	4	215	1	148	92	307	1	270	0	307	1	270
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	141	1	**86**	86	227	**196**	19	162	1	**103**	86	248	1	**212**	0	248	1	**212**
	Through-Right		1							1				1				1	
	Right	31	0	31	133	164	164	12	43	0	43	133	176	0	176	0	176	0	176
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		70	North-South:		267	North-South:			224	North-South:			421	North-South:			421
		East-West:		127	East-West:		272	East-West:			183	East-West:			328	East-West:			328
		SUM:		197	SUM:		539	SUM:			407	SUM:			749	SUM:			749
VOLUME/CAPACITY (V/C) RATIO:				0.131			0.359				0.271				0.499				0.499
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.066**			**0.259**				**0.171**				**0.399**				**0.399**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.228 Δv/c after mitigation: 0.228

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	41	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	237	3	79	14	251	84	205	445	3	148	14	459	3	153	0	459	3	153
	Through-Right		1							1				1				1	
	Right	221	1	122	124	345	190	260	484	1	266	124	608	1	334	0	608	1	334
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	62	0	62	33	95	95	27	90	0	90	33	123	0	123	0	123	0	123
	Left-Through		1							1				1				1	
	Through	657	1	360	28	685	390	138	803	1	447	28	831	1	477	0	831	2	318
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		122	North-South:		190	North-South:			266	North-South:			334	North-South:			334
		East-West:		360	East-West:		390	East-West:			447	East-West:			477	East-West:			318
		SUM:		482	SUM:		580	SUM:			713	SUM:			811	SUM:			652
VOLUME/CAPACITY (V/C) RATIO:				0.321			0.387				0.475				0.541				0.435
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.221			0.287				0.375				0.441				0.335
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.066 | Δv/c after mitigation: -0.040

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	42	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	144	0	144	25	169	169	32	178	0	178	25	203	0	203	0	203	0	203
	Left-Through		1							1				1				1	
	Through	422	3	141	718	1140	327	399	826	3	251	718	1544	3	437	0	1544	3	437
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	666	1	395	36	702	702	133	807	1	572	36	843	1	843	0	843	2	422
	Through-Right		1							1				1				1	
	Right	123	0	123	880	1003	1003	213	337	0	337	881	1218	0	1218	0	1218	0	1218
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		144	North-South:		327	North-South:			251	North-South:			437	North-South:			437
		East-West:		395	East-West:		1003	East-West:			572	East-West:			1218	East-West:			1218
		SUM:		539	SUM:		1330	SUM:			823	SUM:			1655	SUM:			1655
VOLUME/CAPACITY (V/C) RATIO:				0.359			0.887				0.549				1.103				1.103
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.259			0.787				0.449				1.003				1.003
LEVEL OF SERVICE (LOS):				A			C				A				F				F

PROJECT IMPACT

Change in v/c due to project: 0.554 | Δv/c after mitigation: 0.554

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	43	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	0	55	20	75	75	12	68	0	68	20	88	0	88	0	88	0	88
	Left-Through		1							1				1				1	
	Through	250	1	180	348	598	374	138	391	1	264	348	739	1	458	0	739	1	458
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	280	1	187	0	280	202	126	409	1	275	0	409	1	290	0	409	1	290
	Through-Right		1							1				1				1	
	Right	93	0	93	31	124	124	46	140	0	140	31	171	0	171	0	171	0	171
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	19	0	19	0	19	19	16	35	0	35	0	35	0	35	0	35	0	35
	Left-Through		1							1				1				1	
	Through	647	0	381	924	1571	1100	289	944	0	544	924	1868	0	1263	0	1868	1	842
	Through-Right		1							1				1				1	
	Right	96	0	381	513	609	1100	11	108	0	544	515	623	0	1263	0	623	0	842
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		242	North-South:		374	North-South:			343	North-South:			458	North-South:			458
		East-West:		381	East-West:		1100	East-West:			544	East-West:			1263	East-West:			842
		SUM:		623	SUM:		1474	SUM:			887	SUM:			1721	SUM:			1300
VOLUME/CAPACITY (V/C) RATIO:				0.415			0.983				0.591				1.147				0.867
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.315			0.883				0.491				1.047				0.767
LEVEL OF SERVICE (LOS):				A			D				A				F				C

PROJECT IMPACT

Change in v/c due to project: 0.556 | Δv/c after mitigation: 0.276

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	44	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	96	1	96	48	144	144	0	97	1	97	48	145	1	145	0	145	1	145
	Left-Through		0							0				0				0	
	Through	437	2	219	74	511	256	113	555	2	278	74	629	2	315	0	629	2	315
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	342	1	200	53	395	226	111	457	1	263	53	510	1	290	0	510	1	290
	Through-Right		1							1				1				1	
	Right	57	0	57	0	57	57	11	69	0	69	0	69	0	69	0	69	0	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	37	0	37	118	155	155	9	46	0	46	118	164	0	164	0	164	0	164
	Left-Through		1							1				1				1	
	Through	493	0	308	1390	1883	1144	305	804	0	474	1392	2196	0	1312	0	2196	1	874
	Through-Right		1							1				1				1	
	Right	85	0	308	165	250	1144	11	97	0	474	166	263	0	1312	0	263	0	874
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		296	North-South:		370	North-South:			360	North-South:			435	North-South:			435
		East-West:		308	East-West:		1144	East-West:			474	East-West:			1312	East-West:			874
		SUM:		604	SUM:		1514	SUM:			834	SUM:			1747	SUM:			1309
VOLUME/CAPACITY (V/C) RATIO:				0.403			1.009				0.556				1.165				0.873
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.303			0.909				0.456				1.065				0.773
LEVEL OF SERVICE (LOS):				A			E				A				F				C

PROJECT IMPACT

Change in v/c due to project: 0.609 | Δv/c after mitigation: 0.317

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	45	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	77	1	77	0	77	77	6	84	1	84	0	84	1	84	0	84	1	84
	Left-Through		0							0				0				0	
	Through	465	2	233	0	465	233	126	597	2	299	0	597	2	299	0	597	2	299
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	349	1	252	0	349	252	112	465	1	319	0	465	1	320	0	465	1	320
	Through-Right		1							1				1				1	
	Right	154	0	154	1	155	155	17	173	0	173	1	174	0	174	0	174	0	174
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	88	0	88	0	88	88	107	196	0	196	0	196	0	196	0	196	0	196
	Left-Through		1							1				1				1	
	Through	334	0	241	1672	2006	1077	302	640	0	461	1675	2315	0	1299	0	2315	1	866
	Through-Right		1							1				1				1	
	Right	60	0	241	0	60	1077	25	86	0	461	0	86	0	1299	0	86	0	866
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		329	North-South:		329	North-South:			403	North-South:			404	North-South:			404
		East-West:		241	East-West:		1077	East-West:			461	East-West:			1299	East-West:			866
		SUM:		570	SUM:		1406	SUM:			864	SUM:			1703	SUM:			1270
VOLUME/CAPACITY (V/C) RATIO:				0.380			0.937				0.576				1.135				0.847
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.280			0.837				0.476				1.035				0.747
LEVEL OF SERVICE (LOS):				A			D				A				F				C

PROJECT IMPACT

Change in v/c due to project: 0.559 | Δv/c after mitigation: 0.271
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	46	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	26	1	26	0	26	26	0	26	1	26	0	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	137	2	69	0	137	69	6	145	2	73	0	145	2	73	0	145	2	73
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	392	1	249	0	392	335	18	415	1	263	0	415	1	350	0	415	1	350
	Through-Right		1							1				1				1	
	Right	105	0	105	173	278	278	5	111	0	111	173	284	0	284	0	284	0	284
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	74	0	74	0	74	74	0	75	0	75	0	75	0	75	0	75	0	75
	Left-Through		1							1				1				1	
	Through	365	0	403	1499	1864	1152	430	799	0	634	1502	2301	0	1385	0	2301	1	923
	Through-Right		1							1				1				1	
	Right	366	0	403	0	366	1152	24	394	0	634	0	394	0	1385	0	394	0	923
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		275	North-South:		361	North-South:			289	North-South:			376	North-South:			376
		East-West:		403	East-West:		1152	East-West:			634	East-West:			1385	East-West:			923
		SUM:		678	SUM:		1513	SUM:			923	SUM:			1761	SUM:			1299
VOLUME/CAPACITY (V/C) RATIO:				0.452			1.009				0.615				1.174				0.866
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.352			0.909				0.515				1.074				0.766
LEVEL OF SERVICE (LOS):				A			E				A				F				C

PROJECT IMPACT

Change in v/c due to project: 0.559 | Δv/c after mitigation: 0.251
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	47	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	5	1	5	0	5	5	0	5	1	5	0	5	1	5	0	5	1	5
	Left-Through		0							0				0				0	
	Through	211	3	70	0	211	70	420	634	3	211	0	634	3	211	0	634	3	211
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	40	1	28	21	61	39	42	82	1	49	22	104	1	60	0	104	1	60
	Through-Right		1							1				1				1	
	Right	16	0	16	0	16	16	0	16	0	16	0	16	0	16	0	16	0	16
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		70	North-South:		70	North-South:			211	North-South:			211	North-South:			211
		East-West:		28	East-West:		39	East-West:			49	East-West:			60	East-West:			60
		SUM:		98	SUM:		109	SUM:			260	SUM:			271	SUM:			271
VOLUME/CAPACITY (V/C) RATIO:				0.069			0.076				0.182				0.190				0.190
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.034			0.038				0.091				0.095				0.095
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.004 | Δv/c after mitigation: 0.004
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	48	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 3 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	147	2	81	30	177	97	0	149	2	82	30	179	2	98	0	179	2	98
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	145	1	145	0	145	145	59	206	1	206	0	206	1	206	0	206	1	206
	Left-Through		0							0				0				0	
	Through	162	3	54	47	209	70	174	338	3	113	47	385	3	128	0	385	3	128
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	322	2	107	306	628	209	319	645	2	215	306	951	2	317	0	951	2	317
	Through-Right		1							1				1				1	
	Right	90	1	90	0	90	90	78	169	1	169	0	169	1	169	0	169	1	169
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		226	North-South:		242	North-South:			288	North-South:			304	North-South:			304
		East-West:		107	East-West:		209	East-West:			215	East-West:			317	East-West:			317
		SUM:		333	SUM:		451	SUM:			503	SUM:			621	SUM:			621
VOLUME/CAPACITY (V/C) RATIO:				0.234			0.316				0.353				0.436				0.436
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.134			0.216				0.253				0.336				0.336
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.083 | Δv/c after mitigation: 0.083
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
49	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	247	3	74	518	765	204	180	430	3	120	518	948	3	250	0	948	3	250
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	318	1	318	225	543	543	251	573	1	573	225	798	1	798	0	798	1	798
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	305	2	153	112	417	209	127	436	2	218	112	548	2	274	0	548	2	274
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		74	North-South:		204	North-South:			120	North-South:			250	North-South:			250
	East-West:		318	East-West:		543	East-West:			573	East-West:			798	East-West:			798
	SUM:		392	SUM:		747	SUM:			693	SUM:			1048	SUM:			1048
VOLUME/CAPACITY (V/C) RATIO:			0.261			0.498				0.462				0.699				0.699
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.161			0.398				0.362				0.599				0.599
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.237 | Δv/c after mitigation: 0.237 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
50	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	246	1	145	257	503	273	135	384	1	214	257	641	1	343	0	641	1	343
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	63	0	63	0	63	63	17	81	0	81	0	81	0	81	0	81	0	81
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	234	1	149	0	234	180	125	362	1	262	0	362	1	343	0	362	1	343
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	58	1	58	112	170	170	15	74	1	74	112	186	1	186	0	186	0	186
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	409	1	226	0	409	226	111	525	1	285	0	525	1	285	0	525	1	252
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	252
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		208	North-South:		336	North-South:			295	North-South:			424	North-South:			424
	East-West:		226	East-West:		226	East-West:			285	East-West:			285	East-West:			252
	SUM:		434	SUM:		562	SUM:			580	SUM:			709	SUM:			676
VOLUME/CAPACITY (V/C) RATIO:			0.289			0.375				0.387				0.473				0.451
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.189			0.275				0.287				0.373				0.351
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.086 | Δv/c after mitigation: 0.064 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
51	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	487	1	273	122	609	334	113	606	1	343	122	728	1	404	0	728	1	404
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	58	0	58	0	58	58	20	79	0	79	0	79	0	79	0	79	0	79
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	68	1	68	0	68	68	14	83	1	83	0	83	1	83	0	83	1	83
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	312	2	156	171	483	242	106	422	2	211	171	593	2	297	0	593	2	297
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	47	1	47	0	47	47	0	48	1	48	0	48	1	48	0	48	0	48
EASTBOUND Left-Through		0							0				0				1	
EASTBOUND Through	459	1	240	0	459	240	115	580	1	307	0	580	1	307	0	580	1	220
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	20	0	20	0	20	20	13	33	0	33	0	33	0	33	0	33	0	220
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		341	North-South:		402	North-South:			426	North-South:			487	North-South:			487
	East-West:		240	East-West:		240	East-West:			307	East-West:			307	East-West:			220
	SUM:		581	SUM:		642	SUM:			733	SUM:			794	SUM:			707
VOLUME/CAPACITY (V/C) RATIO:			0.387			0.428				0.489				0.529				0.471
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.287			0.328				0.389				0.429				0.371
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.040 | Δv/c after mitigation: -0.018 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
52	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	492	1	323	0	492	323	110	608	1	439	0	608	1	439	0	608	1	439
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	153	0	153	0	153	153	114	269	0	269	0	269	0	269	0	269	0	269
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	80	1	80	0	80	80	16	97	1	97	0	97	1	97	0	97	1	97
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	358	2	179	0	358	179	203	565	2	283	0	565	2	283	0	565	2	283
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	54	0	54	0	54	54	22	77	0	77	0	77	0	77	0	77	0	77
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	435	1	245	0	435	245	121	561	1	319	0	561	1	319	0	561	1	319
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	52	1	52	0	52	52	6	59	1	59	0	59	1	59	0	59	1	59
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		403	North-South:		403	North-South:			536	North-South:			536	North-South:			536
	East-West:		245	East-West:		245	East-West:			319	East-West:			319	East-West:			319
	SUM:		648	SUM:		648	SUM:			855	SUM:			855	SUM:			855
VOLUME/CAPACITY (V/C) RATIO:			0.432			0.432				0.570				0.570				0.570
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.332			0.332				0.470				0.470				0.470
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	53	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	255	1	129	0	255	129	4	262	1	132	0	262	1	132	0	262	1	132
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	8	1	8	0	8	8	0	8	1	8	0	8	1	8	0	8	1	8
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	222	2	111	0	222	111	0	225	2	113	0	225	2	113	0	225	2	113
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	563	1	563	0	563	563	251	821	1	821	0	821	1	821	0	821	2	452
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	63	1	49	0	63	49	0	64	1	50	0	64	1	50	0	64	1	50
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		137	North-South:		137	North-South:			140	North-South:			140	North-South:			140
	East-West:		563	East-West:		563	East-West:			821	East-West:			821	East-West:			452
	SUM:		700	SUM:		700	SUM:			961	SUM:			961	SUM:			592
VOLUME/CAPACITY (V/C) RATIO:			0.467			0.467				0.641				0.641				0.395
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.367			0.367				0.541				0.541				0.295
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: -0.246

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	54	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	134	1	134	0	134	134	10	146	1	146	0	146	1	146	0	146	1	146
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	903	3	249	157	1060	297	548	1462	3	399	157	1619	3	447	0	1619	3	447
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	94	0	94	32	126	126	40	135	0	135	32	167	0	167	0	167	0	167
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	67	1	67	26	93	93	0	68	1	68	26	94	1	94	0	94	1	94
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	344	1	224	21	365	260	7	355	1	234	21	376	1	271	0	376	1	271
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	103	0	103	52	155	155	9	113	0	113	52	165	0	165	0	165	0	165
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	77	1	77	21	98	98	22	100	1	100	21	121	1	121	0	121	1	121
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	433	2	178	95	528	210	48	486	2	197	95	581	2	229	0	581	2	229
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	101	0	101	0	101	101	3	105	0	105	0	105	0	105	0	105	0	105
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	106	1	106	2	108	108	34	141	1	141	2	143	1	143	0	143	1	143
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	629	2	244	0	629	249	87	724	2	286	0	724	2	290	0	724	3	241
WESTBOUND Through-Right		1							1				1				0	
WESTBOUND Right	104	0	104	14	118	118	28	133	0	133	14	147	0	147	0	147	1	100
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		358	North-South:		394	North-South:			467	North-South:			541	North-South:			541
	East-West:		321	East-West:		347	East-West:			386	East-West:			411	East-West:			372
	SUM:		679	SUM:		741	SUM:			853	SUM:			952	SUM:			913
VOLUME/CAPACITY (V/C) RATIO:			0.494			0.539				0.620				0.692				0.664
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.394			0.439				0.520				0.592				0.564
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.072 — Δv/c after mitigation: 0.044

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	55	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	20	1	20	0	20	20	9	29	1	29	0	29	1	29	0	29	1	29
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	142	2	71	0	142	71	387	531	2	211	0	531	2	211	0	531	2	211
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	77	1	77	0	77	77	25	103	0	103	0	103	1	103	0	103	0	103
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	555	2	278	99	654	327	84	646	2	323	99	745	2	373	0	745	2	373
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	39	1	39	54	93	93	4	43	1	43	54	97	1	97	0	97	1	97
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	45	45	0	0	0	0	0	45	45	0	0	0	45	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	779	2	390	16	795	398	125	913	2	457	16	929	2	465	0	929	2	465
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		77	North-South:		77	North-South:			211	North-South:			211	North-South:			211
	East-West:		390	East-West:		398	East-West:			457	East-West:			465	East-West:			465
	SUM:		467	SUM:		475	SUM:			668	SUM:			676	SUM:			676
VOLUME/CAPACITY (V/C) RATIO:			0.311			0.317				0.445				0.451				0.451
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.211			0.217				0.345				0.351				0.351
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.006 — Δv/c after mitigation: 0.006

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	56	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	68	1	68	0	68	68	0	69	1	69	0	69	1	69	0	69	1	69
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	137	0	207	35	172	257	0	139	0	217	35	174	0	267	0	174	0	267
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	70	0	0	15	85	0	7	78	0	0	15	93	0	0	0	93	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	47	1	47	0	47	47	49	97	1	97	0	97	1	97	0	97	1	97
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	143	2	72	0	143	72	187	332	2	166	0	332	2	166	0	332	2	166
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	84	1	84	37	121	121	16	101	1	101	37	138	1	138	0	138	1	138
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	543	1	285	99	642	334	92	642	1	334	99	741	1	384	0	741	1	384
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	38	1	38	0	38	38	4	42	1	42	0	42	1	42	0	42	1	42
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	586	1	299	24	610	311	110	703	1	358	24	727	1	370	0	727	1	370
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		254	North-South:		304	North-South:			314	North-South:			364	North-South:			364
	East-West:		323	East-West:		372	East-West:			376	East-West:			426	East-West:			426
	SUM:		577	SUM:		676	SUM:			690	SUM:			790	SUM:			790
VOLUME/CAPACITY (V/C) RATIO:			0.405			0.474				0.484				0.554				0.554
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.305			0.374				0.384				0.454				0.454
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.070 — Δv/c after mitigation: 0.070

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	57	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	25	0 1	25	6	31	31	52	77	0 1	77	6	83	0 1	83	0	83	0 1	83
	Left-Through																		
	Through	74	1 1	39	427	501	183	140	215	1 1	103	427	642	1 1	248	0	642	1 1	248
	Through-Right																		
	Right	18	0 1	39	0	18	183	0	18	0 1	103	0	18	0 1	248	0	18	0 1	248
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Through-Right		0							0				0				0	
	Right	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	64	1 0	64	61	125	125	37	102	1 0	102	61	163	1 0	163	0	163	1 0	163
	Left-Through																		
	Through	570	1 1	292	53	623	318	109	686	1 1	350	53	739	1 1	376	0	739	1 1	376
	Through-Right																		
	Right	13	0 0	13	0	13	13	0	13	0 0	13	0	13	0 0	13	0	13	0 0	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	6	1 0	6	182	188	188	0	6	1 0	6	182	188	1 0	188	0	188	1 0	188
	Left-Through		0							0				0				0	
	Through	606	1 1	332	20	626	359	117	730	1 1	396	20	750	1 1	423	0	750	1 1	423
	Through-Right																		
	Right	58	0 0	58	34	92	92	2	61	0 0	61	34	95	0 0	95	0	95	0 0	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		39	North-South:		183			North-South:	103			North-South:	248			North-South:	248
		East-West:		396	East-West:		506			East-West:	498			East-West:	586			East-West:	586
		SUM:		435	SUM:		689			SUM:	601			SUM:	834			SUM:	834
VOLUME/CAPACITY (V/C) RATIO:				0.305			0.484				0.422				0.585				0.585
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.205			0.384				0.322				0.485				0.485
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.163 | Δv/c after mitigation: 0.163 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	58	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	21	1 0	21	2	23	23	0	21	1 0	21	2	23	1 0	23	0	23	1 0	23
	Left-Through																		
	Through	217	1 1	129	191	408	224	102	322	1 1	181	191	513	1 1	277	0	513	1 1	277
	Through-Right																		
	Right	40	0 0	40	0	40	40	0	40	0 0	40	0	40	0 0	40	0	40	0 0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	71	1 0	71	0	71	71	7	79	1 0	79	0	79	1 0	79	0	79	1 0	79
	Left-Through		0							0				0				0	
	Through	175	1 1	103	0	175	103	97	274	1 1	163	0	274	1 1	163	0	274	1 1	163
	Through-Right																		
	Right	31	0 0	31	0	31	31	21	52	0 0	52	0	52	0 0	52	0	52	0 0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	5	1 0	5	49	54	54	12	17	1 0	17	49	66	1 0	66	0	66	1 0	66
	Left-Through		0							0				0				0	
	Through	121	1 1	61	4	125	63	97	219	1 1	110	4	223	1 1	112	0	223	1 1	112
	Through-Right																		
	Right	1	0 0	1	0	1	1	0	1	0 0	1	0	1	0 0	1	0	1	0 0	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	25	1 0	25	0	25	25	0	25	1 0	25	0	25	1 0	25	0	25	1 0	25
	Left-Through		0							0				0				0	
	Through	422	1 1	239	234	656	364	98	525	1 1	301	234	759	1 1	427	0	759	1 1	427
	Through-Right																		
	Right	55	0 0	55	17	72	72	21	77	0 0	77	17	94	0 0	94	0	94	0 0	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		200	North-South:		295			North-South:	260			North-South:	356			North-South:	356
		East-West:		244	East-West:		418			East-West:	318			East-West:	493			East-West:	493
		SUM:		444	SUM:		713			SUM:	578			SUM:	849			SUM:	849
VOLUME/CAPACITY (V/C) RATIO:				0.312			0.500				0.406				0.596				0.596
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.212			0.400				0.306				0.496				0.496
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.190 | Δv/c after mitigation: 0.190 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	59	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	27	1 0	27	0	27	27	0	27	1 0	27	0	27	1 0	27	0	27	1 0	27
	Left-Through																		
	Through	425	1 1	245	122	547	306	112	542	1 1	308	122	664	1 1	369	0	664	1 1	369
	Through-Right																		
	Right	65	0 0	65	0	65	65	8	74	0 0	74	0	74	0 0	74	0	74	0 0	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	45	1 0	45	0	45	45	20	66	1 0	66	0	66	1 0	66	0	66	1 0	66
	Left-Through		0							0				0				0	
	Through	273	1 1	159	2	275	244	97	373	1 1	211	2	375	1 1	296	0	375	1 1	296
	Through-Right																		
	Right	45	0 0	45	168	213	213	2	48	0 0	48	168	216	0 0	216	0	216	0 0	216
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	10	1 0	10	0	10	10	15	25	1 0	25	0	25	1 0	25	0	25	1 0	25
	Left-Through		0							0				0				0	
	Through	201	1 1	105	4	205	107	89	292	1 1	151	4	296	1 1	153	0	296	1 1	153
	Through-Right																		
	Right	9	0 0	9	0	9	9	0	9	0 0	9	0	9	0 0	9	0	9	0 0	9
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	42	1 0	42	0	42	42	7	50	1 0	50	0	50	1 0	50	0	50	1 0	50
	Left-Through		0							0				0				0	
	Through	439	1 1	255	83	522	297	117	561	1 1	320	83	644	1 1	361	0	644	1 1	361
	Through-Right																		
	Right	71	0 0	71	0	71	71	6	78	0 0	78	0	78	0 0	78	0	78	0 0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		290	North-South:		351			North-South:	374			North-South:	435			North-South:	435
		East-West:		265	East-West:		307			East-West:	345			East-West:	386			East-West:	386
		SUM:		555	SUM:		658			SUM:	719			SUM:	821			SUM:	821
VOLUME/CAPACITY (V/C) RATIO:				0.389			0.462				0.505				0.576				0.576
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.289			0.362				0.405				0.476				0.476
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.071 | Δv/c after mitigation: 0.071 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	60	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	1 0	55	0	55	55	0	56	1 0	56	0	56	1 0	56	0	56	1 0	56
	Left-Through																		
	Through	526	1 1	305	0	526	305	206	738	1 1	418	0	738	1 1	418	0	738	1 1	418
	Through-Right																		
	Right	83	0 0	83	0	83	83	13	97	0 0	97	0	97	0 0	97	0	97	0 0	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	48	1 0	48	0	48	48	10	59	1 0	59	0	59	1 0	59	0	59	1 0	59
	Left-Through		0							0				0				0	
	Through	301	1 1	176	0	301	176	190	495	1 1	279	0	495	1 1	279	0	495	1 1	279
	Through-Right																		
	Right	51	0 0	51	0	51	51	10	62	0 0	62	0	62	0 0	62	0	62	0 0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	46	1 0	46	0	46	46	7	54	1 0	54	0	54	1 0	54	0	54	1 0	54
	Left-Through		0							0				0				0	
	Through	583	1 1	317	4	587	319	111	701	1 1	376	4	705	1 1	378	0	705	1 1	378
	Through-Right																		
	Right	50	0 0	50	0	50	50	0	51	0 0	51	0	51	0 0	51	0	51	0 0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	75	1 0	75	0	75	75	0	76	1 0	76	0	76	1 0	76	0	76	1 0	76
	Left-Through		0							0				0				0	
	Through	644	1 1	351	83	727	393	121	773	1 1	422	83	856	1 1	463	0	856	1 1	463
	Through-Right																		
	Right	58	0 0	58	0	58	58	11	70	0 0	70	0	70	0 0	70	0	70	0 0	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		353	North-South:		353			North-South:	477			North-South:	477			North-South:	477
		East-West:		397	East-West:		439			East-West:	476			East-West:	517			East-West:	517
		SUM:		750	SUM:		792			SUM:	953			SUM:	994			SUM:	994
VOLUME/CAPACITY (V/C) RATIO:				0.526			0.556				0.669				0.698				0.698
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.426			0.456				0.569				0.598				0.598
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.029 | Δv/c after mitigation: 0.029 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	61	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through		1							1				1				1	
	Through	78	0	55	0	78	55	0	79	0	55	0	79	0	55	0	79	0	55
	Through-Right		1							1				1				1	
	Right	23	0	55	0	23	55	0	23	0	55	0	23	0	55	0	23	0	55
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	66	0	66	0	66	66	0	67	0	67	0	67	0	67	0	67	0	67
	Left-Through		1							1				1				1	
	Through	109	0	**122**	0	109	**122**	0	110	0	**124**	0	110	0	**124**	0	110	0	**124**
	Through-Right		1							1				1				1	
	Right	69	0	122	0	69	122	0	70	0	124	0	70	0	124	0	70	0	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	49	1	**49**	0	49	**49**	4	54	1	**54**	0	54	1	**54**	0	54	1	**54**
	Left-Through		0							0				0				0	
	Through	447	1	229	4	451	231	87	539	1	275	4	543	1	277	0	543	1	277
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	21	1	21	0	21	21	0	21	1	21	0	21	1	21	0	21	1	21
	Left-Through		0							0				0				0	
	Through	436	1	**260**	83	519	**302**	95	536	1	**311**	83	619	1	**352**	0	619	1	**352**
	Through-Right		1							1				1				1	
	Right	84	0	84	0	84	84	0	85	0	85	0	85	0	85	0	85	0	85
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		130	*North-South:*		130	*North-South:*			132	*North-South:*			132	*North-South:*			132
		East-West:		309	*East-West:*		351	*East-West:*			365	*East-West:*			406	*East-West:*			406
		SUM:		439	*SUM:*		481	*SUM:*			497	*SUM:*			538	*SUM:*			538
VOLUME/CAPACITY (*V/C*) RATIO:				0.308			0.338				0.349				0.378				0.378
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.208			0.238				0.249				0.278				0.278
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.029 | *Δv/c* after mitigation: 0.029 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	62	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	70	1	**70**	0	70	**70**	12	83	1	**83**	0	83	1	**83**	0	83	1	**83**
	Left-Through		0							0				0				0	
	Through	602	1	325	0	602	325	0	609	1	330	0	609	1	330	0	609	1	330
	Through-Right		1							1				1				1	
	Right	48	0	48	0	48	48	2	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	72	1	72	0	72	72	0	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	587	1	**338**	0	587	**338**	0	594	1	**342**	0	594	1	**342**	0	594	1	**342**
	Through-Right		1							1				1				1	
	Right	89	0	89	0	89	89	0	90	0	90	0	90	0	90	0	90	0	90
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	133	1	133	0	133	133	0	135	1	135	0	135	1	135	0	135	1	135
	Left-Through		0							0				0				0	
	Through	431	1	**261**	4	435	**263**	81	517	1	**310**	4	521	1	**312**	0	521	1	**312**
	Through-Right		1							1				1				1	
	Right	91	0	91	0	91	91	11	103	0	103	0	103	0	103	0	103	0	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	154	1	**154**	0	154	**154**	0	156	1	**156**	0	156	1	**156**	0	156	1	**156**
	Left-Through		0							0				0				0	
	Through	398	1	228	83	481	270	84	487	1	273	83	570	1	315	0	570	1	315
	Through-Right		1							1				1				1	
	Right	58	0	58	0	58	58	0	59	0	59	0	59	0	59	0	59	0	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		408	*North-South:*		408	*North-South:*			425	*North-South:*			425	*North-South:*			425
		East-West:		415	*East-West:*		417	*East-West:*			466	*East-West:*			468	*East-West:*			468
		SUM:		823	*SUM:*		825	*SUM:*			891	*SUM:*			893	*SUM:*			893
VOLUME/CAPACITY (*V/C*) RATIO:				0.578			0.579				0.625				0.627				0.627
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.478			0.479				0.525				0.527				0.527
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.002 | *Δv/c* after mitigation: 0.002 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	63	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 3, EB-- 0 WB-- 3 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	175	1	175	0	175	175	14	191	1	191	0	191	1	191	0	191	1	191
	Left-Through		0							0				0				0	
	Through	1346	2	**484**	44	1390	**499**	561	1923	2	**680**	44	1967	2	**695**	0	1967	2	**695**
	Through-Right		1							1				1				1	
	Right	107	0	107	0	107	107	9	117	0	117	0	117	0	117	0	117	0	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	112	1	**112**	0	112	**112**	14	127	1	**127**	0	127	1	**127**	0	127	1	**127**
	Left-Through		0							0				0				0	
	Through	704	2	352	21	725	363	178	890	2	445	22	912	2	456	0	912	2	456
	Through-Right		0							0				0				0	
	Right	93	1	0	0	93	0	8	102	1	0	0	102	1	0	0	102	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	136	1	136	0	136	136	2	140	1	140	0	140	1	140	0	140	1	140
	Left-Through		0							0				0				0	
	Through	343	1	**343**	0	343	**343**	9	356	1	**356**	0	356	1	**356**	0	356	1	**356**
	Through-Right		0							0				0				0	
	Right	240	1	153	0	240	153	6	249	1	154	0	249	1	154	0	249	1	154
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	217	1	**217**	0	217	**217**	68	288	1	**288**	0	288	1	**288**	0	288	1	**288**
	Left-Through		0							0				0				0	
	Through	609	2	305	0	609	305	12	628	2	314	0	628	2	314	0	628	2	314
	Through-Right		0							0				0				0	
	Right	391	1	279	48	439	327	47	443	1	316	48	491	1	364	0	491	1	364
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		596	*North-South:*		611	*North-South:*			807	*North-South:*			822	*North-South:*			822
		East-West:		560	*East-West:*		560	*East-West:*			644	*East-West:*			644	*East-West:*			644
		SUM:		1156	*SUM:*		1171	*SUM:*			1451	*SUM:*			1466	*SUM:*			1466
VOLUME/CAPACITY (*V/C*) RATIO:				0.841			0.852				1.055				1.066				1.066
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.741			0.752				0.955				0.966				0.966
LEVEL OF SERVICE (LOS):				C			C				E				E				E

PROJECT IMPACT

Change in *v/c* due to project: 0.011 | *Δv/c* after mitigation: 0.011 | Significant impacted?: YES | Fully mitigated?: NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	64	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 2 WB-- 2 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	179	2	**82**	22	201	**90**	441	622	2	**242**	22	644	2	**250**	0	644	2	**250**
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	36	105	0	105	0	105	0	105	0	105	0	105
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	373	1	294	0	373	294	32	409	1	313	0	409	1	313	0	409	1	313
	Through-Right		1							1				1				1	
	Right	214	0	214	0	214	214	0	217	0	217	0	217	0	217	0	217	0	217
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	1173	2	**391**	48	1221	**439**	91	1278	2	**426**	49	1327	2	**442**	0	1327	2	**442**
	Through-Right		1							1				1				1	
	Right	0	0	0	97	97	97	8	8	1	8	97	105	1	105	0	105	1	105
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		82	*North-South:*		90	*North-South:*			242	*North-South:*			250	*North-South:*			250
		East-West:		391	*East-West:*		439	*East-West:*			426	*East-West:*			442	*East-West:*			442
		SUM:		473	*SUM:*		529	*SUM:*			668	*SUM:*			692	*SUM:*			692
VOLUME/CAPACITY (*V/C*) RATIO:				0.315			0.353				0.486				0.503				0.503
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.215			0.253				0.386				0.403				0.403
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.017 | *Δv/c* after mitigation: 0.017 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	65	North-South Street:	I-110 NB Off General	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		141	1	141	48	189	189	22	165	1	165	48	213	1	213	0	213	1	213
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		206	0	**206**	182	388	**388**	54	262	0	**262**	182	444	0	**444**	0	444	0	**444**
	Left-Through-Right			0							0				0				0	
	Left-Right			1							1				1				0	
SOUTHBOUND	Left		529	1	**356**	97	626	**618**	8	543	2	**299**	97	640	2	352	0	640	2	352
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		183	0	356	427	610	618	43	228	1	228	427	655	1	**655**	0	655	1	**655**
	Left-Through-Right			0							0				0				0	
	Left-Right			1							0				0				0	
EASTBOUND	Left		0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through			0							0				0				0	
	Through		376	2	188	0	376	188	74	455	2	228	0	455	2	228	0	455	2	228
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		521	2	**261**	0	521	**261**	68	595	2	**298**	0	595	2	**298**	0	595	2	**298**
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		562	North-South:		1006	North-South:			561	North-South:			1099	North-South:			1099
			East-West:		261	East-West:		261	East-West:			298	East-West:			298	East-West:			298
			SUM:		823	SUM:		1267	SUM:			859	SUM:			1397	SUM:			1397
	VOLUME/CAPACITY (v/c) RATIO:				0.578			0.889				0.603				0.980				0.980
	v/c LESS ATSAC/ATCS ADJUSTMENT:				0.478			0.789				0.503				0.880				0.880
	LEVEL OF SERVICE (LOS):				A			C				A				D				D

PROJECT IMPACT

Change in v/c due to project: 0.377 | Δv/c after mitigation: 0.377

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	66	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		36	1	36	0	36	36	0	36	1	36	0	36	1	36	0	36	1	36
	Left-Through			0							0				0				0	
	Through		163	1	**163**	4	167	**167**	0	165	1	**165**	4	169	1	**169**	0	169	1	**169**
	Through-Right			0							0				0				0	
	Right		61	1	37	0	61	37	0	62	1	37	0	62	1	37	0	62	1	37
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		49	1	**49**	0	49	**49**	0	50	1	**50**	0	50	1	**50**	0	50	1	**50**
	Left-Through			0							0				0				0	
	Through		159	1	102	0	159	102	139	300	1	173	0	300	1	173	0	300	1	173
	Through-Right			1							1				1				1	
	Right		45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		137	1	**137**	46	183	183	0	139	1	139	46	185	1	185	0	185	1	185
	Left-Through			0							0				0				0	
	Through		595	1	318	563	1158	**600**	128	730	1	**386**	563	1293	1	**667**	0	1293	1	**667**
	Through-Right			1							1				1				1	
	Right		41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		49	1	49	0	49	**49**	0	50	1	**50**	0	50	1	**50**	0	50	1	**50**
	Left-Through			0							0				0				0	
	Through		448	1	**255**	0	448	255	68	521	1	292	0	521	1	292	0	521	1	292
	Through-Right			1							1				1				1	
	Right		62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		212	North-South:		216			North-South:	215			North-South:	219			North-South:	219
			East-West:		392	East-West:		649			East-West:	436			East-West:	717			East-West:	717
			SUM:		604	SUM:		865			SUM:	651			SUM:	936			SUM:	936
	VOLUME/CAPACITY (v/c) RATIO:				0.403			0.577				0.434				0.624				0.624
	v/c LESS ATSAC/ATCS ADJUSTMENT:				0.303			0.477				0.334				0.524				0.524
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.190 | Δv/c after mitigation: 0.190

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	67	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
	Left-Through			0							0				0				0	
	Through		276	1	**179**	262	538	**310**	152	431	1	**257**	262	693	1	**388**	0	693	1	**388**
	Through-Right			1							1				1				1	
	Right		81	0	81	0	81	81	0	82	0	82	0	82	0	82	0	82	0	82
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		62	1	**62**	0	62	**62**	0	63	1	**63**	0	63	1	**63**	0	63	1	**63**
	Left-Through			0							0				0				0	
	Through		181	1	114	0	181	114	88	271	1	161	0	271	1	161	0	271	1	161
	Through-Right			1							1				1				1	
	Right		46	0	46	0	46	46	3	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		65	1	65	446	511	**511**	54	120	1	**120**	446	566	1	**566**	0	566	1	**566**
	Left-Through			0							0				0				0	
	Through		598	1	**318**	116	714	376	75	680	1	359	116	796	1	417	0	796	1	417
	Through-Right			1							1				1				1	
	Right		38	0	38	0	38	38	0	38	0	38	0	38	0	38	0	38	0	38
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		40	1	**40**	0	40	40	0	40	1	40	0	40	1	40	0	40	1	40
	Left-Through			0							0				0				0	
	Through		445	1	254	0	445	**254**	66	516	1	**290**	0	516	1	**290**	0	516	1	**290**
	Through-Right			1							1				1				1	
	Right		63	0	63	0	63	63	0	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		241	North-South:		372			North-South:	320			North-South:	451			North-South:	451
			East-West:		358	East-West:		765			East-West:	410			East-West:	856			East-West:	856
			SUM:		599	SUM:		1137			SUM:	730			SUM:	1307			SUM:	1307
	VOLUME/CAPACITY (v/c) RATIO:				0.399			0.758				0.487				0.871				0.871
	v/c LESS ATSAC/ATCS ADJUSTMENT:				0.299			0.658				0.387				0.771				0.771
	LEVEL OF SERVICE (LOS):				A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.384 | Δv/c after mitigation: 0.384

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	68	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		72	1	72	0	72	72	1	74	1	74	0	74	1	74	0	74	1	74
	Left-Through			0							0				0				0	
	Through		432	1	**232**	5	437	**234**	114	551	1	**291**	5	556	1	**294**	0	556	1	**294**
	Through-Right			1							1				1				1	
	Right		31	0	31	0	31	31	0	31	0	31	0	31	0	31	0	31	0	31
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		32	1	**32**	0	32	**32**	0	32	1	**32**	0	32	1	**32**	0	32	1	**32**
	Left-Through			0							0				0				0	
	Through		300	1	174	2	302	175	93	397	1	229	2	399	1	230	0	399	1	230
	Through-Right			1							1				1				1	
	Right		48	0	48	0	48	48	11	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		79	1	**79**	116	195	**195**	8	88	1	**88**	116	204	1	**204**	0	204	1	**204**
	Left-Through			0							0				0				0	
	Through		413	1	227	0	413	227	64	482	1	263	0	482	1	263	0	482	1	263
	Through-Right			1							1				1				1	
	Right		41	0	41	0	41	41	3	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		29	1	29	0	29	29	0	29	1	29	0	29	1	29	0	29	1	29
	Left-Through			0							0				0				0	
	Through		464	1	**244**	0	464	**244**	54	524	1	**274**	0	524	1	**274**	0	524	1	**274**
	Through-Right			1							1				1				1	
	Right		24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		264	North-South:		266			North-South:	323			North-South:	326			North-South:	326
			East-West:		323	East-West:		439			East-West:	362			East-West:	478			East-West:	478
			SUM:		587	SUM:		705			SUM:	685			SUM:	804			SUM:	804
	VOLUME/CAPACITY (v/c) RATIO:				0.391			0.470				0.457				0.536				0.536
	v/c LESS ATSAC/ATCS ADJUSTMENT:				0.291			0.370				0.357				0.436				0.436
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.079 | Δv/c after mitigation: 0.079

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	69	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	70	1	70	0	70	70	0	71	1	71	0	71	1	71	0	71	1	71
	Left-Through		0							0				0				0	
	Through	566	1	315	0	566	315	200	773	1	419	0	773	1	419	0	773	1	419
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	0	65	0	65	0	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	42	1	42	0	42	42	0	43	1	43	0	43	1	43	0	43	1	43
	Left-Through		0							0				0				0	
	Through	410	1	228	0	410	228	185	600	1	325	0	600	1	325	0	600	1	325
	Through-Right		1							1				1				1	
	Right	46	0	46	0	46	46	3	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	92	1	92	0	92	92	17	110	1	110	0	110	1	110	0	110	1	110
	Left-Through		0							0				0				0	
	Through	516	1	285	0	516	285	47	569	1	312	0	569	1	312	0	569	1	312
	Through-Right		1							1				1				1	
	Right	54	0	54	0	54	54	0	55	0	55	0	55	0	55	0	55	0	55
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	79	1	79	0	79	79	0	80	1	80	0	80	1	80	0	80	1	80
	Left-Through		0							0				0				0	
	Through	428	1	248	0	428	248	52	485	1	277	0	485	1	277	0	485	1	277
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		357	North-South:		357	North-South:			462	North-South:			462	North-South:			462
		East-West:		364	East-West:		364	East-West:			392	East-West:			392	East-West:			392
		SUM:		721	SUM:		721	SUM:			854	SUM:			854	SUM:			854
	VOLUME/CAPACITY (V/C) RATIO:			0.524			0.524				0.621				0.621				0.621
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.424			0.424				0.521				0.521				0.521
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	70	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Jefferson	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	1	44	0	44	44	9	54	1	54	0	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	212	2	81	8	220	84	316	531	2	213	8	539	2	216	0	539	2	216
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	77	108	0	108	0	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	436	2	218	0	436	218	154	595	2	298	0	595	2	298	0	595	2	298
	Through-Right		0							0				0				0	
	Right	335	1	335	0	335	335	51	390	1	390	0	390	1	390	0	390	1	390
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	96	1	96	0	96	96	0	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	637	2	319	0	637	319	151	796	2	398	0	796	2	398	0	796	2	398
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		81	North-South:		84	North-South:			213	North-South:			216	North-South:			216
		East-West:		431	East-West:		431	East-West:			487	East-West:			487	East-West:			487
		SUM:		512	SUM:		515	SUM:			700	SUM:			703	SUM:			703
	VOLUME/CAPACITY (V/C) RATIO:			0.359			0.361				0.509				0.511				0.511
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.259			0.261				0.409				0.411				0.411
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.002 | Δv/c after mitigation: 0.002

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	71	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Exposition	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	164	1	164	0	164	164	0	166	1	166	0	166	1	166	0	166	1	166
	Left-Through		0							0				0				0	
	Through	1221	3	315	37	1258	324	452	1688	3	434	37	1725	3	443	0	1725	3	443
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	9	47	0	47	0	47	0	47	0	47	0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	239	1	239	11	250	250	115	357	1	357	11	368	1	368	0	368	1	368
	Left-Through		0							0				0				0	
	Through	638	2	319	9	647	324	119	765	1	383	9	774	1	387	0	774	1	387
	Through-Right		0							1				1				1	
	Right	73	1	0	0	73	0	0	74	1	0	0	74	1	0	0	74	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	135	2	74	0	135	74	0	137	2	75	0	137	2	75	0	137	2	75
	Left-Through		0							0				0				0	
	Through	350	3	117	0	350	117	22	376	3	125	0	376	3	125	0	376	3	125
	Through-Right		0							0				0				0	
	Right	134	1	0	0	134	0	0	136	1	0	0	136	1	0	0	136	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	66	1	66	0	66	66	11	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	405	2	203	0	405	203	26	436	2	218	0	436	2	218	0	436	2	218
	Through-Right		0							0				0				0	
	Right	333	1	214	8	341	216	48	385	1	207	8	393	1	209	0	393	1	209
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		554	North-South:		574	North-South:			791	North-South:			811	North-South:			811
		East-West:		288	East-West:		290	East-West:			293	East-West:			293	East-West:			293
		SUM:		842	SUM:		864	SUM:			1084	SUM:			1104	SUM:			1104
	VOLUME/CAPACITY (V/C) RATIO:			0.612			0.628				0.788				0.803				0.803
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.512			0.528				0.688				0.703				0.703
	LEVEL OF SERVICE (LOS):			A			A				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.015 | Δv/c after mitigation: 0.015

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	72	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	100	2	55	0	100	55	0	101	2	56	0	101	2	56	0	101	2	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	518	2	285	0	518	285	51	575	2	316	0	575	2	316	0	575	2	316
	Left-Through		0							0				0				0	
	Through	149	2	75	8	157	79	301	452	2	226	8	460	2	230	0	460	2	230
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	616	4	134	11	627	136	145	768	4	165	12	780	4	167	0	780	4	167
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		340	North-South:		340	North-South:			372	North-South:			372	North-South:			372
		East-West:		134	East-West:		136	East-West:			165	East-West:			167	East-West:			167
		SUM:		474	SUM:		476	SUM:			537	SUM:			539	SUM:			539
	VOLUME/CAPACITY (V/C) RATIO:			0.333			0.334				0.377				0.378				0.378
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.233			0.234				0.277				0.278				0.278
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	73	North-South Street:	I-110 NB Off- Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		492	2	200	8	500	219	61	559	2	222	8	567	2	242	0	567	2	242
	Through-Right			1							1				1				1	
	Right		107	0	107	50	157	157	0	108	0	108	50	158	0	158	0	158	0	158
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		362	2	199	0	362	199	73	439	2	241	0	439	2	241	0	439	2	241
	Left-Through			0							0				0				0	
	Through		125	2	63	0	125	63	2	129	2	65	0	129	2	65	0	129	2	65
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		109	1	109	0	109	109	2	112	1	112	0	112	1	112	0	112	1	112
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		200	North-South:		219	North-South:			222	North-South:			242	North-South:			242
			East-West:		308	East-West:		308	East-West:			353	East-West:			353	East-West:			353
			SUM:		508	SUM:		527	SUM:			575	SUM:			595	SUM:			595
	VOLUME/CAPACITY (V/C) RATIO:				0.356			0.370				0.404				0.418				0.418
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.256			0.270				0.304				0.318				0.318
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.014 — Δv/c after mitigation: 0.014

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	74	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		18	1	18	0	18	18	0	18	1	18	0	18	1	18	0	18	1	18
	Left-Through			0							0				0				0	
	Through		271	1	139	213	484	245	152	426	1	216	213	639	1	323	0	639	1	323
	Through-Right			1							1				1				1	
	Right		6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through			0							0				0				0	
	Through		164	1	91	0	164	91	87	253	1	136	0	253	1	136	0	253	1	136
	Through-Right			1							1				1				1	
	Right		18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		42	0	42	49	91	91	0	43	0	43	49	92	0	92	0	92	0	92
	Left-Through			1							1				1				1	
	Through		68	0	110	0	68	159	2	71	0	114	0	71	0	163	0	71	0	163
	Through-Right			0							0				0				0	
	Right		25	1	16	0	25	16	0	25	1	16	0	25	1	16	0	25	1	16
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		16	0	25	0	16	25	2	18	0	27	0	18	0	27	0	18	0	27
	Through-Right			0							0				0				0	
	Right		9	0	0	0	9	0	0	9	0	0	0	9	0	0	0	9	0	0
	Left-Through-Right			1							1				1				1	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		142	North-South:		248			North-South:	219			North-South:	326			North-South:	326
			East-West:		110	East-West:		159			East-West:	114			East-West:	163			East-West:	163
			SUM:		252	SUM:		407			SUM:	333			SUM:	489			SUM:	489
	VOLUME/CAPACITY (V/C) RATIO:				0.168			0.271				0.222				0.326				0.326
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.084			0.171				0.122				0.226				0.226
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.104 — Δv/c after mitigation: 0.104

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	75	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	37th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		7	1	7	0	7	7	2	9	1	9	0	9	1	9	0	9	1	9
	Left-Through			0							0				0				0	
	Through		488	1	246	5	493	248	123	617	1	310	5	622	1	313	0	622	1	313
	Through-Right			1							1				1				1	
	Right		3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		8	1	8	0	8	8	0	8	1	8	0	8	1	8	0	8	1	8
	Left-Through			0							0				0				0	
	Through		404	1	203	2	406	204	107	516	1	259	2	518	1	260	0	518	1	260
	Through-Right			1							1				1				1	
	Right		2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	Left-Through			0							0				0				0	
	Through		14	0	51	0	14	51	0	14	0	53	0	14	0	53	0	14	0	53
	Through-Right			0							0				0				0	
	Right		11	0	0	0	11	0	2	13	0	0	0	13	0	0	0	13	0	0
	Left-Through-Right			1							1				1				1	
	Left-Right			0							0				0				0	
WESTBOUND	Left		5	0	5	0	5	5	0	5	0	5	0	5	0	5	0	5	0	5
	Left-Through			0							0				0				0	
	Through		4	0	13	0	4	13	0	4	0	13	0	4	0	13	0	4	0	13
	Through-Right			0							0				0				0	
	Right		4	0	0	0	4	0	0	4	0	0	0	4	0	0	0	4	0	0
	Left-Through-Right			1							1				1				1	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		254	North-South:		256			North-South:	318			North-South:	321			North-South:	321
			East-West:		56	East-West:		56			East-West:	58			East-West:	58			East-West:	58
			SUM:		310	SUM:		312			SUM:	376			SUM:	379			SUM:	379
	VOLUME/CAPACITY (V/C) RATIO:				0.207			0.208				0.251				0.253				0.253
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.107			0.108				0.151				0.153				0.153
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.002 — Δv/c after mitigation: 0.002

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	76	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		46	2	25	0	46	25	0	47	2	26	0	47	2	26	0	47	2	26
	Left-Through			0							0				0				0	
	Through		552	2	202	14	566	207	433	992	2	349	14	1006	2	354	0	1006	2	354
	Through-Right			1							1				1				1	
	Right		55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		56	2	31	0	56	31	25	82	2	45	0	82	2	45	0	82	2	45
	Left-Through			0							0				0				0	
	Through		511	2	174	9	520	177	103	620	2	210	9	629	2	213	0	629	2	213
	Through-Right			1							1				1				1	
	Right		11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		34	1	19	0	34	19	0	34	1	19	0	34	1	19	0	34	1	19
	Left-Through			1							1				1				1	
	Through		10	0	18	0	10	18	0	10	0	18	0	10	0	18	0	10	0	18
	Through-Right			1							1				1				1	
	Right		8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		117	1	64	0	117	64	0	118	1	65	0	118	1	65	0	118	1	65
	Left-Through			1							1				1				1	
	Through		33	0	189	0	33	211	0	33	0	215	0	33	0	237	0	33	0	237
	Through-Right			1							1				1				1	
	Right		156	0	156	22	178	178	24	182	0	182	22	204	0	204	0	204	0	204
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		233	North-South:		238			North-South:	394			North-South:	399			North-South:	399
			East-West:		208	East-West:		230			East-West:	234			East-West:	256			East-West:	256
			SUM:		441	SUM:		468			SUM:	628			SUM:	655			SUM:	655
	VOLUME/CAPACITY (V/C) RATIO:				0.321			0.340				0.457				0.476				0.476
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.221			0.240				0.357				0.376				0.376
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.019 — Δv/c after mitigation: 0.019

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	77	North-South Street:	I-110 SB HOV Off Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--	
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	156	0	156	22	178	178	24	182	0	182	22	204	0	204	0	204	0	204
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	65	0	221	121	186	364	0	66	0	248	121	187	0	391	0	187	0	391
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	68	2	34	0	68	34	0	69	2	35	0	69	2	35	0	69	2	35
	Through-Right		0							0				0				0	
	Right	72	1	72	8	80	80	25	98	1	98	8	106	1	106	0	106	1	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	94	2	47	0	94	47	0	95	2	48	0	95	2	48	0	95	2	48
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		221	North-South:		364	North-South:			248	North-South:			391	North-South:			391
		East-West:		127	East-West:		135	East-West:			154	East-West:			169	East-West:			162
		SUM:		348	SUM:		499	SUM:			402	SUM:			553	SUM:			553
VOLUME/CAPACITY (V/C) RATIO:				0.232			0.333				0.268				0.369				0.369
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.132			0.233				0.168				0.269				0.269
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.101 Δv/c after mitigation: 0.101

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	78	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--	
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	102	1	102	0	102	102	2	105	1	105	0	105	1	105	0	105	1	105
	Left-Through		0							0				0				0	
	Through	353	3	118	5	358	119	397	754	3	251	5	759	3	253	0	759	3	253
	Through-Right		0							0				0				0	
	Right	112	1	0	0	112	0	2	115	1	0	0	115	1	0	0	115	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	141	1	141	7	148	148	35	178	1	178	7	185	1	185	0	185	1	185
	Left-Through		0							0				0				0	
	Through	340	2	155	2	342	155	66	410	2	137	2	412	2	137	0	412	2	137
	Through-Right		1							1				1				1	
	Right	124	0	124	0	124	124	2	127	1	43	0	127	1	43	0	127	1	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	164	1	164	0	164	164	2	168	1	168	0	168	1	168	0	168	1	168
	Left-Through		0							0				0				0	
	Through	1288	2	459	0	1288	459	2	1306	2	467	0	1306	2	467	0	1306	2	467
	Through-Right		1							1				1				1	
	Right	90	0	90	0	90	90	3	94	0	94	0	94	0	94	0	94	0	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	189	1	189	0	189	189	15	206	1	206	0	206	1	206	0	206	1	206
	Left-Through		0							0				0				0	
	Through	1213	2	475	0	1213	478	1	1229	2	492	0	1229	2	495	0	1229	2	495
	Through-Right		1							1				1				1	
	Right	211	0	211	9	220	220	34	248	0	248	9	257	0	257	0	257	0	257
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		259	North-South:		267	North-South:			429	North-South:			438	North-South:			438
		East-West:		648	East-West:		648	East-West:			673	East-West:			673	East-West:			673
		SUM:		907	SUM:		915	SUM:			1102	SUM:			1111	SUM:			1111
VOLUME/CAPACITY (V/C) RATIO:				0.660			0.665				0.801				0.808				0.808
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.560			0.565				0.701				0.708				0.708
LEVEL OF SERVICE (LOS):				A			A				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.007 Δv/c after mitigation: 0.007

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	79	North-South Street:	I-110 SB Ramps	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--	
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	267	1	267	0	267	267	0	270	1	270	0	270	1	270	0	270	1	270
	Left-Through		0							0				0				0	
	Through	6	0	0	0	6	0	0	6	0	0	0	6	0	0	0	6	0	0
	Through-Right		0							0				0				0	
	Right	608	1	334	0	608	334	12	627	1	345	0	627	1	345	0	627	1	345
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1002	2	501	0	1002	501	39	1053	2	527	0	1053	2	527	0	1053	2	527
	Through-Right		1							1				1				1	
	Right	592	0	592	7	599	599	0	599	0	599	7	606	0	606	0	606	0	606
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	224	1	224	0	224	224	0	227	1	227	0	227	1	227	0	227	1	227
	Left-Through		0							0				0				0	
	Through	1112	3	371	9	1121	374	38	1163	3	388	9	1172	3	391	0	1172	3	391
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		334	North-South:		334	North-South:			345	North-South:			345	North-South:			345
		East-West:		816	East-West:		823	East-West:			826	East-West:			833	East-West:			833
		SUM:		1150	SUM:		1157	SUM:			1171	SUM:			1178	SUM:			1178
VOLUME/CAPACITY (V/C) RATIO:				0.767			0.771				0.781				0.785				0.785
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.667			0.671				0.681				0.685				0.685
LEVEL OF SERVICE (LOS):				B			B				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.004 Δv/c after mitigation: 0.004

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	80	North-South Street:	I-110 NB Ramps/Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			1			1			1			1			1			1			1		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--	
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	375	1	314	9	384	366	0	380	1	380	9	389	1	389	0	389	1	389
	Left-Through		0							0				0				0	
	Through	88	0	314	95	183	366	152	241	0	407	95	336	0	502	0	336	0	502
	Through-Right		0							0				0				0	
	Right	164	0	0	0	164	0	0	166	0	0	0	166	0	0	0	166	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	40	1	40	0	40	40	0	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	1	1	1	0	1	1	87	88	1	88	0	88	1	88	0	88	1	88
	Through-Right		0							0				0				0	
	Right	106	1	92	0	106	92	0	107	1	93	0	107	1	93	0	107	1	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	29	1	29	0	29	29	0	29	1	29	0	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	748	2	355	0	748	355	39	796	2	372	0	796	2	372	0	796	2	372
	Through-Right		1							1				1				1	
	Right	317	0	317	0	317	317	0	321	0	321	0	321	0	321	0	321	0	321
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	126	1	126	0	126	126	0	128	1	128	0	128	1	128	0	128	1	128
	Left-Through		0							0				0				0	
	Through	830	2	286	0	830	286	38	878	2	302	0	878	2	302	0	878	2	302
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		406	North-South:		458	North-South:			500	North-South:			595	North-South:			595
		East-West:		481	East-West:		481	East-West:			500	East-West:			500	East-West:			500
		SUM:		887	SUM:		939	SUM:			1000	SUM:			1095	SUM:			1095
VOLUME/CAPACITY (V/C) RATIO:				0.645			0.683				0.727				0.796				0.796
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.545			0.583				0.627				0.696				0.696
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.069 Δv/c after mitigation: 0.069

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	81	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	James Wood	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	272	1	272	68	340	340	135	410	1	410	65	475	1	475	0	475	1	475
	Through-Right		0							0				0				0	
	Right	28	1	28	0	28	28	7	35	1	35	0	35	1	35	0	35	1	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	3	0	3	0	3	3	27	30	0	30	0	30	0	30	0	30	0	30
	Left-Through		1							1				1				1	
	Through	592	1	212	346	938	327	500	1099	1	390	346	1445	1	505	0	1445	1	505
	Through-Right		1							1				1				1	
	Right	41	0	212	0	41	327	0	41	0	390	0	41	0	505	0	41	0	505
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		272		North-South:	340		North-South:		410		North-South:		475		North-South:		475
		East-West:		212		East-West:	327		East-West:		390		East-West:		505		East-West:		505
		SUM:		484		SUM:	667		SUM:		800		SUM:		980		SUM:		980
VOLUME/CAPACITY (v/c) RATIO:				0.323			0.445				0.533				0.653				0.653
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.223			0.345				0.433				0.553				0.553
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.120 | Δv/c after mitigation: 0.120
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	82	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	71	1	71	0	71	71	79	151	1	151	0	151	1	151	0	151	1	151
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	151	0	151	313	464	464	87	240	1	240	315	555	1	535	0	555	1	535
	Left-Through		1							1				1				1	
	Through	1116	3	317	762	1878	586	761	1890	4	378	762	2652	4	535	0	2652	4	535
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		71		North-South:	71		North-South:		151		North-South:		151		North-South:		151
		East-West:		317		East-West:	586		East-West:		378		East-West:		535		East-West:		535
		SUM:		388		SUM:	657		SUM:		529		SUM:		686		SUM:		686
VOLUME/CAPACITY (v/c) RATIO:				0.259			0.438				0.353				0.457				0.457
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.159			0.338				0.253				0.357				0.357
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.104 | Δv/c after mitigation: 0.104
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	83	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1046	3	292	263	1309	359	631	1690	3	470	322	2012	3	552	0	2012	3	552
	Through-Right		1							1				1				1	
	Right	123	0	123	4	127	127	67	191	0	191	5	196	0	196	0	196	0	196
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	43	1	43	579	622	398	94	138	1	138	579	717	1	569	0	717	1	569
	Left-Through		1							1				1				1	
	Through	1189	3	297	178	1367	398	745	1948	3	487	178	2126	3	569	0	2126	3	569
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		292		North-South:	359		North-South:		470		North-South:		552		North-South:		552
		East-West:		297		East-West:	398		East-West:		487		East-West:		569		East-West:		569
		SUM:		589		SUM:	757		SUM:		957		SUM:		1121		SUM:		1121
VOLUME/CAPACITY (v/c) RATIO:				0.393			0.505				0.638				0.747				0.747
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.293			0.405				0.538				0.647				0.647
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.109 | Δv/c after mitigation: 0.109
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	84	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	222	1	222	0	222	222	12	237	1	237	0	237	1	237	0	237	1	237
	Left-Through		0							0				0				0	
	Through	505	4	126	171	676	169	521	1032	4	258	171	1203	4	301	0	1203	4	301
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	854	3	285	119	973	324	599	1463	3	488	119	1582	3	527	0	1582	3	527
	Through-Right		1							1				1				1	
	Right	479	0	479	63	542	542	213	698	0	698	63	761	0	761	0	761	0	761
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		222		North-South:	222		North-South:		258		North-South:		301		North-South:		301
		East-West:		479		East-West:	542		East-West:		698		East-West:		761		East-West:		761
		SUM:		701		SUM:	764		SUM:		956		SUM:		1062		SUM:		1062
VOLUME/CAPACITY (v/c) RATIO:				0.467			0.509				0.637				0.708				0.708
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.367			0.409				0.537				0.608				0.608
LEVEL OF SERVICE (LOS):				A			A				A				B				B

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Change in v/c due to project: 0.071 | Δv/c after mitigation: 0.071
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	85	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	471	1	267	1	472	268	129	606	1	335	1	607	1	336	0	607	1	336
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	0	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	97	1	97	0	97	97	3	101	1	101	0	101	1	101	0	101	1	101
	Left-Through		0							0				0				0	
	Through	374	2	187	0	374	187	94	473	1	473	0	473	1	473	0	473	1	473
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	116	1	116	0	116	116	79	196	1	196	0	196	1	196	0	196	1	196
	Left-Through		0							0				0				0	
	Through	818	3	273	4	822	274	233	1061	3	354	4	1065	3	355	0	1065	3	355
	Through-Right		0							0				0				0	
	Right	64	1	64	0	64	64	83	148	1	148	0	148	1	148	0	148	1	148
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		364	North-South:		365	North-South:			473	North-South:			473	North-South:			473
		East-West:		273	East-West:		274	East-West:			354	East-West:			355	East-West:			355
		SUM:		637	SUM:		639	SUM:			827	SUM:			828	SUM:			828
VOLUME/CAPACITY (V/C) RATIO:				0.425			0.426				0.551				0.552				0.552
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.325			0.326				0.451				0.452				0.452
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	86	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	621	2	311	0	621	311	273	901	2	451	0	901	2	451	0	901	2	451
	Through-Right		0							0				0				0	
	Right	73	1	73	0	73	73	0	74	1	74	0	74	1	74	0	74	1	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	394	2	217	0	394	217	90	489	2	269	75	564	2	310	0	564	2	310
	Left-Through		0							0				0				0	
	Through	664	1	404	0	664	404	159	831	1	489	0	831	1	489	0	831	1	489
	Through-Right		1							1				1				1	
	Right	144	0	144	0	144	144	1	147	0	147	0	147	0	147	0	147	0	147
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		311	North-South:		311	North-South:			451	North-South:			451	North-South:			451
		East-West:		404	East-West:		404	East-West:			489	East-West:			489	East-West:			489
		SUM:		715	SUM:		715	SUM:			940	SUM:			940	SUM:			940
VOLUME/CAPACITY (V/C) RATIO:				0.477			0.477				0.627				0.627				0.627
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.377			0.377				0.527				0.527				0.527
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	87	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	214	2	118	24	238	131	46	263	2	145	24	287	2	158	0	287	2	158
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	15	15	0	0	0	15	0	0	0	15	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	30	30	0	0	0	30	0	0	0	30	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	68	0	68	535	603	603	144	213	0	213	594	807	0	807	0	807	0	807
	Left-Through		1							1				1				1	
	Through	1323	4	278	542	1865	466	425	1764	4	395	617	2381	4	595	0	2381	4	595
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	48	48	0	48	0	48	0	0	0	48	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		118	North-South:		131	North-South:			145	North-South:			158	North-South:			158
		East-West:		278	East-West:		603	East-West:			395	East-West:			807	East-West:			807
		SUM:		396	SUM:		734	SUM:			540	SUM:			965	SUM:			965
VOLUME/CAPACITY (V/C) RATIO:				0.264			0.489				0.360				0.643				0.643
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.164			0.389				0.260				0.543				0.543
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.283 | Δv/c after mitigation: 0.283
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	88	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	122	1	122	489	611	611	255	378	1	378	548	926	1	926	0	926	1	926
	Left-Through		0							0				0				0	
	Through	890	6	148	108	998	166	470	1371	6	229	108	1479	6	247	0	1479	6	247
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1218	4	305	587	1805	451	362	1595	4	399	662	2257	4	564	0	2257	4	564
	Through-Right		0							0				0				0	
	Right	225	1	225	433	658	658	21	249	1	249	454	703	1	703	0	703	1	703
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		148	North-South:		611	North-South:			378	North-South:			926	North-South:			926
		East-West:		305	East-West:		658	East-West:			399	East-West:			703	East-West:			703
		SUM:		453	SUM:		1269	SUM:			777	SUM:			1629	SUM:			1629
VOLUME/CAPACITY (V/C) RATIO:				0.302			0.846				0.518				1.086				1.086
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.202			0.746				0.418				0.986				0.986
LEVEL OF SERVICE (LOS):				A			C				A				E				E

PROJECT IMPACT

Change in v/c due to project: 0.568 | Δv/c after mitigation: 0.568
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	89	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	629	4	157	317	946	237	475	1112	4	**278**	317	1429	4	357	0	1429	4	357
	Through-Right		0							0				0				0	
	Right	162	1	**162**	481	643	**643**	10	174	1	174	481	655	1	**655**	0	655	1	**655**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	104	0	104	41	145	145	58	163	0	163	41	204	0	204	0	204	0	204
	Left-Through		1							1				1				1	
	Through	1280	3	**346**	539	1819	**491**	373	1668	3	**458**	635	2303	3	**627**	0	2303	3	**627**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		162	North-South:		643	North-South:			278	North-South:			655	North-South:			655
		East-West:		346	East-West:		491	East-West:			458	East-West:			627	East-West:			627
		SUM:		508	SUM:		1134	SUM:			736	SUM:			1282	SUM:			1282
VOLUME/CAPACITY (V/C) RATIO:				0.339			0.756				0.491				0.855				0.855
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.239			0.656				0.391				0.755				0.755
LEVEL OF SERVICE (LOS):				A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.364 | Δv/c after mitigation: 0.364
Significant impacted?: YES | Fully mitigated?: NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	90	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	76	1	**76**	0	76	**76**	5	82	1	**82**	0	82	1	**82**	0	82	1	**82**
	Left-Through		0							0				0				0	
	Through	278	2	139	-1	277	139	106	387	2	194	-1	386	2	193	0	386	2	193
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	508	2	**254**	108	616	**308**	196	710	2	**355**	108	818	2	**409**	0	818	2	**409**
	Through-Right		0							0				0				0	
	Right	137	1	137	113	250	250	76	215	1	215	113	328	1	328	0	328	1	328
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	66	1	66	28	94	94	51	118	1	118	28	146	1	146	0	146	1	146
	Left-Through		0							0				0				0	
	Through	805	2	**300**	139	944	**346**	351	1166	2	**425**	139	1305	2	**471**	0	1305	2	**471**
	Through-Right		1							1				1				1	
	Right	94	0	94	0	94	94	14	109	0	109	0	109	0	109	0	109	0	109
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		330	North-South:		384	North-South:			437	North-South:			491	North-South:			491
		East-West:		300	East-West:		346	East-West:			425	East-West:			471	East-West:			471
		SUM:		630	SUM:		730	SUM:			862	SUM:			962	SUM:			962
VOLUME/CAPACITY (V/C) RATIO:				0.420			0.487				0.575				0.641				0.641
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.320			0.387				0.475				0.541				0.541
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.066 | Δv/c after mitigation: 0.066
Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	91	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	77	1	**77**	1	78	**78**	59	137	1	**137**	1	138	1	**138**	0	138	1	**138**
	Left-Through		0							0				0				0	
	Through	516	2	258	0	516	258	150	672	2	336	0	672	2	336	0	672	2	336
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	431	1	**281**	0	431	**281**	97	533	0	**712**	0	533	0	**712**	0	533	0	**712**
	Through-Right		1							1				1				1	
	Right	131	0	131	0	131	131	46	179	0	0	0	179	0	0	0	179	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	48	0	48	0	48	48	0	49	0	49	0	49	0	49	0	49	0	49
	Left-Through		1							1				1				1	
	Through	753	2	**226**	166	919	**268**	312	1074	2	**309**	166	1240	2	**351**	0	1240	2	**351**
	Through-Right		1							1				1				1	
	Right	104	0	226	0	104	268	8	113	0	309	0	113	0	351	0	113	0	351
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		358	North-South:		359	North-South:			849	North-South:			850	North-South:			850
		East-West:		226	East-West:		268	East-West:			309	East-West:			351	East-West:			351
		SUM:		584	SUM:		627	SUM:			1158	SUM:			1201	SUM:			1201
VOLUME/CAPACITY (V/C) RATIO:				0.410			0.440				0.813				0.843				0.843
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.310			0.340				0.713				0.743				0.743
LEVEL OF SERVICE (LOS):				A			A				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.030 | Δv/c after mitigation: 0.030
Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	92	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	35	1	**35**	0	35	**35**	0	35	1	**35**	0	35	1	**35**	0	35	1	**35**
	Left-Through		0							0				0				0	
	Through	64	1	64	0	64	64	10	75	1	75	0	75	1	75	0	75	1	75
	Through-Right		0							0				0				0	
	Right	48	1	14	0	48	14	0	49	1	11	0	49	1	11	0	49	1	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	222	1	**222**	0	222	**222**	61	286	1	**286**	0	286	1	**286**	0	286	1	**286**
	Through-Right		0							0				0				0	
	Right	44	1	34	0	44	34	18	63	1	34	0	63	1	34	0	63	1	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	20	1	20	0	20	20	38	58	1	**58**	0	58	1	58	0	58	1	58
	Left-Through		0							0				0				0	
	Through	420	2	**210**	173	593	**297**	118	543	2	272	173	716	2	**358**	0	716	2	**358**
	Through-Right		0							0				0				0	
	Right	113	1	96	0	113	96	33	147	1	130	0	147	1	130	0	147	1	130
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	68	1	**68**	0	68	**68**	7	76	1	76	0	76	1	**76**	0	76	1	**76**
	Left-Through		0							0				0				0	
	Through	451	2	226	2	453	227	245	701	2	**351**	2	703	2	352	0	703	2	352
	Through-Right		0							0				0				0	
	Right	19	1	7	0	19	7	19	38	1	26	0	38	1	26	0	38	1	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		257	North-South:		257	North-South:			321	North-South:			321	North-South:			321
		East-West:		278	East-West:		365	East-West:			409	East-West:			434	East-West:			434
		SUM:		535	SUM:		622	SUM:			730	SUM:			755	SUM:			755
VOLUME/CAPACITY (V/C) RATIO:				0.357			0.415				0.487				0.503				0.503
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.287			0.345				0.387				0.403				0.403
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.016 | Δv/c after mitigation: 0.016
Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	93	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3				3				3				3				3				3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	93	0	93	2	95	95	81	175	0	175	2	177	0	177	0	177	0	177
	Left-Through		1							1				1				1	
	Through	942	3	**214**	10	952	**239**	407	1360	3	**314**	10	1370	3	**339**	0	1370	3	**339**
	Through-Right		1							1				1				1	
	Right	37	0	214	110	147	239	0	37	0	314	110	147	0	339	0	147	0	339
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	243	2	**134**	0	243	134	137	383	2	**211**	0	383	2	**211**	0	383	2	**211**
	Left-Through		0							0				0				0	
	Through	374	2	187	173	547	**274**	92	471	2	236	173	644	2	322	0	644	2	322
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	185	2	93	0	185	93	116	303	2	**152**	0	303	2	**152**	0	303	2	**152**
	Through-Right		0							0				0				0	
	Right	120	1	**120**	0	120	120	0	121	1	121	0	121	1	121	0	121	1	121
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		214	North-South:		239	North-South:			314	North-South:			339	North-South:			339
		East-West:		254	East-West:		274	East-West:			363	East-West:			363	East-West:			363
		SUM:		468	SUM:		513	SUM:			677	SUM:			702	SUM:			702
VOLUME/CAPACITY (V/C) RATIO:				0.328			0.360				0.475				0.493				0.493
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.258			0.290				0.375				0.393				0.393
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.018 — Δv/c after mitigation: 0.018

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	94	North-South Street:	Lucas	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	0	**17**	0	17	**17**	8	25	0	**25**	0	25	0	**25**	0	25	0	**25**
	Left-Through		0							0				0				0	
	Through	95	0	132	0	95	132	99	195	0	278	0	195	0	278	0	195	0	278
	Through-Right		0							0				0				0	
	Right	20	0	0	0	20	0	38	58	0	0	0	58	0	0	0	58	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	0	23	217	240	**240**	39	62	0	62	217	279	0	279	0	279	0	279
	Left-Through		0							0				0				0	
	Through	76	0	**162**	131	207	**510**	135	212	0	**345**	131	343	0	**693**	0	343	0	**693**
	Through-Right		0							0				0				0	
	Right	63	0	0	0	63	0	7	71	0	0	0	71	0	0	0	71	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	73	1	**73**	0	73	**73**	3	77	1	**77**	0	77	1	**77**	0	77	1	**77**
	Left-Through		0							0				0				0	
	Through	487	1	254	22	509	265	276	769	1	399	22	791	1	410	0	791	1	410
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	9	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	11	1	11	0	11	11	5	16	1	16	0	16	1	16	0	16	1	16
	Left-Through		0							0				0				0	
	Through	479	1	**246**	0	479	**246**	258	743	1	**414**	0	743	1	**414**	0	743	1	**414**
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	71	84	0	84	0	84	0	84	0	84	0	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		179	North-South:		527	North-South:			370	North-South:			718	North-South:			718
		East-West:		319	East-West:		319	East-West:			491	East-West:			491	East-West:			491
		SUM:		498	SUM:		846	SUM:			861	SUM:			1209	SUM:			1209
VOLUME/CAPACITY (V/C) RATIO:				0.332			0.564				0.574				0.806				0.806
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.262			0.494				0.474				0.706				0.706
LEVEL OF SERVICE (LOS):				A			A				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.232 — Δv/c after mitigation: 0.232

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	95	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	25	1	**25**	0	25	**25**	3	28	1	**28**	0	28	1	**28**	0	28	1	**28**
	Left-Through		0							0				0				0	
	Through	49	0	70	0	49	70	18	68	0	111	0	68	0	111	0	68	0	111
	Through-Right		1							1				1				1	
	Right	21	0	0	0	21	0	22	43	0	0	0	43	0	0	0	43	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	1	44	0	44	44	7	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	120	0	**159**	0	120	**159**	12	133	0	**186**	0	133	0	**186**	0	133	0	**186**
	Through-Right		1							1				1				1	
	Right	39	0	0	0	39	0	14	53	0	0	0	53	0	0	0	53	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	22	1	22	0	22	22	18	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	437	1	**256**	239	676	**376**	387	829	1	**456**	239	1068	1	**576**	0	1068	1	**576**
	Through-Right		1							1				1				1	
	Right	75	0	75	0	75	75	7	83	0	83	0	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	72	1	**72**	0	72	**72**	15	88	1	**88**	0	88	1	**88**	0	88	1	**88**
	Left-Through		0							0				0				0	
	Through	438	1	243	0	438	243	347	790	1	422	0	790	1	422	0	790	1	422
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	5	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		184	North-South:		184	North-South:			214	North-South:			214	North-South:			214
		East-West:		328	East-West:		448	East-West:			544	East-West:			664	East-West:			664
		SUM:		512	SUM:		632	SUM:			758	SUM:			878	SUM:			878
VOLUME/CAPACITY (V/C) RATIO:				0.341			0.421				0.505				0.585				0.585
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.271			0.351				0.405				0.485				0.485
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.080 — Δv/c after mitigation: 0.080

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	96	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1191	5	**199**	7	1198	**200**	494	1699	5	**283**	7	1706	5	**284**	0	1706	5	**284**
	Through-Right		1							1				1				1	
	Right	114	1	114	3	117	117	50	165	1	165	3	168	1	168	0	168	1	168
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	130	1	130	95	225	225	161	293	1	293	95	388	1	388	0	388	1	388
	Left-Through		1							1				1				1	
	Through	1005	4	**201**	1016	2021	**404**	683	1700	4	**340**	1016	2716	4	**543**	0	2716	4	**543**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		199	North-South:		200	North-South:			283	North-South:			284	North-South:			284
		East-West:		201	East-West:		404	East-West:			340	East-West:			543	East-West:			543
		SUM:		400	SUM:		604	SUM:			623	SUM:			827	SUM:			827
VOLUME/CAPACITY (V/C) RATIO:				0.267			0.403				0.415				0.551				0.551
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.197			0.333				0.315				0.451				0.451
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.136 — Δv/c after mitigation: 0.136

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	97	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		162	2	89	24	186	102	2	166	2	91	24	190	2	105	0	190	2	105
	Left-Through			0							0				0				0	
	Through		304	4	76	447	751	188	334	642	4	161	447	1089	4	272	0	1089	4	272
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		957	3	239	482	1439	430	411	1380	3	376	482	1862	3	579	0	1862	3	579
	Through-Right			1							1				1				1	
	Right		175	1	175	537	712	0	321	498	1	0	537	1035	1	0	0	1035	1	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
CRITICAL VOLUMES			North-South:		89	North-South:		188	North-South:			161	North-South:			272	North-South:			272
			East-West:		239	East-West:		430	East-West:			376	East-West:			579	East-West:			579
			SUM:		328	SUM:		618	SUM:			537	SUM:			851	SUM:			851
VOLUME/CAPACITY (V/C) RATIO:					0.219			0.412				0.358				0.567				0.567
V/C LESS ATSAC/ATCS ADJUSTMENT:					0.149			0.342				0.258				0.467				0.467
LEVEL OF SERVICE (LOS):					A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.209 | Δv/c after mitigation: 0.209

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	98	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		97	0	97	0	97	97	10	108	0	108	0	108	0	108	0	108	0	108
	Left-Through			1							1				1				1	
	Through		433	3	133	349	782	220	242	680	3	197	349	1029	3	284	0	1029	3	284
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		1000	4	231	152	1152	285	368	1380	4	318	152	1532	4	373	0	1532	4	373
	Through-Right			1							1				1				1	
	Right		153	0	153	121	274	274	57	212	0	212	121	333	0	333	0	333	0	333
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
CRITICAL VOLUMES			North-South:		133	North-South:		220	North-South:			197	North-South:			284	North-South:			284
			East-West:		231	East-West:		285	East-West:			318	East-West:			373	East-West:			373
			SUM:		364	SUM:		505	SUM:			515	SUM:			657	SUM:			657
VOLUME/CAPACITY (V/C) RATIO:					0.243			0.337				0.343				0.438				0.438
V/C LESS ATSAC/ATCS ADJUSTMENT:					0.173			0.267				0.243				0.338				0.338
LEVEL OF SERVICE (LOS):					A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.095 | Δv/c after mitigation: 0.095

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	99	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		339	1	217	0	339	217	135	478	1	287	0	478	1	287	0	478	1	287
	Through-Right			1							1				1				1	
	Right		95	0	95	0	95	95	0	96	0	96	0	96	0	96	0	96	0	96
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		85	1	85	0	85	85	24	110	1	110	0	110	1	110	0	110	1	110
	Left-Through			0							0				0				0	
	Through		557	3	186	182	739	246	257	821	3	274	182	1003	3	334	0	1003	3	334
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through			1							1				1				1	
	Through		749	2	241	2	751	258	305	1063	2	331	2	1065	2	348	0	1065	2	348
	Through-Right			1							1				1				1	
	Right		164	0	241	65	229	258	43	209	0	331	65	274	0	348	0	274	0	348
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
CRITICAL VOLUMES			North-South:		302	North-South:		302	North-South:			397	North-South:			397	North-South:			397
			East-West:		241	East-West:		258	East-West:			331	East-West:			348	East-West:			348
			SUM:		543	SUM:		560	SUM:			728	SUM:			745	SUM:			745
VOLUME/CAPACITY (V/C) RATIO:					0.362			0.373				0.485				0.497				0.497
V/C LESS ATSAC/ATCS ADJUSTMENT:					0.292			0.303				0.385				0.397				0.397
LEVEL OF SERVICE (LOS):					A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.012 | Δv/c after mitigation: 0.012

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	100	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		112	0	112	0	112	112	46	159	0	159	0	159	0	159	0	159	0	159
	Left-Through			1							1				1				1	
	Through		391	4	98	222	613	145	489	885	2	348	222	1107	2	422	0	1107	2	422
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		662	3	200	2	664	201	291	961	3	282	2	963	3	282	0	963	3	282
	Through-Right			1							1				1				1	
	Right		138	0	138	0	138	138	25	165	0	165	0	165	0	165	0	165	0	165
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
CRITICAL VOLUMES			North-South:		112	North-South:		145	North-South:			348	North-South:			422	North-South:			422
			East-West:		200	East-West:		201	East-West:			282	East-West:			282	East-West:			282
			SUM:		312	SUM:		346	SUM:			630	SUM:			704	SUM:			704
VOLUME/CAPACITY (V/C) RATIO:					0.208			0.231				0.420				0.469				0.469
V/C LESS ATSAC/ATCS ADJUSTMENT:					0.138			0.161				0.320				0.369				0.369
LEVEL OF SERVICE (LOS):					A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.049 | Δv/c after mitigation: 0.049

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	101	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	608	4	152	9	617	154	380	995	4	249	9	1004	4	251	0	1004	4	251
	Through-Right		0							0				0				0	
	Right	98	1	98	0	98	98	38	137	1	137	0	137	1	137	0	137	1	137
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	209	0	209	0	209	209	119	331	0	331	0	331	0	331	0	331	0	331
	Left-Through		1							1				1				1	
	Through	631	3	210	2	633	211	219	858	3	286	2	860	3	287	0	860	3	287
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		152	North-South:		154	North-South:			249	North-South:			251	North-South:			251
		East-West:		210	East-West:		211	East-West:			331	East-West:			331	East-West:			331
		SUM:		362	SUM:		365	SUM:			580	SUM:			582	SUM:			582
VOLUME/CAPACITY (v/c) RATIO:				0.241			0.243				0.387				0.388				0.388
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.171			0.173				0.287				0.288				0.288
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 — Δv/c after mitigation: 0.001

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	102	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	557	3	195	0	557	195	340	904	3	316	0	904	3	316	0	904	3	316
	Left-Through		0							0				0				0	
	Through	846	4	212	204	1050	263	318	1174	4	294	204	1378	4	345	0	1378	4	345
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	804	5	137	0	804	156	369	1183	5	197	0	1183	5	214	0	1183	5	214
	Through-Right		1							1				1				1	
	Right	154	1	0	136	290	0	21	177	1	177	136	313	1	0	0	313	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		212	North-South:		263	North-South:			316	North-South:			345	North-South:			345
		East-West:		137	East-West:		156	East-West:			197	East-West:			214	East-West:			214
		SUM:		349	SUM:		419	SUM:			513	SUM:			559	SUM:			559
VOLUME/CAPACITY (v/c) RATIO:				0.233			0.279				0.342				0.373				0.373
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.163			0.209				0.242				0.273				0.273
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.031 — Δv/c after mitigation: 0.031

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	103	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	314	3	105	292	606	202	151	469	3	156	292	761	3	254	0	761	3	254
	Through-Right		0							0				0				0	
	Right	78	1	78	112	190	190	10	89	1	89	112	201	1	201	0	201	1	201
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	188	1	188	57	245	245	80	270	1	270	57	327	1	327	0	327	1	327
	Left-Through		1							1				1				1	
	Through	1084	3	228	165	1249	262	452	1549	3	321	165	1714	3	356	0	1714	3	356
	Through-Right		1							1				1				1	
	Right	54	0	54	9	63	63	3	58	0	58	9	67	0	67	0	67	0	67
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		105	North-South:		202	North-South:			156	North-South:			254	North-South:			254
		East-West:		228	East-West:		262	East-West:			321	East-West:			356	East-West:			356
		SUM:		333	SUM:		464	SUM:			477	SUM:			610	SUM:			610
VOLUME/CAPACITY (v/c) RATIO:				0.222			0.309				0.318				0.407				0.407
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.152			0.239				0.218				0.307				0.307
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.089 — Δv/c after mitigation: 0.089

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	104	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	2	2	2
ATSAC-1 or ATSAC+ATCS-2?	0	0	0	0
Override Capacity	1	1	2	2
	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	436	2	240	0	436	240	29	470	2	259	0	470	2	259	0	470	2	259
	Left-Through		0							0				0				0	
	Through	381	3	127	14	395	132	314	700	3	233	14	714	3	238	0	714	3	238
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	117	2	64	0	117	64	61	179	2	98	0	179	2	98	0	179	2	98
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	772	3	201	232	1004	259	445	1226	3	317	232	1458	3	375	0	1458	3	375
	Through-Right		1							1				1				1	
	Right	31	0	31	1	32	32	11	42	0	42	1	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		304	North-South:		304	North-South:			357	North-South:			357	North-South:			357
		East-West:		201	East-West:		259	East-West:			317	East-West:			375	East-West:			375
		SUM:		505	SUM:		563	SUM:			674	SUM:			732	SUM:			732
VOLUME/CAPACITY (v/c) RATIO:				0.354			0.395				0.473				0.514				0.514
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.284			0.325				0.373				0.414				0.414
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.041 — Δv/c after mitigation: 0.041

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
105	Hill	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	92	1	**92**	0	92	**92**	1	94	1	**94**	0	94	1	**94**	0	94	1	**94**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	345	2	173	0	345	173	134	483	2	242	0	483	2	242	0	483	2	242
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	415	2	**178**	211	626	**280**	262	682	2	**329**	211	893	2	**431**	0	893	2	**431**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	118	0	118	96	214	214	186	305	0	305	96	401	0	401	0	401	0	401
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	50	1	50	7	57	57	19	70	1	70	7	77	1	77	0	77	1	77
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	596	3	**168**	136	732	**202**	270	873	3	**251**	136	1009	3	**285**	0	1009	3	**285**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	76	0	76	0	76	76	55	132	0	132	0	132	0	132	0	132	0	132
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		270	North-South:		372	North-South:			423	North-South:			525	North-South:			525
	East-West:		168	East-West:		202	East-West:			251	East-West:			285	East-West:			285
	SUM:		438	SUM:		574	SUM:			674	SUM:			810	SUM:			810
VOLUME/CAPACITY (V/C) RATIO:			0.292			0.383				0.449				0.540				0.540
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.222			0.313				0.349				0.440				0.440
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.091 | Δv/c after mitigation: 0.091

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
106	Spring	2011	0.2	Eric Ji	1/9/2012
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	464	4	**114**	222	686	172	491	961	3	**320**	222	1183	3	394	0	1183	3	394
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	104	0	104	143	247	**247**	163	268	1	268	143	411	1	**411**	0	411	1	**411**
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	127	0	127	0	127	127	44	173	0	173	0	173	0	173	0	173	0	173
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	550	3	**169**	0	550	**169**	202	759	3	**233**	0	759	3	**233**	0	759	3	**233**
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		114	North-South:		247	North-South:			320	North-South:			411	North-South:			411
	East-West:		169	East-West:		169	East-West:			233	East-West:			233	East-West:			233
	SUM:		283	SUM:		416	SUM:			553	SUM:			644	SUM:			644
VOLUME/CAPACITY (V/C) RATIO:			0.189			0.277				0.369				0.429				0.429
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.123			0.207				0.269				0.329				0.329
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.060 | Δv/c after mitigation: 0.060

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
107	Main	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	206	1	**206**	0	206	**206**	45	253	1	253	0	253	1	253	0	253	1	253
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	568	4	142	9	577	144	454	1029	4	**257**	9	1038	4	**260**	0	1038	4	**260**
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	460	3	**133**	0	460	**133**	200	666	3	**189**	0	666	3	**189**	0	666	3	**189**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	73	0	73	0	73	73	14	88	0	88	0	88	0	88	0	88	0	88
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		206	North-South:		206	North-South:			257	North-South:			260	North-South:			260
	East-West:		133	East-West:		133	East-West:			189	East-West:			189	East-West:			189
	SUM:		339	SUM:		339	SUM:			446	SUM:			449	SUM:			449
VOLUME/CAPACITY (V/C) RATIO:			0.226			0.226				0.297				0.299				0.299
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.156			0.156				0.197				0.199				0.199
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.002 | Δv/c after mitigation: 0.002

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
108	Figueroa	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	2nd	2017			LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	38	2	**21**	3	41	**23**	18	56	2	**31**	3	59	2	**32**	0	59	2	**32**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	174	2	63	0	174	63	216	392	2	139	0	392	2	139	0	392	2	139
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	16	0	16	0	16	16	8	24	0	24	0	24	0	24	0	24	0	24
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	31	2	17	0	31	17	5	36	2	20	0	36	2	20	0	36	2	20
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	250	1	**220**	0	250	**220**	0	253	1	**223**	0	253	1	**223**	0	253	1	**223**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	190	0	190	0	190	190	0	192	0	192	0	192	0	192	0	192	0	192
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	83	1	83	0	83	83	0	84	1	84	0	84	1	84	0	84	1	84
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	527	2	**264**	14	541	**271**	32	565	2	**283**	14	579	2	**290**	0	579	2	**290**
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	111	1	90	0	111	88	8	120	1	89	0	120	1	88	0	120	1	88
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	41	1	**41**	0	41	**41**	0	41	1	**41**	0	41	1	**41**	0	41	1	**41**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	210	2	105	0	210	105	21	234	2	117	0	234	2	117	0	234	2	117
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	29	1	21	0	29	21	0	29	1	19	0	29	1	19	0	29	1	19
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		241	North-South:		243	North-South:			254	North-South:			255	North-South:			255
	East-West:		305	East-West:		312	East-West:			324	East-West:			331	East-West:			331
	SUM:		546	SUM:		555	SUM:			578	SUM:			586	SUM:			586
VOLUME/CAPACITY (V/C) RATIO:			0.383			0.389				0.406				0.411				0.411
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.313			0.319				0.306				0.311				0.311
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.005 | Δv/c after mitigation: 0.005

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
109	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	34	1	34	0	34	34	1	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	198	1	114	0	198	114	60	260	1	157	0	260	1	157	0	260	1	157
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	25	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	215	2	108	0	215	108	63	281	2	141	0	281	2	141	0	281	2	141
	Through-Right		0							0				0				0	
	Right	54	1	36	0	54	36	17	72	1	45	0	72	1	45	0	72	1	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	1	37	0	37	37	17	54	1	54	0	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	258	2	94	29	287	104	268	529	2	184	29	558	2	194	0	558	2	194
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	33	1	33	0	33	33	2	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	229	2	99	0	229	99	232	464	2	178	0	464	2	178	0	464	2	178
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	0	70	0	70	0	70	0	70	0	70	0	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		151	North-South:		151	North-South:			194	North-South:			194	North-South:			194
		East-West:		136	East-West:		137	East-West:			232	East-West:			232	East-West:			232
		SUM:		287	SUM:		288	SUM:			426	SUM:			426	SUM:			426
	VOLUME/CAPACITY (V/C) RATIO:			0.191			0.192				0.284				0.284				0.284
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.124			0.125				0.184				0.184				0.184
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
110	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	24	1	24	0	24	24	0	24	1	24	0	24	1	24	0	24	1	24
	Left-Through		0							0				0				0	
	Through	82	2	41	0	82	41	20	103	2	52	0	103	2	52	0	103	2	52
	Through-Right		1							1				1				1	
	Right	41	1	0	0	41	0	0	41	1	0	0	41	1	0	0	41	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	37	1	37	0	37	37	55	92	1	92	0	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	102	1	60	369	471	245	89	192	1	105	369	561	1	290	0	561	1	290
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	58	1	58	0	58	58	5	64	1	64	0	64	1	64	0	64	1	64
	Left-Through		0							0				0				0	
	Through	330	2	165	29	359	180	304	638	2	319	29	667	2	334	0	667	2	334
	Through-Right		0							0				0				0	
	Right	95	1	71	0	95	71	31	127	1	103	0	127	1	103	0	127	1	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	62	1	62	0	62	62	14	77	1	77	0	77	1	77	0	77	1	77
	Left-Through		0							0				0				0	
	Through	268	2	102	0	268	102	231	502	2	195	0	502	2	195	0	502	2	195
	Through-Right		1							1				1				1	
	Right	39	0	39	0	39	39	45	84	0	84	0	84	0	84	0	84	0	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		84	North-South:		269	North-South:			144	North-South:			314	North-South:			314
		East-West:		227	East-West:		242	East-West:			396	East-West:			411	East-West:			411
		SUM:		311	SUM:		511	SUM:			540	SUM:			725	SUM:			725
	VOLUME/CAPACITY (V/C) RATIO:			0.226			0.372				0.393				0.527				0.527
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.156			0.302				0.293				0.427				0.427
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.134 | Δv/c after mitigation: 0.134
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
111	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	14	1	14	0	14	14	26	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	67	2	34	0	67	34	61	129	2	65	0	129	2	65	0	129	2	65
	Through-Right		0							0				0				0	
	Right	8	1	0	0	8	0	304	312	1	258	0	312	1	254	0	312	1	254
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	34	1	34	0	34	34	122	156	1	156	0	156	1	156	0	156	1	156
	Left-Through		0							0				0				0	
	Through	267	1	166	367	634	349	111	381	1	230	367	748	1	414	0	748	1	414
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	14	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	54	1	54	0	54	54	0	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	294	2	126	0	294	135	321	619	2	247	0	619	2	257	0	619	2	257
	Through-Right		1							1				1				1	
	Right	83	0	83	29	112	112	38	122	0	122	29	151	0	151	0	151	0	151
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	84	2	46	8	92	51	13	98	2	54	8	106	2	58	0	106	2	58
	Left-Through		0							0				0				0	
	Through	287	2	128	0	287	128	251	541	2	247	0	541	2	247	0	541	2	247
	Through-Right		1							1				1				1	
	Right	97	0	97	0	97	97	102	200	0	200	0	200	0	200	0	200	0	200
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		180	North-South:		363	North-South:			414	North-South:			454	North-South:			454
		East-West:		182	East-West:		186	East-West:			302	East-West:			315	East-West:			315
		SUM:		362	SUM:		549	SUM:			716	SUM:			769	SUM:			769
	VOLUME/CAPACITY (V/C) RATIO:			0.254			0.385				0.502				0.540				0.540
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.184			0.315				0.402				0.440				0.440
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.038 | Δv/c after mitigation: 0.038
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
112	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	148	2	81	0	148	81	190	340	2	187	0	340	2	187	0	340	2	187
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	196	2	63	2	198	64	86	284	2	87	2	286	2	88	0	286	2	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	315	2	114	0	315	114	366	685	2	332	0	685	2	332	0	685	2	332
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	283	310	0	310	0	310	0	310	0	310	0	310
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	45	1	45	0	45	45	23	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	335	3	112	8	343	114	176	515	3	172	8	523	3	174	0	523	3	174
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		81	North-South:		81	North-South:			187	North-South:			187	North-South:			187
		East-West:		159	East-West:		159	East-West:			401	East-West:			401	East-West:			401
		SUM:		240	SUM:		240	SUM:			588	SUM:			588	SUM:			588
	VOLUME/CAPACITY (V/C) RATIO:			0.168			0.168				0.413				0.413				0.413
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.109			0.109				0.313				0.313				0.313
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	113	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	18	1	**18**	0	18	**18**	0	18	1	**18**	0	18	1	**18**	0	18	1	**18**
	Left-Through		0							0				0				0	
	Through	246	1	143	0	246	143	127	376	1	213	0	376	1	213	0	376	1	213
	Through-Right		1							1				1				1	
	Right	39	0	39	0	39	39	11	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	488	2	**178**	316	804	**286**	216	710	2	**253**	316	1026	2	**361**	0	1026	2	**361**
	Through-Right		1							1				1				1	
	Right	47	0	47	8	55	55	0	48	0	48	8	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	64	1	**64**	0	64	**64**	27	92	1	92	0	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	337	2	119	2	339	120	366	707	2	**262**	2	709	2	**263**	0	709	2	**263**
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	59	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	18	1	18	0	18	18	151	169	1	**169**	0	169	1	**169**	0	169	1	**169**
	Left-Through		0							0				0				0	
	Through	276	2	**102**	0	276	**102**	199	478	2	170	0	478	2	170	0	478	2	170
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	0	31	0	31	0	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		196	*North-South:*		304	*North-South:*			271	*North-South:*			379	*North-South:*			379
		East-West:		166	*East-West:*		166	*East-West:*			431	*East-West:*			432	*East-West:*			432
		SUM:		362	*SUM:*		470	*SUM:*			702	*SUM:*			811	*SUM:*			811
VOLUME/CAPACITY (*V/C*) RATIO:				0.254			0.330				0.493				0.569				0.569
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.184			0.260				0.393				0.469				0.469
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.076 | *Δv/c* after mitigation: 0.076

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	114	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	0	29	0	29	29	2	31	0	31	0	31	0	31	0	31	0	31
	Left-Through		1							1				1				1	
	Through	269	3	**75**	380	649	**170**	645	917	2	**316**	381	1298	2	**443**	0	1298	2	**443**
	Through-Right		0							0				0				0	
	Right	55	1	31	0	55	31	102	158	1	134	0	158	1	134	0	158	1	134
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	24	1	24	0	24	24	0	24	1	24	0	24	1	24	0	24	1	24
	Left-Through		0							0				0				0	
	Through	357	2	**128**	2	359	**128**	306	667	2	**242**	2	669	2	**242**	0	669	2	**242**
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	32	58	0	58	0	58	0	58	0	58	0	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	25	1	**25**	0	25	**25**	17	42	1	**42**	0	42	1	**42**	0	42	1	**42**
	Left-Through		0							0				0				0	
	Through	255	2	85	0	255	85	232	490	2	163	0	490	2	163	0	490	2	163
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		75	*North-South:*		170	*North-South:*			316	*North-South:*			443	*North-South:*			443
		East-West:		153	*East-West:*		153	*East-West:*			284	*East-West:*			284	*East-West:*			284
		SUM:		228	*SUM:*		323	*SUM:*			600	*SUM:*			727	*SUM:*			727
VOLUME/CAPACITY (*V/C*) RATIO:				0.160			0.227				0.421				0.510				0.510
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.104			0.157				0.321				0.410				0.410
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.089 | *Δv/c* after mitigation: 0.089

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	115	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	56	0	56	0	56	56	30	87	0	87	0	87	0	87	0	87	0	87
	Left-Through		1							1				1				1	
	Through	387	2	**122**	9	396	**125**	481	873	2	**257**	9	882	2	**259**	0	882	2	**259**
	Through-Right		1							1				1				1	
	Right	46	0	122	0	46	125	19	66	0	257	0	66	0	259	0	66	0	259
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	64	1	**64**	2	66	**66**	143	208	1	**208**	2	210	1	**210**	0	210	1	**210**
	Left-Through		0							0				0				0	
	Through	363	3	121	0	363	121	165	532	3	177	0	532	3	177	0	532	3	177
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	262	2	**94**	0	262	**94**	220	485	2	**169**	0	485	2	**169**	0	485	2	**169**
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	2	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		122	*North-South:*		125	*North-South:*			257	*North-South:*			259	*North-South:*			259
		East-West:		158	*East-West:*		160	*East-West:*			377	*East-West:*			379	*East-West:*			379
		SUM:		280	*SUM:*		285	*SUM:*			634	*SUM:*			638	*SUM:*			638
VOLUME/CAPACITY (*V/C*) RATIO:				0.196			0.200				0.445				0.448				0.448
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.128			0.130				0.345				0.348				0.348
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.003 | *Δv/c* after mitigation: 0.003

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	116	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Temple/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	32	1	**32**	0	32	**32**	0	32	1	32	0	32	1	**32**	0	32	1	**32**
	Left-Through		0							0				0				0	
	Through	109	1	**90**	0	109	90	70	180	1	**126**	0	180	1	126	0	180	1	126
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	0	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	37	1	**37**	26	63	63	44	81	1	**81**	26	107	1	107	0	107	1	107
	Left-Through		0							0				0				0	
	Through	29	1	22	369	398	**206**	75	104	1	59	369	473	1	**244**	0	473	1	**244**
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	140	1	**140**	0	140	**140**	36	178	1	**178**	0	178	1	**178**	0	178	1	**178**
	Left-Through		0							0				0				0	
	Through	325	1	195	0	325	195	98	427	1	279	0	427	1	279	0	427	1	279
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	65	130	0	130	0	130	0	130	0	130	0	130
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	66	1	66	0	66	66	4	71	1	71	0	71	1	71	0	71	1	71
	Left-Through		0							0				0				0	
	Through	327	2	**164**	0	327	**164**	34	365	2	**183**	0	365	2	**183**	0	365	2	**183**
	Through-Right		0							0				0				0	
	Right	110	1	92	0	110	79	30	141	1	101	0	141	1	88	0	141	1	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		127	*North-South:*		238	*North-South:*			207	*North-South:*			276	*North-South:*			276
		East-West:		304	*East-West:*		304	*East-West:*			361	*East-West:*			361	*East-West:*			361
		SUM:		431	*SUM:*		542	*SUM:*			568	*SUM:*			637	*SUM:*			637
VOLUME/CAPACITY (*V/C*) RATIO:				0.302			0.380				0.399				0.447				0.447
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.232			0.310				0.299				0.347				0.347
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.048 | *Δv/c* after mitigation: 0.048

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
117	Main	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	Aliso	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	341	3	114	6	347	116	414	759	3	253	6	765	3	255	0	765	3	255
	Through-Right		0							0				0				0	
	Right	137	1	137	5	142	142	211	350	1	350	5	355	1	355	0	355	1	355
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	68	0	68	0	68	68	47	116	0	116	0	116	0	116	0	116	0	116
	Left-Through		1							1				1				1	
	Through	400	2	156	0	400	156	499	904	2	340	0	904	2	340	0	904	2	340
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		137	North-South:		142	North-South:			350	North-South:			355	North-South:			355
		East-West:		156	East-West:		156	East-West:			340	East-West:			340	East-West:			340
		SUM:		293	SUM:		298	SUM:			690	SUM:			695	SUM:			695
VOLUME/CAPACITY (V/C) RATIO:				0.195			0.199				0.460				0.463				0.463
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.127			0.129				0.360				0.363				0.363
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.003 | Δv/c after mitigation: 0.003

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
118	Los Angeles	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	Aliso	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	2	0	2	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	237	2	119	0	237	119	11	251	2	126	0	251	2	126	0	251	2	126
	Through-Right		0							0				0				0	
	Right	16	1	16	0	16	16	64	80	1	80	0	80	1	80	0	80	1	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	165	0	165	0	165	165	0	167	0	167	0	167	0	167	0	167	0	167
	Left-Through		1							1				1				1	
	Through	328	2	164	0	328	164	38	370	2	185	0	370	2	185	0	370	2	185
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	17	0	17	0	17	17	112	129	0	129	0	129	0	129	0	129	0	129
	Left-Through		1							1				1				1	
	Through	482	2	136	5	487	137	530	1018	2	315	5	1023	2	316	0	1023	2	316
	Through-Right		1							1				1				1	
	Right	43	0	136	0	43	137	68	112	0	315	0	112	0	316	0	112	0	316
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		284	North-South:		284	North-South:			293	North-South:			293	North-South:			293
		East-West:		136	East-West:		137	East-West:			315	East-West:			316	East-West:			316
		SUM:		420	SUM:		421	SUM:			608	SUM:			609	SUM:			609
VOLUME/CAPACITY (V/C) RATIO:				0.280			0.281				0.405				0.406				0.406
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.210			0.211				0.305				0.306				0.306
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
119	Grand	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	I-110 On-Ramp/US-101 Ramps	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	3	3	3
ATSAC-1 or ATSAC+ATCS-2?	1	0	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	184	1	184	0	184	184	176	362	1	362	0	362	1	362	0	362	1	362
	Left-Through		0							0				0				0	
	Through	144	2	72	0	144	72	80	226	2	113	0	226	2	113	0	226	2	113
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	364	2	182	48	412	206	131	499	2	250	48	547	2	274	0	547	2	274
	Through-Right		0							0				0				0	
	Right	316	1	295	0	316	316	124	444	1	444	0	444	1	444	0	444	1	444
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	21	0	21	0	21	21	24	45	0	45	0	45	0	45	0	45	0	45
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	4	1	0	311	315	0	150	154	1	0	311	465	1	0	0	465	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		479	North-South:		500	North-South:			806	North-South:			806	North-South:			806
		East-West:		21	East-West:		21	East-West:			45	East-West:			45	East-West:			45
		SUM:		500	SUM:		521	SUM:			851	SUM:			851	SUM:			851
VOLUME/CAPACITY (V/C) RATIO:				0.351			0.366				0.597				0.597				0.597
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.281			0.296				0.497				0.497				0.497
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
120	Beaudry	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	Sunset	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	1	0	1
ATSAC-1 or ATSAC+ATCS-2?	1	0	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	74	0	74	0	74	74	0	75	0	75	0	75	0	75	0	75	0	75
	Left-Through		0							0				0				0	
	Through	832	0	930	0	832	930	51	893	0	1014	0	893	0	1014	0	893	0	1014
	Through-Right		0							0				0				0	
	Right	24	0	0	0	24	0	22	46	0	0	0	46	0	0	0	46	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	27	0	27	0	27	27	72	99	0	99	0	99	0	99	0	99	0	99
	Left-Through		1							1				1				1	
	Through	591	1	350	0	591	350	72	670	1	533	0	670	1	533	0	670	1	533
	Through-Right		0							0				0				0	
	Right	62	1	0	0	62	0	11	74	1	0	0	74	1	0	0	74	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	169	1	169	0	169	169	0	171	1	171	0	171	1	171	0	171	1	171
	Left-Through		0							0				0				0	
	Through	63	2	32	48	111	56	113	177	2	87	48	225	2	103	0	225	2	103
	Through-Right		1							1				1				1	
	Right	82	0	82	0	82	82	0	83	0	83	0	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	26	1	26	0	26	26	25	51	1	51	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	64	2	32	0	64	32	91	156	2	75	0	156	2	75	0	156	2	75
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		957	North-South:		957	North-South:			1113	North-South:			1113	North-South:			1113
		East-West:		236	East-West:		236	East-West:			246	East-West:			246	East-West:			246
		SUM:		1193	SUM:		1193	SUM:			1359	SUM:			1359	SUM:			1359
VOLUME/CAPACITY (V/C) RATIO:				0.795			0.795				0.906				0.906				0.906
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.725			0.725				0.806				0.806				0.806
LEVEL OF SERVICE (LOS):				C			C				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
121	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	206	1	**206**	0	206	**206**	7	215	1	215	0	215	1	215	0	215	1	215
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	298	2	149	0	298	149	193	495	2	**248**	0	495	2	**248**	0	495	2	**248**
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	218	1	179	0	218	179	15	236	1	197	0	236	1	197	0	236	1	197
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	68	1	68	0	68	68	0	69	1	**69**	0	69	1	**69**	0	69	1	**69**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	88	2	**44**	0	88	**44**	46	135	2	68	0	135	2	68	0	135	2	68
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	90	1	0	0	90	0	0	91	1	0	0	91	1	0	0	91	1	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	190	1	**190**	0	190	**190**	8	200	1	**200**	0	200	1	**200**	0	200	1	**200**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	600	2	235	48	648	251	190	797	2	303	48	845	2	319	0	845	2	319
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	104	0	104	0	104	104	8	113	0	113	0	113	0	113	0	113	0	113
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	78	1	78	0	78	78	0	79	1	79	0	79	1	79	0	79	1	79
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	943	2	**339**	0	943	**339**	109	1063	2	**400**	0	1063	2	**400**	0	1063	2	**400**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	75	0	75	0	75	75	61	137	0	137	0	137	0	137	0	137	0	137
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		250	North-South:		250	North-South:		317	North-South:			317	North-South:			317	
	East-West:		529	East-West:		529	East-West:		600	East-West:			600	East-West:			600	
	SUM:		779	SUM:		779	SUM:		917	SUM:			917	SUM:			917	
VOLUME/CAPACITY (V/C) RATIO:			0.567			0.567			0.667				0.667				0.667	
V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.497**			**0.497**			**0.567**				**0.567**				**0.567**	
LEVEL OF SERVICE (LOS):			**A**			**A**			**A**				**A**				**A**	

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/17/2012
122	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 3 SB-- 0 / EB-- 0 WB-- 1 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	202	1	**202**	0	202	**202**	26	230	1	**230**	0	230	1	**230**	0	230	1	**230**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	37	1	37	0	37	37	66	103	1	103	0	103	1	103	0	103	1	103
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	45	1	0	0	45	0	13	59	1	0	0	59	1	0	0	59	1	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	16	1	16	0	16	16	0	16	1	16	0	16	1	16	0	16	1	16
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	76	1	**76**	0	76	**76**	100	177	1	**177**	0	177	1	**177**	0	177	1	**177**
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	19	1	7	0	19	7	0	19	1	7	0	19	1	7	0	19	1	7
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	583	2	**292**	0	583	**292**	146	736	2	**368**	0	736	2	**368**	0	736	2	**368**
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	301	1	200	48	349	248	44	349	1	234	48	397	1	282	0	397	1	282
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	233	2	**128**	0	233	**128**	111	347	2	**191**	0	347	2	**191**	0	347	2	**191**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	887	2	305	0	887	305	113	1011	2	346	0	1011	2	346	0	1011	2	346
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	27	0	27	0	27	27	0	27	0	27	0	27	0	27	0	27	0	27
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		278	North-South:		278	North-South:		407	North-South:			407	North-South:			407	
	East-West:		420	East-West:		420	East-West:		559	East-West:			559	East-West:			559	
	SUM:		698	SUM:		698	SUM:		966	SUM:			966	SUM:			966	
VOLUME/CAPACITY (V/C) RATIO:			0.490			0.490			0.678				0.678				0.678	
V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.420**			**0.420**			**0.578**				**0.578**				**0.578**	
LEVEL OF SERVICE (LOS):			**A**			**A**			**A**				**A**				**A**	

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
123	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 1 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	3	1	**3**	0	3	**3**	0	3	1	**3**	0	3	1	**3**	0	3	1	**3**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	2	1	2	0	2	2	0	2	1	2	0	2	1	2	0	2	1	2
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	19	1	0	0	19	0	0	19	1	0	0	19	1	0	0	19	1	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	111	0	**206**	101	212	**307**	353	465	0	**597**	101	566	0	**698**	0	566	0	**698**
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	84	0	0	0	84	0	36	121	0	0	0	121	0	0	0	121	0	0
SOUTHBOUND Left-Through-Right		1							1				1				1	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	3	0	0	0	3	0	0	3	0	0	0	3	0	0	0	3	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	541	2	**271**	0	541	**271**	97	645	2	**323**	0	645	2	**323**	0	645	2	**323**
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	132	1	0	0	132	0	21	155	1	0	0	155	1	0	0	155	1	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	279	2	**153**	0	279	**153**	15	297	2	**163**	0	297	2	**163**	0	297	2	**163**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	932	2	331	0	932	331	113	1056	2	373	0	1056	2	373	0	1056	2	373
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	61	0	61	0	61	61	0	62	0	62	0	62	0	62	0	62	0	62
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		209	North-South:		310	North-South:		600	North-South:			701	North-South:			701	
	East-West:		424	East-West:		424	East-West:		486	East-West:			486	East-West:			486	
	SUM:		633	SUM:		734	SUM:		1086	SUM:			1187	SUM:			1187	
VOLUME/CAPACITY (V/C) RATIO:			0.444			0.515			0.762				0.833				0.833	
V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.374**			**0.445**			**0.662**				**0.733**				**0.733**	
LEVEL OF SERVICE (LOS):			**A**			**A**			**B**				**C**				**C**	

PROJECT IMPACT

Change in v/c due to project: 0.071 | Δv/c after mitigation: 0.071 | Significant impacted?: YES | Fully mitigated?: NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
124	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	196	1	125	0	196	127	21	219	1	219	0	219	1	219	0	219	1	219
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	180	1	125	6	186	127	389	571	1	**257**	6	577	1	**259**	0	577	1	**259**
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	179	0	**179**	0	179	**179**	18	199	0	199	0	199	0	199	0	199	0	199
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	62	1	**62**	0	62	**62**	0	63	1	**63**	0	63	1	**63**	0	63	1	**63**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	488	2	244	0	488	244	97	591	2	296	0	591	2	296	0	591	2	296
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	1034	1	**530**	0	1034	**530**	107	1153	1	**651**	0	1153	1	**651**	0	1153	1	**651**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	25	0	25	0	25	25	124	149	0	149	0	149	0	149	0	149	0	149
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		179	North-South:		179	North-South:		257	North-South:			259	North-South:			259	
	East-West:		592	East-West:		592	East-West:		714	East-West:			714	East-West:			714	
	SUM:		771	SUM:		771	SUM:		971	SUM:			973	SUM:			973	
VOLUME/CAPACITY (V/C) RATIO:			0.514			0.514			0.647				0.649				0.649	
V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.444**			**0.444**			**0.547**				**0.549**				**0.549**	
LEVEL OF SERVICE (LOS):			**A**			**A**			**A**				**A**				**A**	

PROJECT IMPACT

Change in v/c due to project: 0.002 | Δv/c after mitigation: 0.002 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	125	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	3	0
ATSAC-1 or ATSAC+ATCS-2?			1		1
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	229	1	229	0	229	229	0	232	1	232	0	232	1	232	0	232	1	232
	Left-Through		0							0				0				0	
	Through	685	2	261	0	685	261	165	858	2	319	0	858	2	319	0	858	2	319
	Through-Right		1							1				1				1	
	Right	97	0	97	0	97	97	0	98	0	98	0	98	0	98	0	98	0	98
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	78	1	78	0	78	78	13	92	1	92	0	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	713	2	285	0	713	285	244	966	2	370	0	966	2	370	0	966	2	370
	Through-Right		1							1				1				1	
	Right	141	0	141	0	141	141	0	143	0	143	0	143	0	143	0	143	0	143
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	48	1	48	0	48	48	0	49	1	49	0	49	1	49	0	49	1	49
	Left-Through		0							0				0				0	
	Through	381	2	191	0	381	191	115	501	2	251	0	501	2	251	0	501	2	251
	Through-Right		0							0				0				0	
	Right	246	1	17	0	246	17	0	249	1	17	0	249	1	17	0	249	1	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	181	1	181	0	181	181	0	183	1	183	0	183	1	183	0	183	1	183
	Left-Through		0							0				0				0	
	Through	684	2	254	0	684	254	118	810	2	297	0	810	2	297	0	810	2	297
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	0	80	0	80	0	80	0	80	0	80	0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		514	North-South:		514	North-South:			602	North-South:			602	North-South:			602
		East-West:		372	East-West:		372	East-West:			434	East-West:			434	East-West:			434
		SUM:		886	SUM:		886	SUM:			1036	SUM:			1036	SUM:			1036
VOLUME/CAPACITY (V/C) RATIO:				0.644			0.644				0.753				0.753				0.753
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.574			0.574				0.653				0.653				0.653
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	126	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			1		1
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	3	1	3	0	3	3	166	169	1	169	0	169	1	169	0	169	1	169
	Left-Through		0							0				0				0	
	Through	117	1	69	6	123	72	275	393	1	207	6	399	1	210	0	399	1	210
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	0	21	0	21	0	21	0	21	0	21	0	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	203	1	141	0	203	164	0	205	1	161	0	205	1	184	0	205	1	184
	Through-Right		1							1				1				1	
	Right	79	0	79	45	124	124	37	117	0	117	45	162	0	162	0	162	0	162
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	48	1	48	0	48	48	20	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	84	1	51	0	84	51	80	165	1	91	0	165	1	91	0	165	1	91
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	245	1	151	0	245	151	71	319	1	188	0	319	1	188	0	319	1	188
	Through-Right		1							1				1				1	
	Right	56	0	56	0	56	56	0	57	0	57	0	57	0	57	0	57	0	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		144	North-South:		167	North-South:			330	North-South:			353	North-South:			353
		East-West:		199	East-West:		199	East-West:			257	East-West:			257	East-West:			257
		SUM:		343	SUM:		366	SUM:			587	SUM:			610	SUM:			610
VOLUME/CAPACITY (V/C) RATIO:				0.241			0.257				0.412				0.428				0.428
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.171			0.187				0.312				0.328				0.328
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.016 — Δv/c after mitigation: 0.016

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	127	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		3	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			1		1
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	58	1	58	0	58	58	38	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	291	2	146	0	291	146	56	351	2	176	0	351	2	176	0	351	2	176
	Through-Right		0							0				0				0	
	Right	57	1	38	0	57	38	47	105	1	20	0	105	1	20	0	105	1	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	40	1	40	0	40	40	29	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	163	2	75	0	163	82	90	255	2	106	0	255	2	121	0	255	2	121
	Through-Right		1							1				1				1	
	Right	62	0	62	45	107	87	0	63	0	63	0	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	41	1	41	0	41	41	0	41	1	41	0	41	1	41	0	41	1	41
	Left-Through		0							0				0				0	
	Through	32	1	32	0	32	32	60	92	1	92	0	92	1	92	0	92	1	92
	Through-Right		1							1				1				1	
	Right	65	0	36	0	65	36	61	127	0	79	0	127	0	79	0	127	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	19	1	19	0	19	19	66	85	1	85	0	85	1	85	0	85	1	85
	Left-Through		0							0				0				0	
	Through	65	2	33	45	110	55	213	279	2	140	45	324	2	162	0	324	2	162
	Through-Right		0							0				0				0	
	Right	56	1	36	0	56	36	33	90	1	56	0	90	1	56	0	90	1	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		186	North-South:		186	North-South:			245	North-South:			245	North-South:			245
		East-West:		77	East-West:		96	East-West:			181	East-West:			203	East-West:			203
		SUM:		263	SUM:		282	SUM:			426	SUM:			448	SUM:			448
VOLUME/CAPACITY (V/C) RATIO:				0.185			0.198				0.299				0.314				0.314
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.120			0.129				0.199				0.214				0.214
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.015 — Δv/c after mitigation: 0.015

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	128	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			1		1
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	384	1	223	0	384	223	142	531	1	297	0	531	1	297	0	531	1	297
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	138	1	138	0	138	138	144	284	1	284	0	284	1	284	0	284	1	284
	Left-Through		0							0				0				0	
	Through	857	1	451	307	1164	604	176	1043	1	544	307	1350	1	698	0	1350	1	698
	Through-Right		1							1				1				1	
	Right	44	0	44	0	44	44	0	45	0	45	0	45	0	45	0	45	0	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through		1							1				1				1	
	Through	213	1	137	0	213	137	0	216	0	155	0	216	0	155	0	216	0	155
	Through-Right		1							1				1				1	
	Right	27	0	137	0	27	137	0	27	0	155	0	27	0	155	0	27	0	155
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through		1							1				1				1	
	Through	105	0	124	0	105	124	0	106	0	157	0	106	0	157	0	106	0	157
	Through-Right		1							1				1				1	
	Right	93	0	124	0	93	124	120	214	0	72	0	214	0	72	0	214	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		494	North-South:		647	North-South:			588	North-South:			742	North-South:			742
		East-West:		187	East-West:		187	East-West:			206	East-West:			206	East-West:			206
		SUM:		681	SUM:		834	SUM:			794	SUM:			948	SUM:			948
VOLUME/CAPACITY (V/C) RATIO:				0.454			0.556				0.529				0.632				0.632
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.384			0.486				0.429				0.532				0.532
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.103 — Δv/c after mitigation: 0.103

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
129	Hill	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	College	2017			LAEC

		NB--	SB--	EB--	WB--
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1	1	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	40	1	**40**	0	40	**40**	0	40	1	**40**	0	40	1	**40**	0	40	1	**40**
	Left-Through		0							0				0				0	
	Through	417	1	248	0	417	248	262	684	1	382	0	684	1	382	0	684	1	382
	Through-Right		1							1				1				1	
	Right	78	0	78	0	78	78	0	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	213	1	213	0	213	213	110	326	1	326	0	326	1	326	0	326	1	326
	Left-Through		0							0				0				0	
	Through	956	1	**505**	307	1263	**658**	319	1287	1	**671**	307	1594	1	**824**	0	1594	1	**824**
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	0	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	76	0	**76**	0	76	**76**	0	77	0	**77**	0	77	0	**77**	0	77	0	**77**
	Left-Through		1							1				1				1	
	Through	152	0	138	0	152	138	0	154	0	179	0	154	0	179	0	154	0	179
	Through-Right		1							1				1				1	
	Right	48	0	138	0	48	138	0	49	0	179	0	49	0	179	0	49	0	179
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through		1							1				1				1	
	Through	131	0	**133**	0	131	**133**	0	133	0	**176**	0	133	0	**176**	0	133	0	**176**
	Through-Right		1							1				1				1	
	Right	93	0	133	0	93	133	92	186	0	23	0	186	0	23	0	186	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		545	*North-South:*		698	*North-South:*		711	*North-South:*			864	*North-South:*			864	
		East-West:		209	*East-West:*		209	*East-West:*		253	*East-West:*			253	*East-West:*			253	
		SUM:		754	*SUM:*		907	*SUM:*		964	*SUM:*			1117	*SUM:*			1117	
VOLUME/CAPACITY (*V/C*) RATIO:				0.503			0.605			0.643				0.745				0.745	
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.433**			**0.535**			**0.543**				**0.645**				**0.645**
LEVEL OF SERVICE (LOS):				**A**			**A**			**A**				**B**				**B**

PROJECT IMPACT

Change in *v/c* due to project: 0.102 — Δ*v/c* after mitigation: 0.102

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
130	Sunset	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Elysian Park	2017			LAEC

		NB--	SB--	EB--	WB--
No. of Phases		3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		3	0	3	3
ATSAC-1 or ATSAC+ATCS-2?		1	1	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	760	2	380	0	760	380	102	871	2	436	0	871	2	436	0	871	2	436
	Through-Right		1							1				1				1	
	Right	582	1	**529**	0	582	**529**	0	589	1	**535**	0	589	1	**535**	0	589	1	**535**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	482	1	**482**	0	482	**482**	0	488	1	**488**	0	488	1	**488**	0	488	1	**488**
	Left-Through		0							0				0				0	
	Through	673	2	337	48	721	361	113	794	2	397	48	842	2	421	0	842	2	421
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	97	2	**53**	0	97	**53**	0	98	2	**54**	0	98	2	**54**	0	98	2	**54**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	82	2	0	0	82	0	0	83	2	0	0	83	2	0	0	83	2	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		1011	*North-South:*		1011	*North-South:*		1023	*North-South:*			1023	*North-South:*			1023	
		East-West:		53	*East-West:*		53	*East-West:*		54	*East-West:*			54	*East-West:*			54	
		SUM:		1064	*SUM:*		1064	*SUM:*		1077	*SUM:*			1077	*SUM:*			1077	
VOLUME/CAPACITY (*V/C*) RATIO:				0.747			0.747			0.756				0.756				0.756	
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.677**			**0.677**			**0.656**				**0.656**				**0.656**
LEVEL OF SERVICE (LOS):				**B**			**B**			**B**				**B**				**B**

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — Δ*v/c* after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
131	Glendale	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Bellevue	2017			LAEC

		NB--	SB--	EB--	WB--
No. of Phases		3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1	1	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	640	2	320	3	643	322	121	769	2	385	3	772	2	386	0	772	2	386
	Through-Right		0							0				0				0	
	Right	205	1	115	0	205	115	123	330	1	233	0	330	1	233	0	330	1	233
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	69	1	69	0	69	69	0	70	1	70	0	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	940	2	**470**	157	1097	**549**	120	1071	2	**536**	157	1228	2	**614**	0	1228	2	**614**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	328	2	**180**	0	328	**180**	22	354	2	**195**	0	354	2	**195**	0	354	2	**195**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	125	1	91	0	125	91	0	127	1	92	0	127	1	92	0	127	1	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		470	*North-South:*		549	*North-South:*		536	*North-South:*			614	*North-South:*			614	
		East-West:		180	*East-West:*		180	*East-West:*		195	*East-West:*			195	*East-West:*			195	
		SUM:		650	*SUM:*		729	*SUM:*		731	*SUM:*			809	*SUM:*			809	
VOLUME/CAPACITY (*V/C*) RATIO:				0.456			0.512			0.513				0.568				0.568	
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.386**			**0.442**			**0.413**				**0.468**				**0.468**
LEVEL OF SERVICE (LOS):				**A**			**A**			**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: 0.055 — Δ*v/c* after mitigation: 0.055

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
132	Glendale	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Temple	2017			LAEC

		NB--	SB--	EB--	WB--
No. of Phases		3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1	1	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	58	1	**58**	0	58	**58**	5	64	1	**64**	0	64	1	**64**	0	64	1	**64**
	Left-Through		0							0				0				0	
	Through	455	1	235	3	458	237	202	662	1	339	4	666	1	341	0	666	1	341
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	112	1	112	0	112	112	2	115	1	115	0	115	1	115	0	115	1	115
	Left-Through		0							0				0				0	
	Through	564	1	**369**	165	729	**451**	176	747	1	**474**	165	912	1	**556**	0	912	1	**556**
	Through-Right		1							1				1				1	
	Right	173	0	173	0	173	173	25	200	0	200	0	200	0	200	0	200	0	200
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	260	1	**260**	0	260	**260**	2	265	1	**265**	0	265	1	**265**	0	265	1	**265**
	Left-Through		0							0				0				0	
	Through	320	1	204	0	320	317	42	366	1	236	0	366	1	349	0	366	1	349
	Through-Right		1							1				1				1	
	Right	87	0	87	226	313	313	18	106	0	106	226	332	0	332	0	332	0	332
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	332	1	**222**	0	332	**222**	37	373	1	**263**	0	373	1	**263**	0	373	1	**263**
	Through-Right		1							1				1				1	
	Right	112	0	112	0	112	112	40	153	0	153	0	153	0	153	0	153	0	153
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		427	*North-South:*		509	*North-South:*		538	*North-South:*			620	*North-South:*			620	
		East-West:		482	*East-West:*		482	*East-West:*		528	*East-West:*			528	*East-West:*			528	
		SUM:		909	*SUM:*		991	*SUM:*		1066	*SUM:*			1148	*SUM:*			1148	
VOLUME/CAPACITY (*V/C*) RATIO:				0.638			0.695			0.748				0.806				0.806	
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.568**			**0.625**			**0.648**				**0.706**				**0.706**
LEVEL OF SERVICE (LOS):				**A**			**B**			**B**				**C**				**C**

PROJECT IMPACT

Change in *v/c* due to project: 0.058 — Δ*v/c* after mitigation: 0.058

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
133	East-West Street:	US 101 NB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	276	1	276	0	276	276	9	288	1	288	0	288	1	288	0	288	1	288
	Left-Through		0							0				0				0	
	Through	822	3	274	0	822	274	184	1016	3	339	0	1016	3	339	0	1016	3	339
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	925	2	407	3	928	408	80	1016	2	475	3	1019	2	476	0	1019	2	476
	Through-Right		1							1				1				1	
	Right	296	0	296	0	296	296	109	409	0	409	0	409	0	409	0	409	0	409
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	211	1	**154**	0	211	**154**	40	254	1	**185**	0	254	1	**185**	0	254	1	**185**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	96	0	154	0	96	154	18	115	0	185	0	115	0	185	0	115	0	185
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
	CRITICAL VOLUMES		North-South:	683		North-South:	684		North-South:	763			North-South:	764			North-South:	764	
			East-West:	154		East-West:	154		East-West:	185			East-West:	185			East-West:	185	
			SUM:	837		SUM:	838		SUM:	948			SUM:	949			SUM:	949	
	VOLUME/CAPACITY (v/c) RATIO:			0.587			0.588			0.665				0.666				0.666	
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.517			0.518			0.565				0.566				0.566	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
134	East-West Street:	US 101 SB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	881	2	**376**	0	881	**376**	98	990	2	**417**	0	990	2	**417**	0	990	2	**417**
	Through-Right		1							1				1				1	
	Right	246	0	246	0	246	246	11	260	0	260	0	260	0	260	0	260	0	260
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	214	0	**214**	0	214	**214**	24	241	0	**241**	0	241	0	**241**	0	241	0	**241**
	Left-Through		1							1				1				1	
	Through	864	2	432	3	867	434	129	1003	2	502	3	1006	2	503	0	1006	2	503
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	208	1	**208**	0	208	208	123	334	1	**334**	0	334	1	**334**	0	334	1	**334**
	Left-Through		0							0				0				0	
	Through	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Through-Right		0							0				0				0	
	Right	201	1	201	55	256	**256**	12	215	1	215	55	270	1	270	0	270	1	270
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	590		North-South:	590		North-South:	658			North-South:	658			North-South:	658	
			East-West:	208		East-West:	256		East-West:	334			East-West:	334			East-West:	334	
			SUM:	798		SUM:	846		SUM:	992			SUM:	992			SUM:	992	
	VOLUME/CAPACITY (v/c) RATIO:			0.532			0.564			0.661				0.661				0.661	
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.462			0.494			0.561				0.561				0.561	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
135	East-West Street:	Beverly	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	27	0	**27**	0	27	**27**	0	27	0	**27**	0	27	0	**27**	0	27	0	**27**
	Left-Through		1							1				1				1	
	Through	902	1	373	0	902	373	98	1011	1	411	0	1011	1	411	0	1011	1	411
	Through-Right		1							1				1				1	
	Right	56	0	373	0	56	373	3	60	0	411	0	60	0	411	0	60	0	411
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	27	0	27	0	27	27	0	27	0	27	0	27	0	27	0	27	0	27
	Left-Through		1							1				1				1	
	Through	905	1	**507**	58	963	**536**	124	1040	1	**601**	58	1098	1	**630**	0	1098	1	**630**
	Through-Right		0							0				0				0	
	Right	99	1	58	0	99	58	0	100	1	58	0	100	1	58	0	100	1	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	83	1	**83**	0	83	**83**	0	84	1	84	0	84	1	84	0	84	1	84
	Left-Through		0							0				0				0	
	Through	365	2	141	0	365	141	276	645	2	**234**	0	645	2	**234**	0	645	2	**234**
	Through-Right		1							1				1				1	
	Right	57	0	57	0	57	57	0	58	0	58	0	58	0	58	0	58	0	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	67	1	67	0	67	67	1	69	1	**69**	0	69	1	**69**	0	69	1	**69**
	Left-Through		0							0				0				0	
	Through	319	2	**127**	0	319	**127**	245	568	2	210	0	568	2	210	0	568	2	210
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	534		North-South:	563		North-South:	628			North-South:	657			North-South:	657	
			East-West:	210		East-West:	210		East-West:	303			East-West:	303			East-West:	303	
			SUM:	744		SUM:	773		SUM:	931			SUM:	960			SUM:	960	
	VOLUME/CAPACITY (v/c) RATIO:			0.496			0.515			0.621				0.640				0.640	
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.426			0.445			0.521				0.540				0.540	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.019 | Δv/c after mitigation: 0.019

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
136	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	82	1	82	0	82	**82**	8	91	1	**91**	0	91	1	**91**	0	91	1	**91**
	Left-Through		0							0				0				0	
	Through	977	2	**356**	0	977	356	272	1261	2	455	0	1261	2	455	0	1261	2	455
	Through-Right		1							1				1				1	
	Right	92	0	92	0	92	92	10	103	0	103	0	103	0	103	0	103	0	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	92	1	**92**	0	92	92	0	93	1	93	0	93	1	93	0	93	1	93
	Left-Through		0							0				0				0	
	Through	973	2	365	43	1016	**380**	292	1277	2	**470**	43	1320	2	**484**	0	1320	2	**484**
	Through-Right		1							1				1				1	
	Right	123	0	123	0	123	123	8	132	0	132	0	132	0	132	0	132	0	132
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	156	1	**156**	0	156	**156**	7	165	1	**165**	0	165	1	**165**	0	165	1	**165**
	Left-Through		0							0				0				0	
	Through	637	1	340	0	637	340	220	865	1	459	0	865	1	459	0	865	1	459
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	8	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	86	1	86	0	86	86	8	95	1	95	0	95	1	95	0	95	1	95
	Left-Through		0							0				0				0	
	Through	601	2	**301**	0	601	**301**	220	828	2	**414**	0	828	2	**414**	0	828	2	**414**
	Through-Right		1							1				1				1	
	Right	131	1	85	0	131	85	0	133	1	87	0	133	1	87	0	133	1	87
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	448		North-South:	462		North-South:	561			North-South:	575			North-South:	575	
			East-West:	457		East-West:	457		East-West:	579			East-West:	579			East-West:	579	
			SUM:	905		SUM:	919		SUM:	1140			SUM:	1154			SUM:	1154	
	VOLUME/CAPACITY (v/c) RATIO:			0.603			0.613			0.760				0.769				0.769	
	v/c LESS ATSAC/ATCS ADJUSTMENT:			0.533			0.543			0.660				0.669				0.669	
	LEVEL OF SERVICE (LOS):			A			A			B				B				B	

PROJECT IMPACT

Change in v/c due to project: 0.009 | Δv/c after mitigation: 0.009

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
137	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	48	0	48	0	48	**48**	0	49	0	49	0	49	0	**49**	0	49	0	**49**
	Left-Through		1							1				1				1	
	Through	837	1	**378**	0	837	378	100	947	1	**453**	0	947	1	453	0	947	1	453
	Through-Right		1							1				1				1	
	Right	105	0	378	0	105	378	12	118	0	453	0	118	0	453	0	118	0	453
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	37	0	**37**	22	59	59	0	37	0	**37**	22	59	0	59	0	59	0	59
	Left-Through		1							1				1				1	
	Through	784	1	348	36	820	**389**	84	877	1	414	36	913	1	**470**	0	913	1	**470**
	Through-Right		1							1				1				1	
	Right	112	0	348	0	112	389	29	142	0	414	0	142	0	470	0	142	0	470
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	82	1	82	0	82	82	3	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	496	1	**270**	0	496	**270**	207	709	1	**377**	0	709	1	**377**	0	709	1	**377**
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	74	1	**74**	0	74	**74**	18	93	1	**93**	0	93	1	**93**	0	93	1	**93**
	Left-Through		0							0				0				0	
	Through	432	1	233	0	432	233	207	644	1	340	0	644	1	340	0	644	1	340
	Through-Right		1							1				1				1	
	Right	34	0	34	0	34	34	1	35	0	35	0	35	0	35	0	35	0	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		415	North-South:		437	North-South:			490	North-South:			519	North-South:			519
		East-West:		344	East-West:		344	East-West:			470	East-West:			470	East-West:			470
		SUM:		759	SUM:		781	SUM:			960	SUM:			989	SUM:			989
	VOLUME/CAPACITY (V/C) RATIO:			0.506			0.521				0.674				0.694				0.694
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.436			0.451				0.574				0.594				0.594
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.020 | Δv/c after mitigation: 0.020

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
138	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	89	0	**89**	0	89	**89**	11	101	0	**101**	0	101	0	101	0	101	0	101
	Left-Through		1							1				1				1	
	Through	764	1	414	0	764	414	113	886	1	480	0	886	1	**548**	0	886	1	**548**
	Through-Right		1							1				1				1	
	Right	121	0	414	2	123	414	27	149	0	480	2	151	0	548	0	151	0	548
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	104	1	104	4	108	108	0	105	1	105	4	109	1	**109**	0	109	1	**109**
	Left-Through		0							0				0				0	
	Through	811	1	**445**	39	850	**464**	90	911	1	**495**	39	950	1	515	0	950	1	515
	Through-Right		1							1				1				1	
	Right	78	0	78	0	78	78	0	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	91	1	91	0	91	91	0	92	1	92	0	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	614	2	**227**	39	653	**240**	81	702	2	**262**	39	741	2	**275**	0	741	2	**275**
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	14	83	0	83	0	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	162	1	**162**	0	162	**162**	21	185	1	**185**	0	185	1	**185**	0	185	1	**185**
	Left-Through		0							0				0				0	
	Through	716	2	277	3	719	278	75	800	2	306	3	803	2	307	0	803	2	307
	Through-Right		1							1				1				1	
	Right	116	0	116	0	116	116	0	117	0	117	0	117	0	117	0	117	0	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		534	North-South:		553	North-South:			596	North-South:			657	North-South:			657
		East-West:		389	East-West:		402	East-West:			447	East-West:			460	East-West:			460
		SUM:		923	SUM:		955	SUM:			1043	SUM:			1117	SUM:			1117
	VOLUME/CAPACITY (V/C) RATIO:			0.671			0.695				0.759				0.812				0.812
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.601			0.625				0.659				0.712				0.712
	LEVEL OF SERVICE (LOS):			B			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.053 | Δv/c after mitigation: 0.053

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
139	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	73	0	**73**	0	73	**73**	3	77	0	**77**	0	77	0	**77**	0	77	0	**77**
	Left-Through		1							1				1				1	
	Through	506	0	326	0	506	326	34	546	0	350	0	546	0	350	0	546	0	350
	Through-Right		1							1				1				1	
	Right	138	1	23	0	138	23	9	149	1	22	0	149	1	22	0	149	1	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	68	0	68	1	69	69	8	77	0	77	1	78	0	78	0	78	0	78
	Left-Through		1							1				1				1	
	Through	449	1	**361**	10	459	**368**	34	488	1	**398**	10	498	1	**405**	0	498	1	**405**
	Through-Right		0							0				0				0	
	Right	60	1	40	0	60	40	0	61	1	41	0	61	1	41	0	61	1	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	41	1	41	0	41	41	0	41	1	41	0	41	1	41	0	41	1	41
	Left-Through		0							0				0				0	
	Through	939	2	**340**	45	984	**355**	82	1032	2	**516**	45	1077	2	**539**	0	1077	2	**539**
	Through-Right		1							2				0				0	
	Right	81	0	81	0	81	81	4	86	1	86	0	86	1	86	0	86	1	86
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	115	1	**115**	0	115	**115**	11	127	1	**127**	0	127	1	**127**	0	127	1	**127**
	Left-Through		0							0				0				0	
	Through	1080	2	378	2	1082	379	76	1169	2	585	2	1171	2	586	0	1171	2	586
	Through-Right		1							0				0				0	
	Right	55	0	55	0	55	55	11	67	1	67	0	67	1	67	0	67	1	67
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		434	North-South:		441	North-South:			475	North-South:			482	North-South:			482
		East-West:		455	East-West:		470	East-West:			643	East-West:			666	East-West:			666
		SUM:		889	SUM:		911	SUM:			1118	SUM:			1148	SUM:			1148
	VOLUME/CAPACITY (V/C) RATIO:			0.624			0.639				0.785				0.806				0.806
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.554			0.569				0.685				0.706				0.706
	LEVEL OF SERVICE (LOS):			A			A				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.021 | Δv/c after mitigation: 0.021

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
140	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	96	1	**96**	0	96	**96**	67	164	1	**164**	0	164	1	**164**	0	164	1	**164**
	Left-Through		0							0				0				0	
	Through	922	2	323	0	922	323	224	1157	2	401	0	1157	2	402	0	1157	2	402
	Through-Right		1							1				1				1	
	Right	46	0	46	2	48	48	0	47	0	47	2	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	95	1	95	4	99	99	4	100	1	100	4	104	1	104	0	104	1	104
	Left-Through		0							0				0				0	
	Through	926	2	**463**	39	965	**483**	261	1198	2	**599**	39	1237	2	**619**	0	1237	2	**619**
	Through-Right		0							0				0				0	
	Right	90	1	0	0	90	0	43	134	1	0	0	134	1	0	0	134	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	114	1	**114**	0	114	**114**	61	176	1	**176**	0	176	1	**176**	0	176	1	**176**
	Left-Through		0							0				0				0	
	Through	525	2	189	47	572	204	86	617	2	246	47	664	2	262	0	664	2	262
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	80	121	0	121	0	121	0	121	0	121	0	121
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	87	1	87	0	87	87	18	106	1	106	0	106	1	106	0	106	1	106
	Left-Through		0							0				0				0	
	Through	674	2	**252**	2	676	**253**	77	759	2	**282**	2	761	2	**283**	0	761	2	**283**
	Through-Right		1							1				1				1	
	Right	83	0	83	0	83	83	4	88	0	88	0	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		559	North-South:		579	North-South:			763	North-South:			783	North-South:			783
		East-West:		366	East-West:		367	East-West:			458	East-West:			459	East-West:			459
		SUM:		925	SUM:		946	SUM:			1221	SUM:			1242	SUM:			1242
	VOLUME/CAPACITY (V/C) RATIO:			0.673			0.688				0.888				0.903				0.903
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.603			0.618				0.788				0.803				0.803
	LEVEL OF SERVICE (LOS):			B			B				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.015 | Δv/c after mitigation: 0.015

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	141	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		0	0	1	1
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
	Left-Through		1							1				1				1	
	Through	806	1	317	0	806	317	109	925	1	377	0	925	1	377	0	925	1	377
	Through-Right		1							1				1				1	
	Right	86	0	317	0	86	317	59	146	0	377	0	146	0	377	0	146	0	377
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	25	0	25	0	25	25	0	25	0	25	0	25	0	25	0	25	0	25
	Left-Through		1							1				1				1	
	Through	726	1	310	36	762	322	102	837	1	364	36	873	1	376	0	873	1	376
	Through-Right		1							1				1				1	
	Right	104	0	310	0	104	322	0	105	0	364	0	105	0	376	0	105	0	376
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	85	1	85	0	85	85	0	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	481	1	260	42	523	287	56	543	1	291	42	585	1	318	0	585	1	318
	Through-Right		1							1				1				1	
	Right	39	0	39	12	51	51	0	39	0	39	12	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	67	1	67	0	67	67	44	112	1	112	0	112	1	112	0	112	1	112
	Left-Through		0							0				0				0	
	Through	512	1	293	2	514	294	72	590	1	334	2	592	1	335	0	592	1	335
	Through-Right		1							1				1				1	
	Right	74	0	74	0	74	74	3	78	0	78	0	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		342	North-South:		342	North-South:			402	North-South:			402	North-South:			402
		East-West:		378	East-West:		379	East-West:			420	East-West:			430	East-West:			430
		SUM:		720	SUM:		721	SUM:			822	SUM:			832	SUM:			832
VOLUME/CAPACITY (V/C) RATIO:				0.480			0.481				0.548				0.555				0.555
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.410			0.411				0.448				0.455				0.455
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.007 | Δv/c after mitigation: 0.007

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	142	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	67	1	67	0	67	67	7	75	1	75	0	75	1	75	0	75	1	75
	Left-Through		0							0				0				0	
	Through	1088	1	576	2	1090	577	233	1334	1	699	2	1336	1	700	0	1336	1	700
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	0	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	48	1	48	0	48	48	11	60	1	60	0	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	983	1	553	39	1022	573	245	1240	1	690	39	1279	1	710	0	1279	1	710
	Through-Right		1							1				1				1	
	Right	123	0	123	0	123	123	16	140	0	140	0	140	0	140	0	140	0	140
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	46	0	46	0	46	46	19	66	0	66	0	66	0	66	0	66	0	66
	Left-Through		1							1				1				1	
	Through	384	0	280	0	384	280	158	547	0	452	0	547	0	452	0	547	0	452
	Through-Right		1							1				1				1	
	Right	83	0	280	0	83	280	9	93	0	452	0	93	0	452	0	93	0	452
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through		1							1				1				1	
	Through	401	0	258	0	401	258	137	543	0	357	0	543	0	357	0	543	0	357
	Through-Right		1							1				1				1	
	Right	68	0	258	0	68	258	10	79	0	357	0	79	0	357	0	79	0	357
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		624	North-South:		640	North-South:			765	North-South:			785	North-South:			785
		East-West:		304	East-West:		304	East-West:			475	East-West:			475	East-West:			475
		SUM:		928	SUM:		944	SUM:			1240	SUM:			1260	SUM:			1260
VOLUME/CAPACITY (V/C) RATIO:				0.619			0.629				0.827				0.840				0.840
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.519			0.529				0.727				0.740				0.740
LEVEL OF SERVICE (LOS):				A			A				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.013 | Δv/c after mitigation: 0.013

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	143	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases		2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2	2	2	2
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
	Left-Through		1							1				1				1	
	Through	747	1	352	0	747	352	160	916	1	410	0	916	1	410	0	916	1	410
	Through-Right		1							1				1				1	
	Right	106	0	352	0	106	352	0	107	0	410	0	107	0	410	0	107	0	410
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	0	36	33	69	69	0	36	0	36	33	69	0	69	0	69	0	69
	Left-Through		1							1				1				1	
	Through	667	1	292	15	682	341	145	820	1	369	15	835	1	440	0	835	1	440
	Through-Right		1							1				1				1	
	Right	66	0	292	0	66	341	5	72	0	369	0	72	0	440	0	72	0	440
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	48	1	48	0	48	48	7	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	269	1	269	0	269	269	202	474	1	474	0	474	1	474	0	474	1	474
	Through-Right		0							1				1				1	
	Right	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	45	1	45	0	45	45	0	46	1	46	0	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	458	1	272	0	458	272	169	633	1	361	0	633	1	361	0	633	1	361
	Through-Right		1							1				1				1	
	Right	85	0	85	0	85	85	3	89	0	89	0	89	0	89	0	89	0	89
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		388	North-South:		421	North-South:			446	North-South:			492	North-South:			492
		East-West:		320	East-West:		320	East-West:			520	East-West:			520	East-West:			520
		SUM:		708	SUM:		741	SUM:			966	SUM:			1012	SUM:			1012
VOLUME/CAPACITY (V/C) RATIO:				0.472			0.494				0.644				0.675				0.675
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.372			0.394				0.544				0.575				0.575
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.031 | Δv/c after mitigation: 0.031

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	144	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases		4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		3	3	3	3
ATSAC-1 or ATSAC+ATCS-2?		0	0	0	0
Override Capacity		0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	101	1	101	0	101	101	0	102	1	102	0	102	1	102	0	102	1	102
	Left-Through		0							0				0				0	
	Through	746	2	373	2	748	374	140	895	2	448	2	897	2	449	0	897	2	449
	Through-Right		0							0				0				0	
	Right	71	1	0	9	80	0	14	86	1	0	9	95	1	0	0	95	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	160	1	160	18	178	178	14	176	1	176	18	194	1	194	0	194	1	194
	Left-Through		0							0				0				0	
	Through	604	2	302	21	625	313	111	722	2	361	21	743	2	372	0	743	2	372
	Through-Right		0							0				0				0	
	Right	89	1	0	0	89	0	0	90	1	0	0	90	1	0	0	90	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	92	1	92	0	92	92	0	93	1	93	0	93	1	93	0	93	1	93
	Left-Through		0							0				0				0	
	Through	554	2	197	180	734	257	211	772	2	270	180	952	2	330	0	952	2	330
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	83	1	83	0	83	83	11	95	1	95	0	95	1	95	0	95	1	95
	Left-Through		0							0				0				0	
	Through	498	2	206	13	511	210	169	673	2	268	13	686	2	273	0	686	2	273
	Through-Right		1							1				1				1	
	Right	120	0	120	0	120	120	11	132	0	132	0	132	0	132	0	132	0	132
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		533	North-South:		552	North-South:			624	North-South:			643	North-South:			643
		East-West:		298	East-West:		340	East-West:			365	East-West:			425	East-West:			425
		SUM:		831	SUM:		892	SUM:			989	SUM:			1068	SUM:			1068
VOLUME/CAPACITY (V/C) RATIO:				0.604			0.649				0.719				0.777				0.777
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.504			0.549				0.619				0.677				0.677
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.058 | Δv/c after mitigation: 0.058

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
145	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	87	1	87	0	87	87	63	151	1	151	0	151	1	151	0	151	1	151
	Left-Through		0							0				0				0	
	Through	553	1	340	0	553	341	33	593	1	370	0	593	1	371	0	593	1	371
	Through-Right		1							1				1				1	
	Right	126	0	126	2	128	128	18	146	0	146	2	148	0	148	0	148	0	148
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	76	1	76	5	81	81	16	93	1	93	5	98	1	98	0	98	1	98
	Left-Through		0							0				0				0	
	Through	557	2	279	5	562	281	27	591	2	296	5	596	2	298	0	596	2	298
	Through-Right		0							0				0				0	
	Right	92	1	60	0	92	60	29	122	1	77	0	122	1	77	0	122	1	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	65	1	65	0	65	65	24	90	1	90	0	90	1	90	0	90	1	90
	Left-Through		0							0				0				0	
	Through	1140	2	415	207	1347	484	229	1383	2	513	207	1590	2	582	0	1590	2	582
	Through-Right		1							1				1				1	
	Right	104	0	104	0	104	104	51	156	0	156	0	156	0	156	0	156	0	156
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	78	1	78	0	78	78	18	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	1223	2	430	13	1236	434	203	1441	2	506	13	1454	2	511	0	1454	2	511
	Through-Right		1							1				1				1	
	Right	66	0	66	0	66	66	11	78	0	78	0	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		416	North-South:		422	North-South:			463	North-South:			469	North-South:			469
		East-West:		495	East-West:		562	East-West:			610	East-West:			679	East-West:			679
		SUM:		911	SUM:		984	SUM:			1073	SUM:			1148	SUM:			1148
VOLUME/CAPACITY (V/C) RATIO:				0.607			0.656				0.715				0.765				0.765
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.507			0.556				0.615				0.665				0.665
LEVEL OF SERVICE (LOS):				A			A				B				B				B

No. of Phases			2			2			2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2		
Override Capacity			0			0			0				0				0		

PROJECT IMPACT

Change in v/c due to project: 0.050 | Δv/c after mitigation: 0.050

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
146	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	109	1	109	0	109	109	44	154	1	154	0	154	1	154	0	154	1	154
	Left-Through		0							0				0				0	
	Through	1063	2	532	2	1065	533	207	1283	2	642	2	1285	2	643	0	1285	2	643
	Through-Right		1							1				1				1	
	Right	77	1	0	31	108	27	1	79	1	0	31	110	1	27	0	110	1	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	140	1	140	18	158	158	16	158	1	158	18	176	1	176	0	176	1	176
	Left-Through		0							0				0				0	
	Through	921	1	535	21	942	545	213	1145	1	660	21	1166	1	670	0	1166	1	670
	Through-Right		1							1				1				1	
	Right	148	0	148	0	148	148	24	174	0	174	0	174	0	174	0	174	0	174
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	171	1	171	0	171	171	19	192	1	192	0	192	1	192	0	192	1	192
	Left-Through		0							0				0				0	
	Through	1148	2	574	214	1362	681	229	1391	2	696	214	1605	2	803	0	1605	2	803
	Through-Right		0							0				0				0	
	Right	69	1	15	0	69	15	43	113	1	36	0	113	1	36	0	113	1	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	81	1	81	0	81	81	1	83	1	83	0	83	1	83	0	83	1	83
	Left-Through		0							0				0				0	
	Through	1002	2	375	13	1015	379	203	1217	2	451	13	1230	2	455	0	1230	2	455
	Through-Right		1							1				1				1	
	Right	122	0	122	0	122	122	13	136	0	136	0	136	0	136	0	136	0	136
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		672	North-South:		691	North-South:			814	North-South:			824	North-South:			824
		East-West:		655	East-West:		762	East-West:			779	East-West:			886	East-West:			886
		SUM:		1327	SUM:		1453	SUM:			1593	SUM:			1710	SUM:			1710
VOLUME/CAPACITY (V/C) RATIO:				0.965			1.057				1.159				1.244				1.244
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.865			0.957				1.059				1.144				1.144
LEVEL OF SERVICE (LOS):				D			E				F				F				F

No. of Phases			4			4			4				4				4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--	0	NB-- 3	SB--	0	NB-- 3	SB--	0	NB-- 3	SB--	0	NB-- 3	SB--	0	NB-- 3	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2		
Override Capacity			0			0			0				0				0		

PROJECT IMPACT

Change in v/c due to project: 0.085 | Δv/c after mitigation: 0.085

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Alvardo	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
147	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	123	1	123	0	123	123	0	124	1	124	0	124	1	124	0	124	1	124
	Left-Through		0							0				0				0	
	Through	622	1	371	0	622	490	152	782	1	466	0	782	1	587	0	782	1	587
	Through-Right		1							1				1				1	
	Right	119	0	119	239	358	358	30	150	0	150	241	391	0	391	0	391	0	391
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	135	1	135	5	140	140	5	142	1	142	5	147	1	147	0	147	1	147
	Left-Through		0							0				0				0	
	Through	518	2	259	10	528	264	134	658	2	329	10	668	2	334	0	668	2	334
	Through-Right		0							0				0				0	
	Right	170	1	7	0	170	7	3	175	1	8	0	175	1	8	0	175	1	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	163	1	163	0	163	163	2	167	1	167	0	167	1	167	0	167	1	167
	Left-Through		0							0				0				0	
	Through	951	2	334	228	1179	425	239	1201	2	417	229	1430	2	509	0	1430	2	509
	Through-Right		1							1				1				1	
	Right	50	0	50	47	97	97	0	51	0	51	47	98	0	98	0	98	0	98
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	93	1	93	0	93	93	35	129	1	129	0	129	1	129	0	129	1	129
	Left-Through		0							0				0				0	
	Through	828	2	313	10	838	316	210	1048	2	388	10	1058	2	392	0	1058	2	392
	Through-Right		1							1				1				1	
	Right	111	0	111	0	111	111	5	117	0	117	0	117	0	117	0	117	0	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		506	North-South:		630	North-South:			608	North-South:			734	North-South:			734
		East-West:		476	East-West:		518	East-West:			555	East-West:			638	East-West:			638
		SUM:		982	SUM:		1148	SUM:			1163	SUM:			1372	SUM:			1372
VOLUME/CAPACITY (V/C) RATIO:				0.714			0.835				0.846				0.998				0.998
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.614			0.735				0.746				0.898				0.898
LEVEL OF SERVICE (LOS):				B			C				C				D				D

No. of Phases			4			4			4				4				4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	3	NB-- 0	SB--	3	NB-- 0	SB--	3	NB-- 0	SB--	3	NB-- 0	SB--	3	NB-- 0	SB--	3
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2		
Override Capacity			0			0			0				0				0		

PROJECT IMPACT

Change in v/c due to project: 0.152 | Δv/c after mitigation: 0.152

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Union	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
148	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	97	1	97	0	97	97	0	98	1	98	0	98	1	98	0	98	1	98
	Left-Through		0							0				0				0	
	Through	466	0	500	0	466	500	1	473	0	507	0	473	0	507	0	473	0	507
	Through-Right		1							1				1				1	
	Right	34	0	0	0	34	0	0	34	0	0	0	34	0	0	0	34	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	89	1	89	0	89	89	0	90	1	90	0	90	1	90	0	90	1	90
	Left-Through		0							0				0				0	
	Through	421	1	421	0	421	421	1	427	1	427	0	427	1	427	0	427	1	427
	Through-Right		0							0				0				0	
	Right	150	1	89	0	150	89	0	152	1	90	0	152	1	90	0	152	1	90
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	123	1	123	0	123	123	0	124	1	124	0	124	1	124	0	124	1	124
	Left-Through		0							0				0				0	
	Through	929	2	327	473	1402	484	274	1214	2	422	475	1689	2	580	0	1689	2	580
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	47	1	47	79	126	126	0	48	1	48	87	135	1	135	0	135	1	135
	Left-Through		0							0				0				0	
	Through	725	2	263	10	735	267	250	984	2	354	10	994	2	358	0	994	2	358
	Through-Right		1							1				1				1	
	Right	65	0	65	0	65	65	13	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		589	North-South:		589	North-South:			597	North-South:			597	North-South:			597
		East-West:		386	East-West:		610	East-West:			478	East-West:			715	East-West:			715
		SUM:		975	SUM:		1199	SUM:			1075	SUM:			1312	SUM:			1312
VOLUME/CAPACITY (V/C) RATIO:				0.650			0.799				0.717				0.875				0.875
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.550			0.699				0.617				0.775				0.775
LEVEL OF SERVICE (LOS):				A			B				B				C				C

No. of Phases			2			2			2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2		
Override Capacity			0			0			0				0				0		

PROJECT IMPACT

Change in v/c due to project: 0.158 | Δv/c after mitigation: 0.158

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
149	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	77	1	77	0	77	77	0	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	943	1	510	11	954	517	140	1094	1	586	11	1105	1	593	0	1105	1	593
	Through-Right		1							1				1				1	
	Right	77	0	77	2	79	79	0	78	0	78	2	80	0	80	0	80	0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	66	1	66	4	70	70	0	67	1	67	4	71	1	71	0	71	1	71
	Left-Through		0							0				0				0	
	Through	995	1	547	17	1012	555	111	1118	1	614	17	1135	1	623	0	1135	1	623
	Through-Right		1							1				1				1	
	Right	98	0	98	0	98	98	11	110	0	110	0	110	0	110	0	110	0	110
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	113	1	113	0	113	113	14	128	1	128	0	128	1	128	0	128	1	128
	Left-Through		0							0				0				0	
	Through	523	1	315	55	578	343	114	643	1	376	56	699	1	404	0	699	1	404
	Through-Right		1							1				1				1	
	Right	107	0	107	0	107	107	0	108	0	108	0	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	91	1	91	0	91	91	0	92	1	92	0	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	448	1	267	13	461	274	91	544	1	316	14	558	1	323	0	558	1	323
	Through-Right		1							1				1				1	
	Right	86	0	86	0	86	86	0	87	0	87	0	87	0	87	0	87	0	87
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		624	North-South:		632	North-South:			692	North-South:			701	North-South:			701
		East-West:		406	East-West:		434	East-West:			468	East-West:			496	East-West:			496
		SUM:		1030	SUM:		1066	SUM:			1160	SUM:			1197	SUM:			1197
VOLUME/CAPACITY (V/C) RATIO:				0.687			0.711				0.773				0.798				0.798
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.587			0.611				0.673				0.698				0.698
LEVEL OF SERVICE (LOS):				A			B				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.025 Δv/c after mitigation: 0.025

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
150	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through		1							1				1				1	
	Through	697	0	501	3	700	502	99	804	0	555	3	807	0	557	0	807	0	557
	Through-Right		1							1				1				1	
	Right	140	0	501	0	140	502	0	142	0	555	0	142	0	557	0	142	0	557
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	26	0	26	1	27	27	9	35	0	35	1	36	0	36	0	36	0	36
	Left-Through		1							1				1				1	
	Through	703	0	424	4	707	428	84	795	0	489	4	799	0	493	0	799	0	493
	Through-Right		1							1				1				1	
	Right	40	0	424	0	40	428	3	43	0	489	0	43	0	493	0	43	0	493
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	33	1	33	0	33	33	4	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	507	1	298	61	568	328	109	622	1	356	61	683	1	386	0	683	1	386
	Through-Right		1							1				1				1	
	Right	88	0	88	0	88	88	0	89	0	89	0	89	0	89	0	89	0	89
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	111	1	111	0	111	111	0	112	1	112	0	112	1	112	0	112	1	112
	Left-Through		0							0				0				0	
	Through	513	1	284	13	526	290	88	607	1	337	13	620	1	343	0	620	1	343
	Through-Right		1							1				1				1	
	Right	54	0	54	0	54	54	11	66	0	66	0	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		527	North-South:		529	North-South:			590	North-South:			593	North-South:			593
		East-West:		409	East-West:		439	East-West:			468	East-West:			498	East-West:			498
		SUM:		936	SUM:		968	SUM:			1058	SUM:			1091	SUM:			1091
VOLUME/CAPACITY (V/C) RATIO:				0.624			0.645				0.705				0.727				0.727
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.524			0.545				0.605				0.627				0.627
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.022 Δv/c after mitigation: 0.022

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
151	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	77	1	77	0	77	77	0	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	1087	1	601	33	1120	661	249	1349	1	732	33	1382	1	792	0	1382	1	792
	Through-Right		1							1				1				1	
	Right	114	0	114	87	201	201	0	115	0	115	87	202	0	202	0	202	0	202
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	54	1	54	4	58	58	2	57	1	57	4	61	1	61	0	61	1	61
	Left-Through		0							0				0				0	
	Through	966	1	524	17	983	533	255	1233	1	659	17	1250	1	667	0	1250	1	667
	Through-Right		1							1				1				1	
	Right	82	0	82	0	82	82	1	84	0	84	0	84	0	84	0	84	0	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	67	1	67	0	67	67	1	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	379	1	240	62	441	271	117	501	1	302	62	563	1	333	0	563	1	333
	Through-Right		1							1				1				1	
	Right	101	0	101	0	101	101	0	102	0	102	0	102	0	102	0	102	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	533	1	321	13	546	327	98	637	1	374	14	651	1	381	0	651	1	381
	Through-Right		1							1				1				1	
	Right	108	0	108	0	108	108	2	111	0	111	0	111	0	111	0	111	0	111
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		655	North-South:		719	North-South:			789	North-South:			853	North-South:			853
		East-West:		388	East-West:		394	East-West:			443	East-West:			450	East-West:			450
		SUM:		1043	SUM:		1113	SUM:			1232	SUM:			1303	SUM:			1303
VOLUME/CAPACITY (V/C) RATIO:				0.695			0.742				0.821				0.869				0.869
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.595			0.642				0.721				0.769				0.769
LEVEL OF SERVICE (LOS):				A			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.048 Δv/c after mitigation: 0.048

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
152	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through		1							1				1				1	
	Through	514	0	332	87	601	506	174	694	0	434	87	781	0	608	0	781	0	608
	Through-Right		1							1				1				1	
	Right	53	0	332	261	314	506	23	77	0	434	261	338	0	608	0	338	0	608
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	98	1	98	56	154	154	1	100	1	100	56	156	1	156	0	156	1	156
	Left-Through		0							0				0				0	
	Through	499	1	325	0	499	325	162	667	1	413	0	667	1	413	0	667	1	413
	Through-Right		1							1				1				1	
	Right	151	0	151	0	151	151	6	159	0	159	0	159	0	159	0	159	0	159
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	153	1	153	152	305	305	7	162	1	162	154	316	1	316	0	316	1	316
	Left-Through		0							0				0				0	
	Through	520	1	275	2	522	276	111	637	1	333	1	638	1	334	0	638	1	334
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	98	1	98	0	98	98	2	101	1	101	0	101	1	101	0	101	1	101
	Left-Through		0							0				0				0	
	Through	699	1	420	10	709	425	94	801	1	473	11	812	1	478	0	812	1	478
	Through-Right		1							1				1				1	
	Right	141	0	141	0	141	141	1	144	0	144	0	144	0	144	0	144	0	144
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		430	North-South:		660	North-South:			534	North-South:			764	North-South:			764
		East-West:		573	East-West:		730	East-West:			635	East-West:			794	East-West:			794
		SUM:		1003	SUM:		1390	SUM:			1169	SUM:			1558	SUM:			1558
VOLUME/CAPACITY (V/C) RATIO:				0.704			0.975				0.820				1.093				1.093
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.604			0.875				0.720				0.993				0.993
LEVEL OF SERVICE (LOS):				B			D				C				E				E

PROJECT IMPACT

Change in v/c due to project: 0.273 Δv/c after mitigation: 0.273

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	153	North-South Street:	Pico	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Union	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	64	1	64	0	64	64	0	65	1	65	0	65	1	65	0	65	1	65
	Left-Through		0							0				0				0	
	Through	361	0	404	0	361	404	0	365	0	409	0	365	0	409	0	365	0	409
	Through-Right		1							1				1				1	
	Right	43	0	0	0	43	0	0	44	0	0	0	44	0	0	0	44	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	86	1	86	0	86	86	1	88	1	88	0	88	1	88	0	88	1	88
	Left-Through		0							0				0				0	
	Through	332	1	332	0	332	332	0	336	1	336	0	336	1	336	0	336	1	336
	Through-Right		0							0				0				0	
	Right	112	1	69	0	112	69	0	113	1	69	0	113	1	69	0	113	1	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	87	1	87	0	87	87	0	88	1	88	0	88	1	88	0	88	1	88
	Left-Through		0							0				0				0	
	Through	442	1	247	319	761	407	134	581	1	317	318	899	1	476	0	899	1	476
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	53	1	53	0	53	53	9	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	731	1	457	10	741	462	95	835	1	511	10	845	1	516	0	845	1	516
	Through-Right		1							1				1				1	
	Right	183	0	183	0	183	183	1	186	0	186	0	186	0	186	0	186	0	186
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		490	North-South:		490	North-South:			497	North-South:			497	North-South:			497
		East-West:		544	East-West:		549	East-West:			599	East-West:			604	East-West:			604
		SUM:		1034	SUM:		1039	SUM:			1096	SUM:			1101	SUM:			1101
VOLUME/CAPACITY (V/C) RATIO:				0.689			0.693				0.731				0.734				0.734
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.589			0.593				0.631				0.634				0.634
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.003 | Δv/c after mitigation: 0.003 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	154	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Alvarado	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 1 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	662	2	331	11	673	337	113	783	2	392	11	794	2	397	0	794	2	397
	Through-Right		1							1				1				1	
	Right	490	1	0	295	785	0	198	694	1	0	295	989	1	0	0	989	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	674	2	337	4	678	339	25	707	2	354	4	711	2	356	0	711	2	356
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	564	1	287	-3	561	285	164	735	1	372	-3	732	1	371	0	732	1	371
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	9	0	287	0	9	285	0	9	0	372	0	9	0	371	0	9	0	371
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
CRITICAL VOLUMES		North-South:		337	North-South:		339	North-South:			392	North-South:			397	North-South:			397
		East-West:		287	East-West:		285	East-West:			372	East-West:			371	East-West:			371
		SUM:		624	SUM:		624	SUM:			764	SUM:			768	SUM:			768
VOLUME/CAPACITY (V/C) RATIO:				0.416			0.416				0.509				0.512				0.512
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.316			0.316				0.409				0.412				0.412
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.003 | Δv/c after mitigation: 0.003 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	155	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	99	1	99	0	99	99	0	100	1	100	0	100	1	100	0	100	1	100
	Left-Through		0							0				0				0	
	Through	923	1	519	13	936	527	140	1074	1	595	13	1087	1	603	0	1087	1	603
	Through-Right		1							1				1				1	
	Right	114	0	114	4	118	118	0	115	0	115	4	119	0	119	0	119	0	119
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	51	1	51	9	60	60	0	52	1	52	9	61	1	61	0	61	1	61
	Left-Through		0							0				0				0	
	Through	637	2	319	9	646	323	111	756	2	378	9	765	2	383	0	765	2	383
	Through-Right		0							0				0				0	
	Right	57	1	35	0	57	35	0	58	1	36	0	58	1	36	0	58	1	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	44	1	44	0	44	44	0	45	1	45	0	45	1	45	0	45	1	45
	Left-Through		0							0				0				0	
	Through	272	1	167	119	391	226	50	325	1	194	119	444	1	253	0	444	1	253
	Through-Right		1							1				1				1	
	Right	61	0	61	0	61	61	0	62	0	62	0	62	0	62	0	62	0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	104	1	104	0	104	104	0	105	1	105	0	105	1	105	0	105	1	105
	Left-Through		0							0				0				0	
	Through	438	1	264	6	444	267	35	478	1	284	6	484	1	287	0	484	1	287
	Through-Right		1							1				1				1	
	Right	89	0	89	0	89	89	0	90	0	90	0	90	0	90	0	90	0	90
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		570	North-South:		587	North-South:			647	North-South:			664	North-South:			664
		East-West:		308	East-West:		330	East-West:			329	East-West:			358	East-West:			358
		SUM:		878	SUM:		917	SUM:			976	SUM:			1022	SUM:			1022
VOLUME/CAPACITY (V/C) RATIO:				0.585			0.611				0.651				0.681				0.681
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.485			0.511				0.551				0.581				0.581
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.030 | Δv/c after mitigation: 0.030 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	156	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	107	1	107	0	107	107	0	108	1	108	0	108	1	108	0	108	1	108
	Left-Through		0							0				0				0	
	Through	825	1	440	3	828	442	99	934	1	495	3	937	1	497	0	937	1	497
	Through-Right		1							1				1				1	
	Right	54	0	54	1	55	55	0	55	0	55	1	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	37	1	37	2	39	39	0	37	1	37	2	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	825	1	440	2	827	441	84	919	1	488	2	921	1	489	0	921	1	489
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	438	1	222	132	570	288	50	493	1	250	132	625	1	316	0	625	1	316
	Through-Right		1							1				1				1	
	Right	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	42	1	42	0	42	42	0	43	1	43	0	43	1	43	0	43	1	43
	Left-Through		0							0				0				0	
	Through	402	1	231	6	408	234	35	442	1	251	6	448	1	254	0	448	1	254
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		547	North-South:		548	North-South:			596	North-South:			597	North-South:			597
		East-West:		286	East-West:		330	East-West:			307	East-West:			359	East-West:			359
		SUM:		833	SUM:		878	SUM:			903	SUM:			956	SUM:			956
VOLUME/CAPACITY (V/C) RATIO:				0.555			0.585				0.602				0.637				0.637
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.455			0.485				0.502				0.537				0.537
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.035 | Δv/c after mitigation: 0.035 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	157	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2		2
Override Capacity		0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	72	1	72	0	72	72	0	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	1022	1	563	120	1142	625	249	1283	1	694	120	1403	1	756	0	1403	1	756
	Through-Right		1							1				1				1	
	Right	103	0	103	4	107	107	0	104	0	104	4	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	86	1	86	9	95	95	0	87	1	87	9	96	1	96	0	96	1	96
	Left-Through		0							0				0				0	
	Through	963	1	514	9	972	518	255	1230	1	648	9	1239	1	652	0	1239	1	652
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	0	65	0	65	0	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	85	1	85	0	85	85	0	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	389	1	218	135	524	286	50	444	1	246	135	579	1	314	0	579	1	314
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	0	48	0	48	0	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	75	1	75	0	75	75	0	76	1	76	0	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	384	1	227	6	390	230	35	424	1	248	6	430	1	251	0	430	1	251
	Through-Right		1							1				1				1	
	Right	70	0	70	0	70	70	0	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		649	North-South:		720	North-South:			781	North-South:			852	North-South:			852
		East-West:		312	East-West:		361	East-West:			334	East-West:			390	East-West:			390
		SUM:		961	SUM:		1081	SUM:			1115	SUM:			1242	SUM:			1242
VOLUME/CAPACITY (V/C) RATIO:				0.641			0.721				0.743				0.828				0.828
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.541			0.621				0.643				0.728				0.728
LEVEL OF SERVICE (LOS):				A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.085 | Δv/c after mitigation: 0.085

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	158	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2		2
Override Capacity		0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	83	1	83	0	83	83	0	84	1	84	0	84	1	84	0	84	1	84
	Left-Through		0							0				0				0	
	Through	984	2	346	272	1256	473	310	1306	2	455	272	1578	2	583	0	1578	2	583
	Through-Right		1							1				1				1	
	Right	53	0	53	111	164	164	5	59	0	59	111	170	0	170	0	170	0	170
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	53	1	53	2	55	55	0	54	1	54	2	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	1045	2	523	-1	1044	522	188	1246	2	623	-1	1245	2	623	0	1245	2	623
	Through-Right		1							1				1				1	
	Right	125	1	53	0	125	36	0	127	1	54	0	127	1	37	0	127	1	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	145	1	145	34	179	179	0	147	1	147	34	181	1	181	0	181	1	181
	Left-Through		0							0				0				0	
	Through	346	1	238	114	460	295	50	400	1	266	114	514	1	323	0	514	1	323
	Through-Right		1							1				1				1	
	Right	129	0	129	0	129	129	0	131	0	131	0	131	0	131	0	131	0	131
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	108	1	108	35	143	143	16	125	1	125	35	160	1	160	0	160	1	160
	Left-Through		0							0				0				0	
	Through	298	1	193	6	304	196	34	336	1	212	6	342	1	215	0	342	1	215
	Through-Right		1							1				1				1	
	Right	87	0	87	0	87	87	0	88	0	88	0	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		606	North-South:		605	North-South:			707	North-South:			707	North-South:			707
		East-West:		346	East-West:		438	East-West:			391	East-West:			483	East-West:			483
		SUM:		952	SUM:		1043	SUM:			1098	SUM:			1190	SUM:			1190
VOLUME/CAPACITY (V/C) RATIO:				0.668			0.732				0.771				0.835				0.835
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.568			0.632				0.671				0.735				0.735
LEVEL OF SERVICE (LOS):				A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.064 | Δv/c after mitigation: 0.064

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	159	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2		2
Override Capacity		0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	87	1	87	0	87	87	0	88	1	88	0	88	1	88	0	88	1	88
	Left-Through		0							0				0				0	
	Through	1048	1	563	17	1065	573	140	1201	1	640	17	1218	1	650	0	1218	1	650
	Through-Right		1							1				1				1	
	Right	77	0	77	4	81	81	0	78	0	78	4	82	0	82	0	82	0	82
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	73	1	73	9	82	82	0	74	1	74	9	83	1	83	0	83	1	83
	Left-Through		0							0				0				0	
	Through	1075	1	588	0	1075	588	111	1199	1	651	0	1199	1	651	0	1199	1	651
	Through-Right		1							1				1				1	
	Right	101	0	101	0	101	101	0	102	0	102	0	102	0	102	0	102	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	91	1	91	0	91	91	0	92	1	92	0	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	455	2	191	115	570	229	108	568	2	229	116	684	2	268	0	684	2	268
	Through-Right		1							1				1				1	
	Right	118	0	118	0	118	118	0	119	0	119	0	119	0	119	0	119	0	119
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	92	1	92	0	92	92	0	93	1	93	0	93	1	93	0	93	1	93
	Left-Through		0							0				0				0	
	Through	374	2	160	3	377	161	96	475	2	194	3	478	2	195	0	478	2	195
	Through-Right		1							1				1				1	
	Right	107	0	107	0	107	107	0	108	0	108	0	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		675	North-South:		675	North-South:			739	North-South:			739	North-South:			739
		East-West:		283	East-West:		321	East-West:			322	East-West:			361	East-West:			361
		SUM:		958	SUM:		996	SUM:			1061	SUM:			1100	SUM:			1100
VOLUME/CAPACITY (V/C) RATIO:				0.697			0.724				0.772				0.800				0.800
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.597			0.624				0.672				0.700				0.700
LEVEL OF SERVICE (LOS):				A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.028 | Δv/c after mitigation: 0.028

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	160	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2		2
Override Capacity		0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	136	1	136	0	136	136	0	138	1	138	0	138	1	138	0	138	1	138
	Left-Through		0							0				0				0	
	Through	900	1	518	4	904	521	99	1010	1	574	4	1014	1	577	0	1014	1	577
	Through-Right		1							1				1				1	
	Right	136	0	136	1	137	137	0	138	0	138	1	139	0	139	0	139	0	139
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	63	1	63	2	65	65	0	64	1	64	2	66	1	66	0	66	1	66
	Left-Through		0							0				0				0	
	Through	893	1	477	0	893	477	84	988	1	525	0	988	1	525	0	988	1	525
	Through-Right		1							1				1				1	
	Right	61	0	61	0	61	61	0	62	0	62	0	62	0	62	0	62	0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	54	1	54	0	54	54	0	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	419	2	186	128	547	228	108	532	2	224	128	660	2	267	0	660	2	267
	Through-Right		1							1				1				1	
	Right	138	0	138	0	138	138	0	140	0	140	0	140	0	140	0	140	0	140
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	103	1	103	0	103	103	0	104	1	104	0	104	1	104	0	104	1	104
	Left-Through		0							0				0				0	
	Through	329	2	130	3	332	131	96	429	2	163	3	432	2	164	0	432	2	164
	Through-Right		1							1				1				1	
	Right	60	0	60	0	60	60	0	61	0	61	0	61	0	61	0	61	0	61
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		613	North-South:		613	North-South:			663	North-South:			663	North-South:			663
		East-West:		289	East-West:		331	East-West:			328	East-West:			371	East-West:			371
		SUM:		902	SUM:		944	SUM:			991	SUM:			1034	SUM:			1034
VOLUME/CAPACITY (V/C) RATIO:				0.656			0.687				0.721				0.752				0.752
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.556			0.587				0.621				0.652				0.652
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.031 | Δv/c after mitigation: 0.031

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	161	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	3	0	0	2
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?				2
Override Capacity				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	95	1	95	0	95	95	0	96	1	96	0	96	1	96	0	96	1	96
	Left-Through		0							0				0				0	
	Through	1149	2	575	124	1273	637	249	1412	2	706	124	1536	2	768	0	1536	2	768
	Through-Right		0							0				0				0	
	Right	79	1	0	4	83	0	0	80	1	0	4	84	1	0	0	84	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	77	1	77	9	86	86	0	78	1	78	9	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	997	2	499	0	997	499	255	1264	2	632	0	1264	2	632	0	1264	2	632
	Through-Right		0							0				0				0	
	Right	67	1	24	0	67	24	0	68	1	25	0	68	1	25	0	68	1	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	86	1	86	0	86	86	0	87	1	87	0	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	472	2	236	131	603	302	108	586	2	293	131	717	2	359	0	717	2	359
	Through-Right		0							0				0				0	
	Right	69	1	22	0	69	22	0	70	1	22	0	70	1	22	0	70	1	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	158	1	158	0	158	158	0	160	1	160	0	160	1	160	0	160	1	160
	Left-Through		0							0				0				0	
	Through	518	2	183	3	521	184	96	620	2	217	3	623	2	218	0	623	2	218
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	0	30	0	30	0	30	0	30	0	30	0	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		652	North-South:		723	North-South:			784	North-South:			855	North-South:			855
		East-West:		394	East-West:		460	East-West:			453	East-West:			519	East-West:			519
		SUM:		1046	SUM:		1183	SUM:			1237	SUM:			1374	SUM:			1374
VOLUME/CAPACITY (V/C) RATIO:				0.761			0.860				0.900				0.999				0.999
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.661			0.760				0.800				0.899				0.899
LEVEL OF SERVICE (LOS):				B			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.099 | Δv/c after mitigation: 0.099
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	162	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?				2
Override Capacity				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	104	1	104	0	104	104	0	105	1	105	0	105	1	105	0	105	1	105
	Left-Through		0							0				0				0	
	Through	837	2	419	348	1185	593	299	1146	2	573	348	1494	2	747	0	1494	2	747
	Through-Right		0							0				0				0	
	Right	39	1	5	23	62	28	0	39	1	5	23	62	1	28	0	62	1	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	77	1	77	2	79	79	14	92	1	92	2	94	1	94	0	94	1	94
	Left-Through		0							0				0				0	
	Through	982	2	491	33	1015	508	190	1184	2	592	33	1217	2	609	0	1217	2	609
	Through-Right		0							0				0				0	
	Right	161	1	86	0	161	69	0	163	1	87	0	163	1	70	0	163	1	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	150	1	150	34	184	184	0	152	1	152	34	186	1	186	0	186	1	186
	Left-Through		0							0				0				0	
	Through	403	2	167	111	514	204	108	516	2	205	111	627	2	242	0	627	2	242
	Through-Right		1							1				1				1	
	Right	98	0	98	0	98	98	0	99	0	99	0	99	0	99	0	99	0	99
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	68	1	68	0	68	68	0	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	406	2	157	3	409	158	96	507	2	196	3	510	2	197	0	510	2	197
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	16	81	0	81	0	81	0	81	0	81	0	81
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		595	North-South:		672	North-South:			697	North-South:			841	North-South:			841
		East-West:		307	East-West:		342	East-West:			348	East-West:			383	East-West:			383
		SUM:		902	SUM:		1014	SUM:			1045	SUM:			1224	SUM:			1224
VOLUME/CAPACITY (V/C) RATIO:				0.633			0.712				0.733				0.859				0.859
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.533			0.612				0.633				0.759				0.759
LEVEL OF SERVICE (LOS):				A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.126 | Δv/c after mitigation: 0.126
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	163	North-South Street:	I-10 WB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	20th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	2	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?				2
Override Capacity				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	373	1	373	0	373	373	90	467	1	467	0	467	1	467	0	467	1	467
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	40	0	57	0	40	57	0	40	0	57	0	40	0	57	0	40	0	57
	Through-Right		1							1				1				1	
	Right	17	0	0	0	17	0	0	17	0	0	0	17	0	0	0	17	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	552	1	552	33	585	585	102	661	1	661	33	694	1	694	0	694	1	694
	Left-Through		0							0				0				0	
	Through	53	1	53	0	53	53	0	54	1	54	0	54	1	54	0	54	1	54
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		373	North-South:		373	North-South:			467	North-South:			467	North-South:			467
		East-West:		609	East-West:		642	East-West:			718	East-West:			751	East-West:			751
		SUM:		982	SUM:		1015	SUM:			1185	SUM:			1218	SUM:			1218
VOLUME/CAPACITY (V/C) RATIO:				0.655			0.677				0.790				0.812				0.812
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.555			0.577				0.690				0.712				0.712
LEVEL OF SERVICE (LOS):				A			A				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.022 | Δv/c after mitigation: 0.022
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	164	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	I-10 EB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?				2
Override Capacity				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1153	2	577	22	1175	588	159	1326	2	663	22	1348	2	674	0	1348	2	674
	Through-Right		0							0				0				0	
	Right	219	1	219	0	219	219	0	222	1	222	0	222	1	222	0	222	1	222
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	493	2	271	0	493	271	62	561	2	309	0	561	2	309	0	561	2	309
	Left-Through		0							0				0				0	
	Through	921	2	461	0	921	461	89	1021	2	511	0	1021	2	511	0	1021	2	511
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	356	1	356	107	463	463	99	459	1	459	107	566	1	566	0	566	1	566
	Left-Through		0							0				0				0	
	Through	18	1	297	0	18	297	0	18	0	360	0	18	0	360	0	18	0	360
	Through-Right		1							1				1				1	
	Right	279	0	0	0	279	0	60	342	0	0	0	342	0	0	0	342	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		848	North-South:		859	North-South:			972	North-South:			983	North-South:			983
		East-West:		356	East-West:		463	East-West:			459	East-West:			566	East-West:			566
		SUM:		1204	SUM:		1322	SUM:			1431	SUM:			1549	SUM:			1549
VOLUME/CAPACITY (V/C) RATIO:				0.845			0.928				1.004				1.087				1.087
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.745			0.828				0.904				0.987				0.987
LEVEL OF SERVICE (LOS):				C			D				E				E				E

PROJECT IMPACT

Change in v/c due to project: 0.083 | Δv/c after mitigation: 0.083
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	165	North-South Street:	I-10 EB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Hoover	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	965	2	409	18	983	415	149	1126	2	464	18	1144	2	470	0	1144	2	470
	Through-Right		1							1				1				1	
	Right	262	0	262	0	262	262	0	265	0	265	0	265	0	265	0	265	0	265
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	323	1	323	0	323	323	5	332	1	332	0	332	1	332	0	332	1	332
	Left-Through		0							0				0				0	
	Through	830	3	277	0	830	277	113	953	3	318	0	953	3	318	0	953	3	318
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	372	1	306	353	725	482	90	466	1	363	354	820	1	540	0	820	1	540
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	239	0	306	0	239	482	18	260	0	363	0	260	0	540	0	260	0	540
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		732	North-South:		738	North-South:			796	North-South:			802	North-South:			802
		East-West:		306	East-West:		482	East-West:			363	East-West:			540	East-West:			540
		SUM:		1038	SUM:		1220	SUM:			1159	SUM:			1342	SUM:			1342
VOLUME/CAPACITY (V/C) RATIO:				0.728			0.856				0.813				0.942				0.942
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.628			0.756				0.713				0.842				0.842
LEVEL OF SERVICE (LOS):				B			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.129 — Δv/c after mitigation: 0.129

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	166	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
	Left-Through		1							1				1				1	
	Through	280	0	205	861	1141	636	149	432	0	282	863	1295	0	714	0	1295	0	714
	Through-Right		1							1				1				1	
	Right	28	0	205	0	28	636	0	28	0	282	0	28	0	714	0	28	0	714
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	30	0	30	0	30	30	5	35	0	35	0	35	0	35	0	35	0	35
	Left-Through		1							1				1				1	
	Through	313	0	198	0	313	258	171	488	0	295	0	488	0	365	0	488	0	365
	Through-Right		1							1				1				1	
	Right	23	0	198	0	23	258	9	32	0	295	0	32	0	365	0	32	0	365
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	12	0	12	52	64	64	0	12	0	12	52	64	0	64	0	64	0	64
	Left-Through		1							1				1				1	
	Through	285	0	169	9	294	305	3	291	0	172	9	300	0	308	0	300	0	308
	Through-Right		1							1				1				1	
	Right	29	0	169	31	60	305	0	29	0	172	31	60	0	308	0	60	0	308
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through		1							1				1				1	
	Through	299	0	191	219	518	392	21	324	0	207	219	543	0	408	0	543	0	408
	Through-Right		1							1				1				1	
	Right	24	0	191	183	207	392	7	31	0	207	183	214	0	408	0	214	0	408
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		249	North-South:		666	North-South:			347	North-South:			749	North-South:			749
		East-West:		203	East-West:		456	East-West:			219	East-West:			472	East-West:			472
		SUM:		452	SUM:		1122	SUM:			566	SUM:			1221	SUM:			1221
VOLUME/CAPACITY (V/C) RATIO:				0.301			0.748				0.377				0.814				0.814
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.201			0.648				0.277				0.714				0.714
LEVEL OF SERVICE (LOS):				A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.437 — Δv/c after mitigation: 0.437

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	167	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	49	1	49	61	110	110	13	63	1	63	61	124	1	124	0	124	1	124
	Left-Through		0							0				0				0	
	Through	520	1	274	178	698	363	110	636	1	332	178	814	1	421	0	814	1	421
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	0	27	0	27	0	27	0	27	0	27	0	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	13	1	13	0	13	13	0	13	1	13	0	13	1	13	0	13	1	13
	Left-Through		0							0				0				0	
	Through	351	1	189	0	351	189	119	474	1	252	0	474	1	252	0	474	1	252
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	3	30	0	30	0	30	0	30	0	30	0	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through		1							1				1				1	
	Through	251	0	185	6	257	213	6	260	1	192	6	266	1	220	0	266	1	220
	Through-Right		1							1				1				1	
	Right	71	0	185	2	73	213	3	75	0	192	2	77	0	220	0	77	0	220
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	29	0	29	50	79	79	0	29	0	29	50	79	0	79	0	79	0	79
	Left-Through		1							1				1				1	
	Through	293	0	190	341	634	410	12	309	0	198	341	650	0	418	0	650	0	418
	Through-Right		1							1				1				1	
	Right	28	0	190	0	28	410	0	28	0	198	0	28	0	418	0	28	0	418
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		287	North-South:		376	North-South:			345	North-South:			434	North-South:			434
		East-West:		214	East-West:		434	East-West:			222	East-West:			442	East-West:			442
		SUM:		501	SUM:		810	SUM:			567	SUM:			876	SUM:			876
VOLUME/CAPACITY (V/C) RATIO:				0.334			0.540				0.378				0.584				0.584
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.234			0.440				0.278				0.484				0.484
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.206 — Δv/c after mitigation: 0.206

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	168	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	502	1	270	0	502	270	151	659	1	348	0	659	1	348	0	659	1	348
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	40	1	40	0	40	40	0	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	387	1	210	0	387	220	129	521	0	557	0	521	0	579	0	521	0	579
	Through-Right		1							1				1				1	
	Right	32	0	32	21	53	53	4	36	0	0	22	58	0	0	0	58	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	56	0	56	2	58	58	0	57	0	57	2	59	0	59	0	59	0	59
	Left-Through		1							1				1				1	
	Through	172	0	168	3	175	226	6	180	0	173	3	183	0	235	0	183	0	235
	Through-Right		1							1				1				1	
	Right	51	0	168	0	51	0	0	52	0	173	0	52	0	0	0	52	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	46	0	46	1	47	47	0	47	0	47	1	48	0	48	0	48	0	48
	Left-Through		1							1				1				1	
	Through	276	0	180	371	647	366	8	287	0	186	371	658	0	372	0	658	0	372
	Through-Right		1							1				1				1	
	Right	37	0	180	0	37	366	0	37	0	186	0	37	0	372	0	37	0	372
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		310	North-South:		310	North-South:			594	North-South:			616	North-South:			616
		East-West:		236	East-West:		424	East-West:			243	East-West:			431	East-West:			431
		SUM:		546	SUM:		734	SUM:			837	SUM:			1047	SUM:			1047
VOLUME/CAPACITY (V/C) RATIO:				0.364			0.489				0.558				0.698				0.698
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.264			0.389				0.458				0.598				0.598
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.140 — Δv/c after mitigation: 0.140

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	169	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	23	0 1	23	0	23	23	0	23	0 1	23	0	23	0 1	23	0	23	0 1	23
	Left-Through																		
	Through	340	0 1	203	0	340	203	30	374	0 1	220	0	374	0 1	220	0	374	0 1	220
	Through-Right																		
	Right	20	0 0	203	0	20	203	0	20	0 0	220	0	20	0 0	220	0	20	0 0	220
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	25	0 1	25	0	25	25	0	25	0 1	25	0	25	0 1	25	0	25	0 1	25
	Left-Through																		
	Through	445	0 1	264	0	445	264	24	474	0 1	279	0	474	0 1	279	0	474	0 1	279
	Through-Right																		
	Right	33	0 0	264	0	33	264	0	33	0 0	279	0	33	0 0	279	0	33	0 0	279
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	38	0 1	38	0	38	38	0	38	0 1	38	0	38	0 1	38	0	38	0 1	38
	Left-Through																		
	Through	162	0 1	147	0	162	185	0	164	0 1	149	0	164	0 1	187	0	164	0 1	187
	Through-Right																		
	Right	56	0 0	147	0	56	185	0	57	0 0	149	0	57	0 0	187	0	57	0 0	187
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	32	0 1	32	173	205	205	0	32	0 1	32	173	205	0 1	205	0	205	0 1	205
	Left-Through																		
	Through	326	0 1	203	372	698	475	8	338	0 1	209	372	710	0 1	482	0	710	0 1	482
	Through-Right																		
	Right	47	0 0	203	0	47	475	0	48	0 0	209	0	48	0 0	482	0	48	0 0	482
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South: 287 / East-West: 241 / SUM: 528			North-South: 287 / East-West: 513 / SUM: 800			North-South: 302 / East-West: 247 / SUM: 549				North-South: 302 / East-West: 520 / SUM: 822				North-South: 302 / East-West: 520 / SUM: 822			
VOLUME/CAPACITY (V/C) RATIO:				0.352			0.533				0.366				0.548				0.548
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.252			0.433				0.266				0.448				0.448
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.182 | Δv/c after mitigation: 0.182
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet
2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	170	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	113	1 0	113	0	113	113	0	114	1 0	114	0	114	1 0	114	0	114	1 0	114
	Left-Through																		
	Through	412	2 0	206	0	412	206	0	417	2 0	209	0	417	2 0	209	0	417	2 0	209
	Through-Right																		
	Right	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	847	1 1	584	0	847	584	0	857	1 1	591	0	857	1 1	591	0	857	1 1	591
	Through-Right																		
	Right	321	0 0	321	0	321	321	0	325	0 0	325	0	325	0 0	325	0	325	0 0	325
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	77	1 0	77	0	77	77	0	78	1 0	78	0	78	1 0	78	0	78	1 0	78
	Left-Through																		
	Through	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Through-Right		0							0				0				0	
	Right	109	1 0	53	0	109	53	0	110	1 0	53	0	110	1 0	53	0	110	1 0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	309	1 0	309	0	309	309	0	313	1 0	313	0	313	1 0	313	0	313	1 0	313
	Left-Through																		
	Through	281	1 1	281	545	826	632	8	292	1 1	292	545	837	1 1	640	0	837	1 1	640
	Through-Right																		
	Right	433	0 0	433	4	437	437	0	438	0 0	438	4	442	0 0	442	0	442	0 0	442
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South: 697 / East-West: 510 / SUM: 1207			North-South: 697 / East-West: 709 / SUM: 1406			North-South: 705 / East-West: 516 / SUM: 1221				North-South: 705 / East-West: 718 / SUM: 1423				North-South: 705 / East-West: 718 / SUM: 1423			
VOLUME/CAPACITY (V/C) RATIO:				0.805			0.937				0.814				0.949				0.949
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.705			0.837				0.714				0.849				0.849
LEVEL OF SERVICE (LOS):				C			D				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.135 | Δv/c after mitigation: 0.135
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet
2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	171	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	171	1 0	171	8	179	179	0	173	1 0	173	8	181	1 0	181	0	181	1 0	181
	Left-Through																		
	Through	405	2 0	203	78	483	242	46	456	2 0	228	78	534	2 0	267	0	534	2 0	267
	Through-Right																		
	Right	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	631	1 1	457	6	637	467	64	703	1 1	495	6	709	1 1	504	0	709	1 1	504
	Through-Right																		
	Right	283	0 0	283	13	296	296	0	286	0 0	286	13	299	0 0	299	0	299	0 0	299
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Through-Right		0							0				0				0	
	Right	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	278	0 1	278	0	278	278	0	281	0 1	281	0	281	0 1	281	0	281	0 1	281
	Left-Through																		
	Through	253	2 0	127	174	427	214	8	264	2 0	132	174	438	2 0	219	0	438	2 0	219
	Through-Right																		
	Right	304	1 0	304	0	304	304	0	308	1 0	308	0	308	1 0	308	0	308	1 0	308
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South: 628 / East-West: 304 / SUM: 932			North-South: 646 / East-West: 304 / SUM: 950			North-South: 668 / East-West: 308 / SUM: 976				North-South: 685 / East-West: 308 / SUM: 993				North-South: 685 / East-West: 308 / SUM: 993			
VOLUME/CAPACITY (V/C) RATIO:				0.654			0.667				0.685				0.697				0.697
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.554			0.567				0.585				0.597				0.597
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.012 | Δv/c after mitigation: 0.012
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet
2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	172	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	83	1 0	83	33	116	116	0	84	1 0	84	33	117	1 0	117	0	117	1 0	117
	Left-Through																		
	Through	509	1 1	294	74	583	331	138	653	1 1	366	74	727	1 1	403	0	727	1 1	403
	Through-Right																		
	Right	78	0 0	78	0	78	78	0	79	0 0	79	0	79	0 0	79	0	79	0 0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	123	1 0	123	0	123	123	33	157	1 0	157	0	157	1 0	157	0	157	1 0	157
	Left-Through		0							0				0				0	
	Through	361	1 1	231	0	361	234	131	496	1 1	301	0	496	1 1	304	0	496	1 1	304
	Through-Right																		
	Right	101	0 0	101	6	107	107	3	105	0 0	105	6	111	0 0	111	0	111	0 0	111
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	69	1 0	69	0	69	69	5	75	1 0	75	0	75	1 0	75	0	75	1 0	75
	Left-Through		0							0				0				0	
	Through	717	1 1	378	0	717	380	78	804	1 1	422	0	804	1 1	424	0	804	1 1	424
	Through-Right																		
	Right	39	0 0	39	4	43	43	0	39	0 0	39	4	43	0 0	43	0	43	0 0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	64	1 0	64	0	64	64	0	65	1 0	65	0	65	1 0	65	0	65	1 0	65
	Left-Through																		
	Through	577	1 1	318	44	621	346	82	666	1 1	375	44	710	1 1	403	0	710	1 1	403
	Through-Right																		
	Right	59	0 0	59	12	71	71	23	83	0 0	83	12	95	0 0	95	0	95	0 0	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South: 417 / East-West: 442 / SUM: 859			North-South: 454 / East-West: 444 / SUM: 898			North-South: 523 / East-West: 487 / SUM: 1010				North-South: 560 / East-West: 489 / SUM: 1049				North-South: 560 / East-West: 489 / SUM: 1049			
VOLUME/CAPACITY (V/C) RATIO:				0.625			0.653				0.735				0.763				0.763
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.525			0.553				0.635				0.663				0.663
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.028 | Δv/c after mitigation: 0.028
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	173	North-South Street:	Wilson Place (ext. of Arlington)	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	75	1	**75**	0	75	**75**	0	76	1	**76**	0	76	1	**76**	0	76	1	**76**
	↰	Left-Through		0							0				0				0	
	↑	Through	695	1	381	0	695	381	0	703	1	385	0	703	1	385	0	703	1	385
	↑	Through-Right		1							1				1				1	
	↱	Right	66	0	66	0	66	66	0	67	0	67	0	67	0	67	0	67	0	67
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	41	1	41	0	41	41	0	41	1	41	0	41	1	41	0	41	1	41
	↰	Left-Through		0							0				0				0	
	↑	Through	704	1	**410**	0	704	**410**	0	712	1	**414**	0	712	1	**414**	0	712	1	**414**
	↑	Through-Right		1							1				1				1	
	↱	Right	115	0	115	0	115	115	0	116	0	116	0	116	0	116	0	116	0	116
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	133	1	**133**	0	133	133	0	135	1	**135**	0	135	1	135	0	135	1	135
	↰	Left-Through		0							0				0				0	
	→	Through	709	2	258	39	748	**271**	95	813	2	293	39	852	2	**306**	0	852	2	**306**
	→	Through-Right		1							1				1				1	
	↱	Right	65	0	65	0	65	65	0	66	0	66	0	66	0	66	0	66	0	66
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	128	1	128	0	128	**128**	0	130	1	130	0	130	1	**130**	0	130	1	**130**
	↰	Left-Through		0							0				0				0	
	↑	Through	722	2	**258**	3	725	259	86	817	2	**290**	3	820	2	291	0	820	2	291
	↑	Through-Right		1							1				1				1	
	↱	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		485	*North-South:*		485	*North-South:*			490	*North-South:*			490	*North-South:*			490
			East-West:		391	*East-West:*		399	*East-West:*			425	*East-West:*			436	*East-West:*			436
			SUM:		876	*SUM:*		884	*SUM:*			915	*SUM:*			926	*SUM:*			926
	VOLUME/CAPACITY (*V/C*) RATIO:				0.584			0.589				0.610				0.617				0.589
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.514**			**0.519**				**0.510**				**0.517**				**0.517**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.007** | Δ*v/c* after mitigation: **0.007**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	174	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	75	1	75	0	75	75	0	76	1	76	0	76	1	76	0	76	1	76
	↰	Left-Through		0							0				0				0	
	↑	Through	576	2	**288**	0	576	**288**	0	583	2	**292**	0	583	2	**292**	0	583	2	**292**
	↑	Through-Right		1							1				1				1	
	↱	Right	93	1	47	0	93	47	0	94	1	48	0	94	1	48	0	94	1	48
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	99	1	**99**	0	99	**99**	0	100	1	**100**	0	100	1	**100**	0	100	1	**100**
	↰	Left-Through		0							0				0				0	
	↑	Through	597	2	299	0	597	299	0	604	2	302	0	604	2	302	0	604	2	302
	↑	Through-Right		0							0				0				0	
	↱	Right	136	1	82	0	136	82	0	138	1	84	0	138	1	84	0	138	1	84
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	108	1	108	0	108	108	0	109	1	109	0	109	1	109	0	109	1	109
	↰	Left-Through		0							0				0				0	
	→	Through	794	3	**265**	180	974	**325**	211	1015	3	**338**	180	1195	3	**398**	0	1195	3	**398**
	→	Through-Right		0							0				0				0	
	↱	Right	55	1	18	0	55	18	0	56	1	18	0	56	1	18	0	56	1	18
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	92	1	**92**	0	92	**92**	0	93	1	**93**	0	93	1	**93**	0	93	1	**93**
	↰	Left-Through		0							0				0				0	
	↑	Through	726	3	242	13	739	246	169	904	3	301	13	917	3	306	0	917	3	306
	↑	Through-Right		0							0				0				0	
	↱	Right	74	1	25	0	74	25	0	75	1	25	0	75	1	25	0	75	1	25
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		387	*North-South:*		387	*North-South:*			392	*North-South:*			392	*North-South:*			392
			East-West:		357	*East-West:*		417	*East-West:*			431	*East-West:*			491	*East-West:*			491
			SUM:		744	*SUM:*		804	*SUM:*			823	*SUM:*			883	*SUM:*			883
	VOLUME/CAPACITY (*V/C*) RATIO:				0.496			0.536				0.549				0.589				0.589
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.396**			**0.436**				**0.449**				**0.489**				**0.489**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.040** | Δ*v/c* after mitigation: **0.040**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	175	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	78	1	**78**	0	78	**78**	0	79	1	**79**	0	79	1	**79**	0	79	1	**79**
	↰	Left-Through		0							0				0				0	
	↑	Through	598	2	299	0	598	299	0	605	2	303	0	605	2	303	0	605	2	303
	↑	Through-Right		0							0				0				0	
	↱	Right	60	1	36	0	60	36	0	61	1	36	0	61	1	36	0	61	1	36
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	72	1	72	0	72	72	0	73	1	73	0	73	1	73	0	73	1	73
	↰	Left-Through		0							0				0				0	
	↑	Through	630	2	**315**	0	630	**315**	0	638	2	**319**	0	638	2	**319**	0	638	2	**319**
	↑	Through-Right		0							0				0				0	
	↱	Right	99	1	57	0	99	57	0	100	1	57	0	100	1	57	0	100	1	57
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	85	1	**85**	0	85	**85**	0	86	1	**86**	0	86	1	86	0	86	1	86
	↰	Left-Through		0							0				0				0	
	→	Through	449	1	252	55	504	280	127	581	1	319	56	637	1	**347**	0	637	1	**347**
	→	Through-Right		1							1				1				1	
	↱	Right	55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	49	1	49	0	49	49	0	50	1	50	0	50	1	**50**	0	50	1	**50**
	↰	Left-Through		0							0				0				0	
	↑	Through	430	1	**250**	13	443	**257**	102	537	1	**304**	13	550	1	311	0	550	1	311
	↑	Through-Right		1							1				1				1	
	↱	Right	70	0	70	0	70	70	0	71	0	71	0	71	0	71	0	71	0	71
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		393	*North-South:*		393	*North-South:*			398	*North-South:*			398	*North-South:*			398
			East-West:		335	*East-West:*		342	*East-West:*			390	*East-West:*			397	*East-West:*			397
			SUM:		728	*SUM:*		735	*SUM:*			788	*SUM:*			795	*SUM:*			795
	VOLUME/CAPACITY (*V/C*) RATIO:				0.485			0.490				0.525				0.530				0.530
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.385**			**0.390**				**0.425**				**0.430**				**0.430**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.005** | Δ*v/c* after mitigation: **0.005**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	176	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	47	0	**47**	0	47	**47**	0	48	0	**48**	0	48	0	**48**	0	48	0	**48**
	↰	Left-Through		1							1				1				1	
	↑	Through	667	0	457	0	667	457	0	675	0	464	0	675	0	464	0	675	0	464
	↑	Through-Right		1							1				1				1	
	↱	Right	59	0	457	0	59	457	0	60	0	464	0	60	0	464	0	60	0	464
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	↰	Left-Through		1							1				1				1	
	↑	Through	712	0	**474**	0	712	**474**	0	721	0	**481**	0	721	0	**481**	0	721	0	**481**
	↑	Through-Right		1							1				1				1	
	↱	Right	68	0	474	0	68	474	0	69	0	481	0	69	0	481	0	69	0	481
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	48	1	**48**	0	48	48	0	49	1	**49**	0	49	1	49	0	49	1	49
	↰	Left-Through		0							0				0				0	
	→	Through	466	2	233	119	585	**293**	50	522	2	261	119	641	2	**321**	0	641	2	**321**
	→	Through-Right		0							0				0				0	
	↱	Right	110	1	110	0	110	110	0	111	1	111	0	111	1	111	0	111	1	111
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	59	1	59	0	59	**59**	0	60	1	60	0	60	1	**60**	0	60	1	**60**
	↰	Left-Through		0							0				0				0	
	↑	Through	475	1	**259**	6	481	262	35	516	1	**280**	6	522	1	283	0	522	1	283
	↑	Through-Right		1							1				1				1	
	↱	Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	↰↑	Left-Through-Right		0							0				0				0	
	↰↱	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		521	*North-South:*		521	*North-South:*			529	*North-South:*			529	*North-South:*			529
			East-West:		307	*East-West:*		352	*East-West:*			329	*East-West:*			381	*East-West:*			381
			SUM:		828	*SUM:*		873	*SUM:*			858	*SUM:*			910	*SUM:*			910
	VOLUME/CAPACITY (*V/C*) RATIO:				0.552			0.582				0.572				0.607				0.607
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.452**			**0.482**				**0.472**				**0.507**				**0.507**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.035** | Δ*v/c* after mitigation: **0.035**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Pre-Event Hour: (12:00-1:00 PM)

I/S #:	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
177	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND																		
Left	55	0	**55**	0	55	**55**	0	56	0	**56**	0	56	0	**56**	0	56	0	**56**
Left-Through		1							1				1				1	
Through	656	0	519	0	656	519	0	664	0	526	0	664	0	526	0	664	0	526
Through-Right		1							1				1				1	
Right	161	0	519	0	161	519	0	163	0	526	0	163	0	526	0	163	0	526
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND																		
Left	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
Left-Through		1							1				1				1	
Through	830	0	**506**	0	830	**506**	0	840	0	**511**	0	840	0	**511**	0	840	0	**511**
Through-Right		1							1				1				1	
Right	49	0	506	0	49	506	0	50	0	511	0	50	0	511	0	50	0	511
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND																		
Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
Left-Through		0							0				0				0	
Through	413	1	**264**	115	528	**321**	108	526	1	**321**	115	641	1	**378**	0	641	1	**378**
Through-Right		1							1				1				1	
Right	114	0	114	0	114	114	0	115	0	115	0	115	0	115	0	115	0	115
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND																		
Left	100	1	**100**	0	100	**100**	0	101	1	**101**	0	101	1	**101**	0	101	1	**101**
Left-Through		0							0				0				0	
Through	405	2	150	3	408	151	96	506	2	184	3	509	2	185	0	509	2	185
Through-Right		1							1				1				1	
Right	45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	*North-South:*		561	*North-South:*		561		*North-South:*		567		*North-South:*		567		*North-South:*		567
	East-West:		364	*East-West:*		421		*East-West:*		422		*East-West:*		479		*East-West:*		479
	SUM:		925	*SUM:*		982		*SUM:*		989		*SUM:*		1046		*SUM:*		1046
VOLUME/CAPACITY *(V/C)* RATIO:			0.617			0.655				0.659				0.697				0.697
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.517			0.555				0.559				0.597				0.597
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project:	0.038	*Δv/c* after mitigation:	0.038
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	1	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	31	0 1	31	132	163	163	82	113	0 1	113	132	245	0 1	245	0	245	0 1	245
	Through	20	1 0	20	275	295	229	41	61	1 0	61	276	337	1 0	291	0	337	1 0	291
	Through-Right		0							0				0				0	
	Right	77	1 0	0	33	110	0	22	100	1 0	0	33	133	1 0	0	0	133	1 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	19	0 0	19	1	20	20	0	19	0 0	19	1	20	0 0	20	0	20	0 0	20
	Left-Through		0							0				0				0	
	Through	8	0 0	50	0	8	51	0	8	0 0	93	0	8	0 0	94	0	8	0 0	94
	Through-Right		0							0				0				0	
	Right	23	0 0	0	0	23	0	43	66	0 0	0	0	66	0 0	0	0	66	0 0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	218	1 0	218	76	294	294	109	330	1 0	330	76	406	1 0	406	0	406	1 0	406
	Left-Through		0							0				0				0	
	Through	789	3 0	263	251	1040	347	244	1043	3 0	348	341	1384	3 0	461	0	1384	3 0	461
	Through-Right		0							0				0				0	
	Right	37	1 0	22	0	37	37	16	53	1 0	0	0	53	1 0	53	0	53	1 0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	132	1 0	132	110	242	242	20	154	1 0	154	110	264	1 0	264	0	264	1 0	264
	Left-Through		0							0				0				0	
	Through	891	2 1	331	497	1388	496	175	1077	2 1	417	507	1584	2 1	586	448	2032	2 1	735
	Through-Right		1							1				1				1	
	Right	101	0 0	101	0	101	101	72	174	0 0	174	0	174	0 0	174	0	174	0 0	174
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		81	North-South:		249	North-South:			206	North-South:			339	North-South:			339
		East-West:		549	East-West:		790	East-West:			747	East-West:			992	East-West:			1141
		SUM:		630	SUM:		1039	SUM:			953	SUM:			1331	SUM:			1480
VOLUME/CAPACITY (V/C) RATIO:				0.442			0.729				0.669				0.934				1.039
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.342			0.629				0.569				0.834				0.939
LEVEL OF SERVICE (LOS):				A			B				A				D				E

PROJECT IMPACT

Change in v/c due to project: 0.265 Δv/c after mitigation: 0.370

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	2	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			1			1			1			1			1			1			1		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0	NB--	3	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	21	0 1	21	0	21	21	0	21	0 1	21	0	21	0 1	21	0	21	0 1	21
	Through	16	0 0	37	0	16	37	0	16	0 0	37	0	16	0 0	37	0	16	0 0	37
	Through-Right		0							0				0				0	
	Right	30	1 0	0	47	77	0	0	30	1 0	0	47	77	1 0	0	0	77	1 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	1 0	11	42	53	53	57	68	1 0	68	42	110	1 0	110	0	110	1 0	110
	Left-Through		0							0				0				0	
	Through	8	0 0	46	0	8	90	0	8	0 0	46	0	8	0 0	90	0	8	0 0	90
	Through-Right		1							1				1				1	
	Right	38	0 0	0	44	82	0	0	38	0 0	0	44	82	0 0	0	0	82	0 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	47	1 0	47	0	47	47	0	48	1 0	48	0	48	1 0	48	0	48	1 0	48
	Left-Through		0							0				0				0	
	Through	804	2 1	279	210	1014	374	266	1080	2 1	371	300	1380	2 1	496	0	1380	2 1	496
	Through-Right		1							1				1				1	
	Right	34	0 0	34	75	109	109	0	34	0 0	34	75	109	0 0	109	0	109	0 0	109
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	62	1 0	62	252	314	314	0	63	1 0	63	252	315	1 0	315	0	315	1 0	315
	Left-Through		0							0				0				0	
	Through	1066	2 1	370	573	1639	561	266	1345	2 1	487	573	1918	2 1	678	448	2366	2 1	827
	Through-Right		1							1				1				1	
	Right	44	0 0	44	0	44	44	70	115	0 0	115	0	115	0 0	115	0	115	0 0	115
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		83	North-South:		127	North-South:			105	North-South:			147	North-South:			147
		East-West:		417	East-West:		688	East-West:			535	East-West:			811	East-West:			875
		SUM:		500	SUM:		815	SUM:			640	SUM:			958	SUM:			1022
VOLUME/CAPACITY (V/C) RATIO:				0.364			0.593				0.465				0.697				0.743
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.264			0.493				0.365				0.597				0.643
LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.232 Δv/c after mitigation: 0.278

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	3	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	3	WB-- 0	EB--	3	WB-- 0	EB--	3	WB-- 0	EB--	3	WB-- 0	EB--	3	WB-- 0	EB--	3	WB-- 0	EB--	3	WB-- 0	EB--	3	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	305	1 0	305	112	417	417	143	452	1 0	452	101	553	1 0	553	-553	0	1 0	0
	Through	1088	4 0	272	19	1107	277	602	1703	4 0	426	20	1723	4 0	431	-1421	302	4 0	76
	Through-Right		0							0				0				0	
	Right	141	1 0	95	0	141	127	63	206	1 0	142	0	206	1 0	174	-206	0	1 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Through-Right		0							0				0				0	
	Right	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	165	1 0	165	45	210	210	28	195	1 0	195	45	240	1 0	240	0	240	1 0	240
	Left-Through		0							0				0				0	
	Through	516	3 0	172	244	760	253	241	763	3 0	254	334	1097	3 0	366	242	1339	3 0	446
	Through-Right		0							0				0				0	
	Right	173	1 0	0	11	184	0	55	230	1 0	0	11	241	1 0	0	-241	0	1 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	93	1 0	93	-65	28	28	35	129	1 0	129	-65	64	1 0	64	-64	0	1 0	0
	Left-Through		0							0				0				0	
	Through	838	3 0	279	714	1552	517	193	1041	3 0	347	724	1765	3 0	588	1007	2772	3 0	924
	Through-Right		0							0				0				0	
	Right	223	1 0	223	68	291	291	79	305	1 0	305	68	373	1 0	373	0	373	1 0	373
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		305	North-South:		417	North-South:			452	North-South:			553	North-South:			76
		East-West:		444	East-West:		727	East-West:			542	East-West:			828	East-West:			1164
		SUM:		749	SUM:		1144	SUM:			994	SUM:			1381	SUM:			1240
VOLUME/CAPACITY (V/C) RATIO:				0.526			0.803				0.698				0.969				0.870
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.426			0.703				0.598				0.869				0.770
LEVEL OF SERVICE (LOS):				A			C				A				D				C

PROJECT IMPACT

Change in v/c due to project: 0.271 Δv/c after mitigation: 0.172

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	4	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Through-Right		0							0				0				0	
	Right	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	269	269	0 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	68	0 1	68	0	68	68	14	83	0 1	83	0	83	0 1	83	0	83	0 1	83
	Left-Through		1							1				1				1	
	Through	493	3 0	140	-13	480	137	608	1107	3 0	298	-13	1094	3 0	294	-615	479	3 0	141
	Through-Right		0							0				0				0	
	Right	340	1 0	340	278	618	618	38	382	1 0	382	278	660	1 0	660	332	992	1 0	992
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	547	2 0	274	244	791	396	281	835	2 0	418	334	1169	2 0	585	0	1169	2 0	585
	Through-Right		0							0				0				0	
	Right	102	1 0	102	0	102	102	24	127	1 0	127	0	127	1 0	127	7	134	1 0	134
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	55	1 0	55	0	55	55	9	65	1 0	65	0	65	1 0	65	-65	0	1 0	0
	Left-Through		0							0				0				0	
	Through	846	2 0	423	440	1286	643	269	1125	2 0	563	450	1575	2 0	788	611	2186	2 0	1093
	Through-Right		0							0				0				0	
	Right	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		340	North-South:		618	North-South:			382	North-South:			660	North-South:			992
		East-West:		423	East-West:		643	East-West:			563	East-West:			788	East-West:			1093
		SUM:		763	SUM:		1261	SUM:			945	SUM:			1448	SUM:			2085
VOLUME/CAPACITY (V/C) RATIO:				0.509			0.841				0.630				0.965				1.390
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.409			0.741				0.530				0.865				1.290
LEVEL OF SERVICE (LOS):				A			C				A				D				F

PROJECT IMPACT

Change in v/c due to project: 0.335 Δv/c after mitigation: 0.760

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	5	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	1	31	0	31	31	54	85	1	85	0	85	1	85	0	85	1	85
	Left-Through		0							0				0				0	
	Through	341	4	85	56	397	99	330	675	4	169	56	731	4	183	457	1188	4	297
	Through-Right		0							0				0				0	
	Right	138	1	138	29	167	167	51	191	1	191	29	220	1	220	0	220	1	220
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	473	1	270	34	507	309	246	725	1	420	34	759	1	504	-206	553	1	553
	Through-Right		1							1				1				1	
	Right	66	0	66	44	110	110	47	114	0	114	134	248	0	248	504	752	0	752
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	62	1	62	17	79	79	8	71	1	71	17	88	1	88	0	88	1	88
	Left-Through		0							0				0				0	
	Through	697	2	349	329	1026	513	220	925	2	463	339	1264	2	632	611	1875	2	938
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		138	North-South:		167	North-South:			191	North-South:			220	North-South:			297
		East-West:		349	East-West:		513	East-West:			491	East-West:			632	East-West:			938
		SUM:		487	SUM:		680	SUM:			682	SUM:			852	SUM:			1235
VOLUME/CAPACITY (v/c) RATIO:				0.325			0.453				0.455				0.568				0.823
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.225			0.353				0.355				0.468				0.723
LEVEL OF SERVICE (LOS):				A			A				A				A				C

PROJECT IMPACT

Change in v/c due to project: 0.113 — Δv/c after mitigation: 0.368

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	6	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	64	0	64	355	419	419	44	109	0	109	356	465	0	465	611	1076	0	1076
	Left-Through		1							1				1				1	
	Through	380	2	117	127	507	248	315	700	2	212	127	827	2	344	1302	2129	2	873
	Through-Right		1							1				1				1	
	Right	22	0	117	44	66	248	16	38	0	212	44	82	0	344	206	288	0	873
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	72	1	72	0	72	72	72	145	1	145	0	145	1	145	0	145	1	145
	Left-Through		0							0				0				0	
	Through	398	2	199	34	432	216	228	631	2	316	34	665	2	333	-206	459	2	230
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	634	1	338	0	634	338	184	826	1	460	0	826	1	460	0	826	1	460
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	50	93	0	93	0	93	0	93	0	93	0	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		117	North-South:		419	North-South:			212	North-South:			465	North-South:			1076
		East-West:		410	East-West:		410	East-West:			605	East-West:			605	East-West:			605
		SUM:		527	SUM:		829	SUM:			817	SUM:			1070	SUM:			1681
VOLUME/CAPACITY (v/c) RATIO:				0.351			0.553				0.545				0.713				1.121
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.251			0.453				0.445				0.613				1.021
LEVEL OF SERVICE (LOS):				A			A				A				B				F

PROJECT IMPACT

Change in v/c due to project: 0.168 — Δv/c after mitigation: 0.576

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	7	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	22	1	22	0	22	22	37	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	192	1	105	37	229	132	110	304	1	207	37	341	1	234	0	341	1	234
	Through-Right		1							1				1				1	
	Right	17	0	17	17	34	34	92	109	0	109	17	126	0	126	0	126	0	126
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	28	1	28	7	35	35	4	32	1	32	7	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	273	2	137	151	424	212	245	521	2	261	151	672	2	336	0	672	2	336
	Through-Right		0							0				0				0	
	Right	115	1	99	0	115	95	35	151	1	125	0	151	1	121	0	151	1	121
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	32	1	32	8	40	40	20	52	1	52	8	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	386	1	206	41	427	241	164	555	1	320	41	596	1	355	0	596	1	355
	Through-Right		1							1				1				1	
	Right	26	0	26	29	55	55	59	85	0	85	29	114	0	114	0	114	0	114
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	12	1	12	0	12	12	150	162	1	162	0	162	1	162	0	162	1	162
	Left-Through		0							0				0				0	
	Through	576	1	303	0	576	303	163	746	1	395	0	746	1	395	0	746	1	395
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	14	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		159	North-South:		234	North-South:			320	North-South:			395	North-South:			395
		East-West:		335	East-West:		343	East-West:			482	East-West:			517	East-West:			517
		SUM:		494	SUM:		577	SUM:			802	SUM:			912	SUM:			912
VOLUME/CAPACITY (v/c) RATIO:				0.329			0.385				0.535				0.608				0.608
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.229			0.285				0.435				0.508				0.508
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.073 — Δv/c after mitigation: 0.073

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	8	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	45	1	45	0	45	45	58	104	1	104	0	104	1	104	0	104	1	104
	Left-Through		0							0				0				0	
	Through	444	1	242	0	444	242	72	521	1	281	0	521	1	281	0	521	1	281
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	0	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	1	23	0	23	23	12	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	266	1	168	8	274	172	109	378	0	477	8	386	0	485	0	386	0	485
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	29	99	0	0	0	99	0	0	0	99	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	54	1	54	0	54	54	55	110	1	110	0	110	1	110	0	110	1	110
	Left-Through		0							0				0				0	
	Through	360	1	192	53	413	225	171	535	1	296	53	588	1	330	0	588	1	330
	Through-Right		1							1				1				1	
	Right	23	0	23	14	37	37	34	57	0	57	14	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	29	1	29	0	29	29	0	29	1	29	0	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	490	1	276	0	490	276	239	735	1	399	0	735	1	399	0	735	1	399
	Through-Right		1							1				1				1	
	Right	61	0	61	0	61	61	1	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		265	North-South:		265	North-South:			581	North-South:			589	North-South:			589
		East-West:		330	East-West:		330	East-West:			509	East-West:			509	East-West:			509
		SUM:		595	SUM:		595	SUM:			1090	SUM:			1098	SUM:			1098
VOLUME/CAPACITY (v/c) RATIO:				0.397			0.397				0.727				0.732				0.732
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.297			0.297				0.627				0.632				0.632
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.005 — Δv/c after mitigation: 0.005

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	9	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	29	1	29	0	29	29	3	32	1	32	0	32	1	32	0	32	1	32
	Left-Through		0							0				0				0	
	Through	404	2	202	46	450	225	211	620	2	310	46	666	2	333	0	666	2	333
	Through-Right		0							0				0				0	
	Right	33	1	17	0	33	17	2	35	1	18	0	35	1	18	0	35	1	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	38	1	38	0	38	38	10	48	1	48	0	48	1	48	0	48	1	48
	Left-Through		0							0				0				0	
	Through	261	2	131	10	271	136	205	469	1	469	10	479	1	479	0	479	1	479
	Through-Right		0							0				0				0	
	Right	120	1	78	0	120	75	81	202	1	140	0	202	1	137	0	202	1	137
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	84	1	84	6	90	90	39	124	1	124	6	130	1	130	0	130	1	130
	Left-Through		0							0				0				0	
	Through	322	1	173	45	367	196	144	470	1	247	45	515	1	270	0	515	1	270
	Through-Right		1							1				1				1	
	Right	23	0	23	1	24	24	0	23	0	23	1	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	33	1	33	0	33	33	2	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	450	1	240	0	450	240	157	612	1	327	0	612	1	327	0	612	1	327
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	12	42	0	42	0	42	0	42	0	42	0	42
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		240	North-South:		263	North-South:			501	North-South:			511	North-South:			511
		East-West:		324	East-West:		330	East-West:			451	East-West:			457	East-West:			457
		SUM:		564	SUM:		593	SUM:			952	SUM:			968	SUM:			968
	VOLUME/CAPACITY (V/C) RATIO:			0.396			0.416				0.668				0.679				0.679
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.296			0.316				0.568				0.579				0.579
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.011 | Δv/c after mitigation: 0.011

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	10	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	39	1	39	0	39	39	2	41	1	41	0	41	1	41	0	41	1	41
	Left-Through		0							0				0				0	
	Through	182	1	120	0	182	120	30	214	1	136	0	214	1	136	0	214	1	136
	Through-Right		1							1				1				1	
	Right	57	0	57	0	57	57	0	58	0	58	0	58	0	58	0	58	0	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	1	44	0	44	44	0	45	1	45	0	45	1	45	0	45	1	45
	Left-Through		0							0				0				0	
	Through	273	1	184	0	273	184	21	297	1	197	0	297	1	197	0	297	1	197
	Through-Right		1							1				1				1	
	Right	95	0	95	0	95	95	0	96	0	96	0	96	0	96	0	96	0	96
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	275	1	163	45	320	185	150	428	1	241	45	473	1	264	0	473	1	264
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	3	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	360	1	208	0	360	208	156	520	1	289	0	520	1	289	0	520	1	289
	Through-Right		1							1				1				1	
	Right	56	0	56	0	56	56	0	57	0	57	0	57	0	57	0	57	0	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		223	North-South:		223	North-South:			238	North-South:			238	North-South:			238
		East-West:		242	East-West:		242	East-West:			323	East-West:			323	East-West:			323
		SUM:		465	SUM:		465	SUM:			561	SUM:			561	SUM:			561
	VOLUME/CAPACITY (V/C) RATIO:			0.310			0.310				0.374				0.374				0.374
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.210			0.210				0.274				0.274				0.274
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	11	North-South Street:	Santee	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	46	0	46	0	46	46	0	47	0	47	0	47	0	47	0	47	0	47
	Left-Through		0							0				0				0	
	Through	71	0	198	0	71	198	0	72	0	201	0	72	0	201	0	72	0	201
	Through-Right		0							0				0				0	
	Right	81	0	0	0	81	0	0	82	0	0	0	82	0	0	0	82	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	14	0	14	0	14	14	2	16	0	16	0	16	0	16	0	16	0	16
	Left-Through		0							0				0				0	
	Through	64	0	225	0	64	225	0	65	0	230	0	65	0	230	0	65	0	230
	Through-Right		0							0				0				0	
	Right	147	0	0	0	147	0	0	149	0	0	0	149	0	0	0	149	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	29	1	29	0	29	29	0	29	1	29	0	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	276	1	174	45	321	196	150	429	1	251	45	474	1	273	0	474	1	273
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	0	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	12	1	12	0	12	12	0	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	260	1	142	0	260	142	156	419	1	223	0	419	1	223	0	419	1	223
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	2	26	0	26	0	26	0	26	0	26	0	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		271	North-South:		271	North-South:			277	North-South:			277	North-South:			277
		East-West:		186	East-West:		208	East-West:			263	East-West:			285	East-West:			285
		SUM:		457	SUM:		479	SUM:			540	SUM:			562	SUM:			562
	VOLUME/CAPACITY (V/C) RATIO:			0.305			0.319				0.360				0.375				0.375
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.205			0.219				0.260				0.275				0.275
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.015 | Δv/c after mitigation: 0.015

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	12	North-South Street:	Maple	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	50	1	50	0	50	50	4	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	153	0	204	0	153	204	6	161	0	213	0	161	0	213	0	161	0	213
	Through-Right		1							1				1				1	
	Right	51	0	0	0	51	0	0	52	0	0	0	52	0	0	0	52	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	162	0	245	0	162	245	0	164	0	248	0	164	0	248	0	164	0	248
	Through-Right		1							1				1				1	
	Right	83	0	0	0	83	0	0	84	0	0	0	84	0	0	0	84	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	43	1	43	1	44	44	0	44	1	44	1	45	1	45	0	45	1	45
	Left-Through		0							0				0				0	
	Through	189	0	189	44	233	233	150	341	0	341	44	385	1	385	0	385	1	385
	Through-Right		0							0				0				0	
	Right	144	1	119	0	144	119	2	148	1	121	0	148	1	121	0	148	1	121
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	1	14	0	14	14	0	14	1	14	0	14	1	14	0	14	1	14
	Left-Through		0							0				0				0	
	Through	152	0	180	0	152	180	155	309	0	337	0	309	0	337	0	309	0	337
	Through-Right		1							1				1				1	
	Right	28	0	0	0	28	0	0	28	0	0	0	28	0	0	0	28	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		295	North-South:		295	North-South:			303	North-South:			303	North-South:			303
		East-West:		223	East-West:		247	East-West:			381	East-West:			399	East-West:			399
		SUM:		518	SUM:		542	SUM:			684	SUM:			702	SUM:			702
	VOLUME/CAPACITY (V/C) RATIO:			0.345			0.361				0.456				0.468				0.468
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.245			0.261				0.356				0.368				0.368
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.012 | Δv/c after mitigation: 0.012

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	13	North-South Street:	Maple	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	Left-Through		0							0				0				0	
	Through	159	0	**265**	0	159	**266**	6	167	0	**274**	0	167	0	**275**	0	167	0	**275**
	Through-Right		0							0				0				0	
	Right	78	0	0	1	79	0	0	79	0	0	1	80	0	0	0	80	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	0	**17**	0	17	**17**	0	17	0	**17**	0	17	0	**17**	0	17	0	**17**
	Left-Through		0							0				0				0	
	Through	111	0	159	0	111	159	0	112	0	160	0	112	0	160	0	112	0	160
	Through-Right		0							0				0				0	
	Right	31	0	0	0	31	0	0	31	0	0	0	31	0	0	0	31	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through		1							1				1				1	
	Through	334	0	**210**	55	389	**237**	166	504	0	**295**	55	559	0	**323**	0	559	0	**323**
	Through-Right		1							1				1				1	
	Right	63	0	210	0	63	237	0	64	0	295	0	64	0	323	0	64	0	323
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	74	0	**74**	0	74	**74**	0	75	0	**75**	0	75	0	**75**	0	75	0	**75**
	Left-Through		1							1				1				1	
	Through	221	0	214	0	221	214	0	224	0	217	0	224	0	283	0	224	0	283
	Through-Right		1							1				1				1	
	Right	58	0	214	0	58	214	0	59	0	217	0	59	0	0	0	59	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		282	North-South:		283	North-South:		291	North-South:			292	North-South:			292	
		East-West:		284	East-West:		311	East-West:		370	East-West:			398	East-West:			398	
		SUM:		566	SUM:		594	SUM:		661	SUM:			690	SUM:			690	
VOLUME/CAPACITY (V/C) RATIO:				0.377			0.396			0.441				0.460				0.460	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.277			0.296			0.341				0.360				0.360	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.019 — Δv/c after mitigation: 0.019

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	14	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	27	1	27	0	27	27	0	27	1	27	0	27	1	27	0	27	1	27
	Left-Through		0							0				0				0	
	Through	324	1	**205**	0	324	**224**	10	338	1	**212**	0	338	1	**231**	0	338	1	**231**
	Through-Right		1							1				1				1	
	Right	85	0	85	38	123	123	0	86	0	86	38	124	0	124	0	124	0	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	1	**36**	0	36	**36**	0	36	1	**36**	0	36	1	**36**	0	36	1	**36**
	Left-Through		0							0				0				0	
	Through	325	1	179	0	325	179	0	329	1	181	0	329	1	181	0	329	1	181
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	55	0	55	0	55	55	1	57	0	57	0	57	0	57	0	57	0	57
	Left-Through		1							1				1				1	
	Through	339	0	**252**	56	395	**280**	160	503	0	**339**	56	559	0	**367**	0	559	0	**367**
	Through-Right		1							1				1				1	
	Right	55	0	252	0	55	280	4	60	0	339	0	60	0	367	0	60	0	367
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	55	0	**55**	5	60	**60**	0	56	0	**56**	5	61	0	**61**	0	61	0	**61**
	Left-Through		1							1				1				1	
	Through	268	1	220	0	268	225	0	271	0	225	0	271	0	291	0	271	0	291
	Through-Right		1							1				1				1	
	Right	62	0	220	0	62	225	3	66	0	225	0	66	0	291	0	66	0	291
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		241	North-South:		260	North-South:		248	North-South:			267	North-South:			267	
		East-West:		307	East-West:		340	East-West:		395	East-West:			428	East-West:			428	
		SUM:		548	SUM:		600	SUM:		643	SUM:			695	SUM:			695	
VOLUME/CAPACITY (V/C) RATIO:				0.365			0.400			0.429				0.463				0.463	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.265			0.300			0.329				0.363				0.363	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.034 — Δv/c after mitigation: 0.034

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	15	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Chick Hearn Ct	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	150	1	150	679	829	**829**	0	152	1	152	680	832	1	**832**	0	832	1	**832**
	Left-Through		0							0				0				0	
	Through	435	2	**201**	511	946	315	17	457	2	**217**	488	945	2	315	0	945	2	315
	Through-Right		1							1				1				1	
	Right	169	0	169	-169	0	0	24	195	0	195	-195	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	79	0	**79**	0	79	**79**	0	80	0	**80**	0	80	0	**80**	0	80	0	**80**
	Left-Through		1							1				1				1	
	Through	78	0	114	-78	0	0	65	144	1	173	-144	0	0	0	0	0	1	0
	Through-Right		1							1				1				1	
	Right	36	0	0	-36	0	0	5	41	0	173	-41	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	206	2	103	206	412	**206**	112	320	2	**160**	79	399	2	**200**	0	399	2	**200**
	Through-Right		0							0				0				0	
	Right	108	1	**108**	0	108	108	14	123	1	123	0	123	1	123	0	123	1	123
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		201	North-South:		829	North-South:		217	North-South:			832	North-South:			832	
		East-West:		187	East-West:		285	East-West:		240	East-West:			280	East-West:			280	
		SUM:		388	SUM:		1114	SUM:		457	SUM:			1112	SUM:			1112	
VOLUME/CAPACITY (V/C) RATIO:				0.259			0.743			0.305				0.741				0.741	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.159			0.643			0.205				0.641				0.641	
LEVEL OF SERVICE (LOS):				A			B			A				B				B	

PROJECT IMPACT

Change in v/c due to project: 0.436 — Δv/c after mitigation: 0.436

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	16	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 3	WB--	3	EB-- 3	WB--	3	EB--	WB--	3	EB--	WB--	3	EB--	WB--	3	EB--	WB--	3	EB--	WB--	3	EB--	WB--	3
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	81	1	81	-81	0	0	59	141	1	141	-141	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	1315	3	**334**	205	1520	**386**	752	2083	3	**526**	194	2277	3	**575**	-1985	292	3	**73**
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	-22	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	16	1	**16**	0	16	**16**	0	16	1	**16**	0	16	1	**16**	-16	0	1	**0**
	Left-Through		0							0				0				0	
	Through	188	1	125	9	197	99	90	280	1	171	9	289	1	145	-289	0	1	0
	Through-Right		1							1				1				1	
	Right	61	0	61	-61	0	0	0	62	0	62	-62	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	67	2	**37**	-67	0	**0**	0	68	2	**37**	-68	0	2	**0**	0	0	2	**0**
	Left-Through		0							0				0				0	
	Through	46	1	46	-46	0	0	0	47	1	47	-47	0	1	0	0	0	1	0
	Through-Right		0							0				0				0	
	Right	61	1	0	-61	0	0	89	151	1	10	-151	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	59	1	59	1	60	60	0	60	1	60	1	61	1	61	-61	0	1	0
	Left-Through		0							0				0				0	
	Through	207	2	104	-207	0	0	80	289	2	145	-289	0	2	0	0	0	2	0
	Through-Right		0							0				0				0	
	Right	143	1	**127**	0	143	**127**	56	201	1	**185**	0	201	1	**185**	-201	0	1	**0**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		350	North-South:		402	North-South:		542	North-South:			591	North-South:			73	
		East-West:		164	East-West:		127	East-West:		222	East-West:			185	East-West:			0	
		SUM:		514	SUM:		529	SUM:		764	SUM:			776	SUM:			73	
VOLUME/CAPACITY (V/C) RATIO:				0.374			0.385			0.556				0.564				0.053	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.274			0.285			0.456				0.464				0.027	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.008 — Δv/c after mitigation: -0.429

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	17	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		454	3	151	273	727	**242**	629	1088	3	**363**	274	1362	3	**454**	-873	489	3	**163**
	Through-Right			0							0				0				0	
	Right		199	1	**199**	-12	187	187	12	213	1	213	-12	201	1	201	-201	0	1	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right	89	1	**89**	0	89	**89**	0	90	1	**90**	0	90	1	**90**	-90	0	1	**0**
	Left-Through-Right		0							0				0				0		
	Left-Right		0							0				0				0		
WESTBOUND	Left	34	1	**34**	0	34	**34**	233	267	1	**267**	0	267	1	**267**	-267	0	1	**0**	
	Left-Through		0							0				0				0		
	Through	230	2	115	-230	0	0	124	357	2	179	-277	80	2	40	-80	0	2	0	
	Through-Right		0							0				0				0		
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Left-Through-Right		0							0				0				0		
	Left-Right		0							0				0				0		
	CRITICAL VOLUMES		*North-South:*		199	*North-South:*		242	*North-South:*			363	*North-South:*			454	*North-South:*			163
			East-West:		123	*East-West:*		123	*East-West:*			357	*East-West:*			357	*East-West:*			0
			SUM:		322	*SUM:*		365	*SUM:*			720	*SUM:*			811	*SUM:*			163
	VOLUME/CAPACITY (*V/C*) RATIO:				0.226			0.256				0.505				0.569				0.114
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.126			0.156				0.405				0.469				0.057
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.064 — *Δv/c* after mitigation: -0.348

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	18	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		408	3	**120**	192	600	**168**	356	769	3	**218**	282	1051	3	**289**	961	2012	3	**529**
	Through-Right			1							1				1				1	
	Right		73	0	73	0	73	73	30	104	0	104	0	104	0	104	0	104	0	104
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	**0**
	Through-Right			0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0		
	Left-Right		0							0				0				0		
WESTBOUND	Left	48	1	48	142	190	**190**	168	217	1	217	142	359	1	**359**	327	686	1	**686**	
	Left-Through		0							0				0				0		
	Through	216	2	**108**	-142	74	37	382	601	2	**301**	-152	449	2	225	-327	122	2	61	
	Through-Right		0							0				0				0		
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Left-Through-Right		0							0				0				0		
	Left-Right		0							0				0				0		
	CRITICAL VOLUMES		*North-South:*		120	*North-South:*		168	*North-South:*			218	*North-South:*			289	*North-South:*			529
			East-West:		108	*East-West:*		190	*East-West:*			301	*East-West:*			359	*East-West:*			686
			SUM:		228	*SUM:*		358	*SUM:*			519	*SUM:*			648	*SUM:*			1215
	VOLUME/CAPACITY (*V/C*) RATIO:				0.152			0.239				0.346				0.432				0.810
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.076			0.139				0.246				0.332				0.710
	LEVEL OF SERVICE (LOS):				A			A				A				A				C

PROJECT IMPACT

Change in *v/c* due to project: 0.086 — *Δv/c* after mitigation: 0.464

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	19	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		62	0	62	95	157	157	296	359	0	**359**	95	454	0	**454**	0	454	0	**454**
	Left-Through			1							1				1				1	
	Through		468	3	**133**	368	836	**248**	374	848	3	283	368	1216	3	405	2119	3335	3	947
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		0	0	**0**	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through			0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0		
	Left-Right		0							0				0				0		
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0		
	Through	207	2	**104**	-94	113	57	219	428	2	**214**	-103	325	2	**163**	0	325	2	**163**	
	Through-Right		0							0				0				0		
	Right	27	1	27	104	131	**131**	0	27	1	27	114	141	1	141	0	141	1	141	
	Left-Through-Right		0							0				0				0		
	Left-Right		0							0				0				0		
	CRITICAL VOLUMES		*North-South:*		133	*North-South:*		248	*North-South:*			359	*North-South:*			454	*North-South:*			947
			East-West:		104	*East-West:*		131	*East-West:*			214	*East-West:*			163	*East-West:*			163
			SUM:		237	*SUM:*		379	*SUM:*			573	*SUM:*			617	*SUM:*			1110
	VOLUME/CAPACITY (*V/C*) RATIO:				0.158			0.253				0.382				0.411				0.740
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.079			0.153				0.282				0.311				0.640
	LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in *v/c* due to project: 0.029 — *Δv/c* after mitigation: 0.358

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	20	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		9	1	9	0	9	9	0	9	1	9	0	9	1	9	-9	0	1	0
	Left-Through			0							0				0				0	
	Through		1499	3	**384**	67	1566	**401**	565	2082	3	**538**	-4	2078	3	**537**	-1981	97	3	**24**
	Through-Right			1							1				1				1	
	Right		38	0	38	0	38	38	30	68	0	68	0	68	0	68	-68	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		31	1	**31**	0	31	**31**	11	42	1	**42**	0	42	1	**42**	-42	0	1	**0**
	Left-Through			0							0				0				0	
	Through		272	2	136	-51	221	111	99	374	2	187	-141	233	2	117	-233	0	2	0
	Through-Right			0							0				0				0	
	Right		18	1	17	0	18	17	0	18	1	17	0	18	1	17	-18	0	1	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		3	1	**3**	0	3	**3**	0	3	1	**3**	0	3	1	**3**	-3	0	1	**0**
	Left-Through			0							0				0				0	
	Through	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Through-Right			0							0				0				0	
	Right	11	1	7	0	11	7	0	11	1	7	0	11	1	7	-11	0	1	0	
	Left-Through-Right		0							0				0				0		
	Left-Right		0							0				0				0		
WESTBOUND	Left	9	1	9	0	9	9	0	9	1	9	0	9	1	9	-9	0	1	0	
	Left-Through		0							0				0				0		
	Through	8	0	**39**	0	8	**39**	0	8	0	**39**	0	8	0	**39**	-8	0	0	**31**	
	Through-Right		1							1				1				1		
	Right	31	0	0	0	31	0	0	31	0	0	0	31	0	0	0	31	0	0	
	Left-Through-Right		0							0				0				0		
	Left-Right		0							0				0				0		
	CRITICAL VOLUMES		*North-South:*		415	*North-South:*		432	*North-South:*			580	*North-South:*			579	*North-South:*			24
			East-West:		42	*East-West:*		42	*East-West:*			42	*East-West:*			42	*East-West:*			31
			SUM:		457	*SUM:*		474	*SUM:*			622	*SUM:*			621	*SUM:*			55
	VOLUME/CAPACITY (*V/C*) RATIO:				0.321			0.333				0.436				0.436				0.039
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.221			0.233				0.336				0.336				0.019
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — *Δv/c* after mitigation: -0.317

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	21	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	74	1	74	45	119	119	160	235	1	235	45	280	1	280	-280	0	1	0
	↰	Left-Through		0							0				0				0	
	↑	Through	370	2	**141**	229	599	**217**	584	958	2	**337**	230	1188	2	**414**	-919	269	2	**90**
	↱	Through-Right		1							1				1				1	
	↱	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	-53	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	→	Through	53	1	**32**	0	53	**32**	41	95	1	**53**	0	95	1	**53**	-95	0	1	**0**
	↱	Through-Right		1							1				1				1	
	↱	Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	-11	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		141		*North-South:*	217		*North-South:*		337		*North-South:*		414		*North-South:*		90
			East-West:		32		*East-West:*	32		*East-West:*		53		*East-West:*		53		*East-West:*		0
			SUM:		173		*SUM:*	249		*SUM:*		390		*SUM:*		467		*SUM:*		90
	VOLUME/CAPACITY (*V/C*) RATIO:				0.115			0.166				0.260				0.311				0.060
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.058			0.083				0.160				0.211				0.030
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.051 — *Δv/c* after mitigation: -0.130

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	22	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	30	0	30	26	56	56	33	63	0	63	26	89	0	89	235	324	0	324
	↰	Left-Through		1							1				1				1	
	↑	Through	413	3	**111**	761	1174	**308**	481	899	3	**241**	851	1750	3	**460**	1053	2803	3	**782**
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	→	Through	67	1	**54**	3	70	70	224	292	1	**190**	3	295	1	**259**	-235	60	1	**60**
	↱	Through-Right		1							1				1				1	
	↱	Right	41	0	41	135	176	**176**	47	88	0	88	135	223	0	223	0	223	0	223
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		111		*North-South:*	308		*North-South:*		241		*North-South:*		460		*North-South:*		782
			East-West:		54		*East-West:*	176		*East-West:*		190		*East-West:*		259		*East-West:*		223
			SUM:		165		*SUM:*	484		*SUM:*		431		*SUM:*		719		*SUM:*		1005
	VOLUME/CAPACITY (*V/C*) RATIO:				0.110			0.323				0.287				0.479				0.670
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.055			0.223				0.187				0.379				0.570
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.192 — *Δv/c* after mitigation: 0.383

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	23	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	↑	Through	486	3	**162**	348	834	**278**	570	1062	3	**354**	348	1410	3	**470**	2119	3529	3	**1176**
	↱	Through-Right		0							0				0				0	
	↱	Right	10	1	10	3	13	13	0	10	1	10	3	13	1	13	0	13	1	13
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	29	0	29	0	29	29	125	154	0	154	0	154	0	154	0	154	0	154
	↰	Left-Through		1							1				1				1	
	→	Through	67	1	**48**	30	97	**63**	133	201	1	**178**	30	231	1	**193**	0	231	1	**193**
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		162		*North-South:*	278		*North-South:*		354		*North-South:*		470		*North-South:*		1176
			East-West:		48		*East-West:*	63		*East-West:*		178		*East-West:*		193		*East-West:*		193
			SUM:		210		*SUM:*	341		*SUM:*		532		*SUM:*		663		*SUM:*		1369
	VOLUME/CAPACITY (*V/C*) RATIO:				0.140			0.227				0.355				0.442				0.913
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.070			0.127				0.255				0.342				0.813
	LEVEL OF SERVICE (LOS):				A			A				A				A				D

PROJECT IMPACT

Change in *v/c* due to project: 0.087 — *Δv/c* after mitigation: 0.558

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	24	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	628	2	**345**	29	657	**361**	1	637	2	**350**	29	666	2	**366**	0	666	2	**366**
	↰	Left-Through		0							0				0				0	
	↑	Through	520	2	260	-344	176	88	41	567	2	284	-391	176	2	88	0	176	2	88
	↱	Through-Right		0							0				0				0	
	↱	Right	126	1	126	132	258	258	48	176	1	176	132	308	1	308	0	308	1	308
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	56	2	**31**	-56	0	0	5	62	2	**34**	-62	0	2	0	0	0	2	0
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	↱	Through-Right		0							0				0				0	
	↱	Right	45	2	0	-45	0	0	0	46	2	0	-46	0	2	0	0	0	2	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	140	1	**140**	-140	0	0	0	142	1	**142**	-142	0	1	0	0	0	1	0
	↰	Left-Through		0							0				0				0	
	→	Through	304	3	101	424	728	**243**	127	435	3	145	424	859	3	**286**	0	859	3	**286**
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	↰	Left-Through		0							0				0				0	
	↑	Through	399	2	**200**	0	399	200	102	506	2	**253**	0	506	2	253	-506	0	2	0
	↱	Through-Right		0							0				0				0	
	↱	Right	167	1	152	-167	0	0	0	169	1	152	-169	0	1	0	0	0	1	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		376		*North-South:*	361		*North-South:*		384		*North-South:*		366		*North-South:*		366
			East-West:		340		*East-West:*	243		*East-West:*		395		*East-West:*		286		*East-West:*		286
			SUM:		716		*SUM:*	604		*SUM:*		779		*SUM:*		652		*SUM:*		652
	VOLUME/CAPACITY (*V/C*) RATIO:				0.502			0.424				0.547				0.458				0.458
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.402			0.324				0.447				0.358				0.358
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: -0.089 — *Δv/c* after mitigation: -0.089

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	25	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	Bond	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				2			2			2			2			2			2			2
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	2	EB--	0	WB--	2	EB--	0	WB--	2	EB--	0	WB--	2	EB--	0	WB--	2	EB--	0	WB--	2
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2
Override Capacity				0			0			0			0			0			0			0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1296	3	432	-247	1049	350	90	1402	3	467	-384	1018	3	339	0	1018	3	339
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	3	0	3	255	258	258	0	3	0	3	255	258	0	258	0	258	0	258
	Left-Through		1							1				1				1	
	Through	2	0	5	0	2	260	0	2	0	5	0	2	0	260	0	2	0	260
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	2	0	34	0	2	7	0	2	0	34	0	2	0	8	0	2	0	8
	Through-Right		1							1				1				1	
	Right	65	1	0	-54	11	0	0	66	1	0	-53	13	1	0	0	13	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		432	North-South:		350	North-South:			467	North-South:			339	North-South:			339
		East-West:		39	East-West:		267	East-West:			39	East-West:			268	East-West:			268
		SUM:		471	SUM:		617	SUM:			506	SUM:			607	SUM:			607
VOLUME/CAPACITY (V/C) RATIO:				0.331			0.433				0.355				0.426				0.426
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.231			0.333				0.255				0.326				0.326
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.071 — Δv/c after mitigation: 0.071

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	26	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4			4			4			4			4			4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3
	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2
Override Capacity				0			0			0			0			0			0			0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	203	1	203	2	205	205	4	209	1	209	3	212	1	212	-212	0	1	0
	Left-Through		0							0				0				0	
	Through	1309	3	348	30	1339	367	508	1833	3	482	-42	1791	3	484	-1630	161	3	54
	Through-Right		1							1				1				1	
	Right	82	0	82	48	130	130	12	95	0	95	48	143	0	143	312	455	0	455
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	1	29	0	29	29	4	33	1	33	0	33	1	33	-33	0	1	0
	Left-Through		0							0				0				0	
	Through	207	2	104	-51	156	78	34	243	2	122	-140	103	2	52	-103	0	2	0
	Through-Right		0							0				0				0	
	Right	42	1	0	0	42	0	29	72	1	0	0	72	1	0	-72	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	144	1	144	35	179	179	82	228	1	228	35	263	1	263	-263	0	1	0
	Left-Through		0							0				0				0	
	Through	216	2	108	503	719	360	95	314	2	157	505	819	2	410	266	1085	2	543
	Through-Right		0							0				0				0	
	Right	121	1	0	160	281	76	16	138	1	0	161	299	1	87	0	299	1	299
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	68	1	68	6	74	74	39	108	1	108	6	114	1	114	-114	0	1	0
	Left-Through		0							0				0				0	
	Through	332	2	166	-184	148	74	70	406	2	203	-184	222	2	111	-222	0	2	0
	Through-Right		0							0				0				0	
	Right	81	1	67	2	83	69	5	87	1	71	2	89	1	73	-89	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		377	North-South:		396	North-South:			515	North-South:			517	North-South:			455
		East-West:		310	East-West:		434	East-West:			431	East-West:			524	East-West:			543
		SUM:		687	SUM:		830	SUM:			946	SUM:			1041	SUM:			998
VOLUME/CAPACITY (V/C) RATIO:				0.500			0.604				0.688				0.757				0.726
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.400			0.504				0.588				0.657				0.626
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.069 — Δv/c after mitigation: 0.038

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	27	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2
Override Capacity				0			0			0			0			0			0			0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	10	10	0	0	0	10	0	0	-10	0	0	0
	Left-Through		0							0				0				0	
	Through	324	2	131	234	558	208	547	875	2	330	234	1109	2	406	-885	224	2	75
	Through-Right		1							1				1				1	
	Right	70	0	70	-5	65	65	44	115	0	115	-5	110	0	110	-110	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	256	1	161	246	502	439	123	382	1	226	247	629	1	505	581	1210	1	796
	Through-Right		1							1				1				1	
	Right	66	0	66	310	376	376	3	70	0	70	311	381	0	381	0	381	0	381
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	19	0	19	0	19	19	-19	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		1							0				0				0	
	Through	433	1	236	-173	260	168	118	556	2	278	-173	383	2	192	-383	0	2	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		131	North-South:		208	North-South:			330	North-South:			406	North-South:			75
		East-West:		236	East-West:		458	East-West:			278	East-West:			505	East-West:			796
		SUM:		367	SUM:		666	SUM:			608	SUM:			911	SUM:			871
VOLUME/CAPACITY (V/C) RATIO:				0.245			0.444				0.405				0.607				0.581
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.145			0.344				0.305				0.507				0.481
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.202 — Δv/c after mitigation: 0.176

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	28	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2
Override Capacity				0			0			0			0			0			0			0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	7	0	7	7	14	14	13	20	0	20	7	27	0	27	0	27	0	27
	Left-Through		1							1				1				1	
	Through	396	2	113	1110	1506	392	462	863	2	246	1200	2063	2	548	1053	3116	2	811
	Through-Right		1							1				1				1	
	Right	49	0	113	0	49	392	52	102	0	246	0	102	0	548	0	102	0	811
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	222	1	143	155	377	251	116	341	1	208	155	496	1	316	578	1074	1	605
	Through-Right		1							1				1				1	
	Right	63	0	63	62	125	125	10	74	0	74	62	136	0	136	0	136	0	136
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	17	0	17	147	164	164	30	47	0	47	147	194	0	194	161	355	0	355
	Left-Through		1							1				1				1	
	Through	352	1	185	-157	195	195	71	427	1	261	-157	270	1	270	-302	-32	1	-32
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		113	North-South:		392	North-South:			246	North-South:			548	North-South:			811
		East-West:		185	East-West:		415	East-West:			261	East-West:			510	East-West:			960
		SUM:		298	SUM:		807	SUM:			507	SUM:			1058	SUM:			1771
VOLUME/CAPACITY (V/C) RATIO:				0.199			0.538				0.338				0.705				1.181
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.099			0.438				0.238				0.605				1.081
LEVEL OF SERVICE (LOS):				A			A				A				B				F

PROJECT IMPACT

Change in v/c due to project: 0.367 — Δv/c after mitigation: 0.843

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	29	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		53	0	53	14	67	67	6	60	0	60	14	74	0	74	0	74	0	74
	Left-Through			1							1				1				1	
	Through		461	3	129	251	712	195	521	988	3	262	251	1239	3	328	1370	2609	3	671
	Through-Right			0							0				0				0	
	Right		37	1	37	30	67	67	18	55	1	55	30	85	1	85	0	85	1	85
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		32	0	32	14	46	46	44	76	0	76	14	90	0	90	578	668	0	668
	Left-Through			1							1				1				1	
	Through		196	1	130	148	344	218	85	283	1	218	149	432	1	306	0	432	1	432
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		318	1	168	-24	294	196	95	417	1	220	-24	393	1	248	-141	252	1	248
	Through-Right			1							1				1				1	
	Right		18	0	18	80	98	98	5	23	0	23	80	103	0	103	141	244	0	244
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		129	North-South:		195	North-South:			262	North-South:			328	North-South:			671
			East-West:		200	East-West:		242	East-West:			296	East-West:			338	East-West:			916
			SUM:		329	SUM:		437	SUM:			558	SUM:			666	SUM:			1587
	VOLUME/CAPACITY (V/C) RATIO:				0.219			0.291				0.372				0.444				1.058
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.119			0.191				0.272				0.344				0.958
	LEVEL OF SERVICE (LOS):				A			A				A				A				E

PROJECT IMPACT

Change in v/c due to project: 0.072 | Δv/c after mitigation: 0.686

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	30	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		28	1	28	0	28	28	6	34	1	34	0	34	1	34	0	34	1	34
	Left-Through			0							0				0				0	
	Through		192	1	107	4	196	111	148	342	1	185	4	346	1	189	0	346	1	189
	Through-Right			1							1				1				1	
	Right		22	0	22	4	26	26	5	27	0	27	4	31	0	31	0	31	0	31
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		5	1	5	45	50	50	5	10	1	10	45	55	1	55	0	55	1	55
	Left-Through			0							0				0				0	
	Through		258	1	145	1264	1522	777	171	432	1	237	1264	1696	1	869	0	1696	1	869
	Through-Right			1							1				1				1	
	Right		32	0	32	0	32	32	10	42	0	42	0	42	0	42	0	42	0	42
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		18	0	18	33	51	51	9	27	0	27	33	60	0	60	0	60	0	60
	Left-Through			1							1				1				1	
	Through		204	0	117	123	327	264	77	283	0	183	124	407	0	346	0	407	0	346
	Through-Right			1							1				1				1	
	Right		12	0	117	137	149	264	16	28	0	183	137	165	0	346	0	165	0	346
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		7	0	7	0	7	7	3	10	0	10	0	10	0	10	0	10	0	10
	Left-Through			1							1				1				1	
	Through		273	0	148	-4	269	149	83	359	0	204	-4	355	0	202	0	355	0	202
	Through-Right			1							1				1				1	
	Right		15	0	148	0	15	149	14	29	0	204	0	29	0	202	0	29	0	202
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		173	North-South:		805			North-South:	271			North-South:	903			North-South:	903
			East-West:		166	East-West:		271			East-West:	231			East-West:	356			East-West:	356
			SUM:		339	SUM:		1076			SUM:	502			SUM:	1259			SUM:	1259
	VOLUME/CAPACITY (V/C) RATIO:				0.226			0.717				0.335				0.839				0.839
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.126			0.617				0.235				0.739				0.739
	LEVEL OF SERVICE (LOS):				A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.504 | Δv/c after mitigation: 0.504

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	31	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		30	1	30	1	31	31	0	30	1	30	1	31	1	31	0	31	1	31
	Left-Through			0							0				0				0	
	Through		228	1	133	0	228	133	114	345	1	191	0	345	1	191	0	345	1	191
	Through-Right			1							1				1				1	
	Right		37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through			0							0				0				0	
	Through		233	1	129	58	291	154	115	351	1	194	58	409	1	219	0	409	1	219
	Through-Right			1							1				1				1	
	Right		24	0	24	-7	17	17	12	36	0	36	-7	29	0	29	0	29	0	29
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		43	1	43	0	43	43	9	53	1	53	0	53	1	53	0	53	1	53
	Left-Through			0							0				0				0	
	Through		176	1	176	124	300	300	78	256	1	256	125	381	1	381	0	381	1	381
	Through-Right			0							0				0				0	
	Right		32	1	17	48	80	65	0	32	1	17	48	80	1	65	0	80	1	65
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		19	1	19	0	19	19	0	19	1	19	0	19	1	19	0	19	1	19
	Left-Through			0							0				0				0	
	Through		205	0	236	2	207	238	89	296	0	327	3	299	0	330	0	299	0	330
	Through-Right			1							1				1				1	
	Right		31	0	0	0	31	0	0	31	0	0	0	31	0	0	0	31	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		159	North-South:		185	North-South:			224	North-South:			250	North-South:			250
			East-West:		279	East-West:		319	East-West:			380	East-West:			400	East-West:			400
			SUM:		438	SUM:		504	SUM:			604	SUM:			650	SUM:			650
	VOLUME/CAPACITY (V/C) RATIO:				0.292			0.336				0.403				0.433				0.433
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.192			0.236				0.303				0.333				0.333
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.030 | Δv/c after mitigation: 0.030

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	32	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		36	1	36	0	36	36	0	36	1	36	0	36	1	36	0	36	1	36
	Left-Through			0							0				0				0	
	Through		356	1	198	8	364	202	135	495	2	248	8	503	2	252	0	503	2	252
	Through-Right			1							1				0				0	
	Right		40	0	40	0	40	40	0	40	1	40	0	40	1	40	0	40	1	40
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		9	1	9	0	9	9	0	9	1	9	0	9	1	9	0	9	1	9
	Left-Through			0							0				0				0	
	Through		303	1	160	9	312	165	136	443	0	474	9	452	0	483	0	452	0	483
	Through-Right			1							1				1				1	
	Right		17	0	17	0	17	17	14	31	0	0	0	31	0	0	0	31	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		31	1	31	38	69	69	21	52	1	52	39	91	1	91	0	91	1	91
	Left-Through			0							0				0				0	
	Through		137	0	169	86	223	255	57	196	0	228	86	282	0	314	0	282	0	314
	Through-Right			1							1				1				1	
	Right		32	0	0	0	32	0	0	32	0	0	0	32	0	0	0	32	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through			0							0				0				0	
	Through		222	0	279	1	223	280	75	300	0	360	1	301	0	361	0	301	0	361
	Through-Right			0							0				0				0	
	Right		34	0	0	0	34	0	3	37	0	0	0	37	0	0	0	37	0	0
	Left-Through-Right			1							1				1				1	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		207	North-South:		211			North-South:	510			North-South:	519			North-South:	519
			East-West:		310	East-West:		349			East-West:	412			East-West:	452			East-West:	452
			SUM:		517	SUM:		560			SUM:	922			SUM:	971			SUM:	971
	VOLUME/CAPACITY (V/C) RATIO:				0.345			0.373				0.615				0.647				0.647
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.245			0.273				0.515				0.547				0.547
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.032 | Δv/c after mitigation: 0.032

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
33	Blaine	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Olympic	2017			LAEC

No. of Phases			4			4			4			4			4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			1			1			1			1			1			1
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	101	0	101	0	101	101	33	135	0	135	0	135	0	135	0	135	0	135
	Left-Through		0							0				0				0	
	Through	17	0	**118**	0	17	118	0	17	0	**152**	0	17	0	152	0	17	0	152
	Through-Right		0							0				0				0	
	Right	153	1	56	255	408	**195**	83	238	1	108	255	493	1	**247**	0	493	1	**247**
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through		0							0				0				0	
	Through	78	0	**90**	0	78	**90**	0	79	0	**91**	0	79	0	**91**	0	79	0	**91**
	Through-Right		0							0				0				0	
	Right	9	0	0	0	9	0	0	9	0	0	0	9	0	0	0	9	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	12	1	12	0	12	12	0	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	846	2	**337**	162	1008	**391**	266	1122	2	**431**	162	1284	2	**485**	0	1284	2	**485**
	Through-Right		1							1				1				1	
	Right	166	0	166	0	166	166	3	171	0	171	0	171	0	171	0	171	0	171
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	194	1	**194**	233	427	**427**	64	260	1	**260**	233	493	1	**493**	0	493	1	**493**
	Left-Through		0							0				0				0	
	Through	680	2	234	396	1076	366	238	926	2	316	407	1333	2	452	448	1781	2	601
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		208	North-South:		285	North-South:			243	North-South:			338	North-South:			338
		East-West:		531	East-West:		818	East-West:			691	East-West:			978	East-West:			978
		SUM:		739	SUM:		1103	SUM:			934	SUM:			1316	SUM:			1316
VOLUME/CAPACITY (V/C) RATIO:				0.537			0.802				0.679				0.957				0.957
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.437			0.702				0.579				0.857				0.857
LEVEL OF SERVICE (LOS):				A			C				A				D				D

PROJECT IMPACT

Change in v/c due to project: 0.278 Δv/c after mitigation: 0.278

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
34	Blaine	2011	0.2	Eric Ji	1/6/2012
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	SR 110 SB Off-Ramps	2017			LAEC

No. of Phases			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		1	EB-- 0 WB--		1	EB-- 0 WB--		1	EB-- 0 WB--		1	EB-- 0 WB--		1	EB-- 0 WB--		1
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	446	2	**223**	233	679	**340**	67	518	2	**259**	233	751	2	**376**	0	751	2	**376**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	135	1	135	-85	50	50	63	200	1	200	-174	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	325
	Through-Right		0							0				0				0	
	Right	275	2	**151**	165	440	**242**	116	394	2	**217**	255	649	2	**357**	0	649	1	**0**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		223	North-South:		340	North-South:			259	North-South:			376	North-South:			376
		East-West:		151	East-West:		242	East-West:			217	East-West:			357	East-West:			325
		SUM:		374	SUM:		582	SUM:			476	SUM:			733	SUM:			701
VOLUME/CAPACITY (V/C) RATIO:				0.249			0.388				0.317				0.489				0.467
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.149			0.288				0.217				0.389				0.367
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.172 Δv/c after mitigation: 0.150

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
35	Blaine	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	11th	2017			LAEC

No. of Phases			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			2			2			2			2			2			2
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	104	1	57	-85	19	10	63	168	1	92	-168	0	1	0	0	0	1	0
	Left-Through		1							1				1				1	
	Through	415	0	**462**	233	648	**695**	67	487	0	**535**	233	720	0	**384**	0	720	1	**256**
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	0	48	0	48	0	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	93	1	93	0	93	93	7	101	1	101	0	101	1	101	0	101	1	101
	Through-Right		0							0				0				0	
	Right	205	1	**205**	0	205	**205**	0	207	1	**207**	0	207	1	**207**	0	207	1	**207**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	208	0	**208**	1001	1209	**1209**	104	315	0	**315**	929	1244	0	**1244**	0	1244	1	**622**
	Left-Through		1							1				1				1	
	Through	161	1	161	-161	0	0	8	171	1	171	-171	0	1	0	0	0	0	622
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		462	North-South:		695	North-South:			535	North-South:			384	North-South:			256
		East-West:		413	East-West:		1414	East-West:			522	East-West:			1451	East-West:			829
		SUM:		875	SUM:		2109	SUM:			1057	SUM:			1835	SUM:			1085
VOLUME/CAPACITY (V/C) RATIO:				0.614			1.480				0.742				1.288				0.761
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.514			1.380				0.642				1.188				0.661
LEVEL OF SERVICE (LOS):				A			F				B				F				B

PROJECT IMPACT

Change in v/c due to project: 0.546 Δv/c after mitigation: 0.019

Significant impacted? YES Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
36	Convention Center Drive	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Venice	2017			LAEC

No. of Phases			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		3	EB-- 0 WB--		3	EB-- 0 WB--		3	EB-- 0 WB--		3	EB-- 0 WB--		3	EB-- 0 WB--		3
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	7	1	**5**	238	245	**135**	0	7	1	**5**	240	247	1	**136**	0	247	1	**136**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	9	1	1	81	90	80	0	9	1	1	82	91	1	81	0	91	1	81
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	9	1	9	12	21	**21**	0	9	1	9	12	21	1	**21**	0	21	1	**21**
	Left-Through		0							0				0				0	
	Through	545	2	**273**	26	571	286	51	603	2	**302**	26	629	2	315	0	629	2	315
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	364	2	182	288	652	**326**	48	416	2	208	288	704	2	**352**	218	922	2	**461**
	Through-Right		0							0				0				0	
	Right	17	1	12	222	239	104	13	30	1	25	223	253	1	117	0	253	1	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		5	North-South:		135	North-South:			5	North-South:			136	North-South:			136
		East-West:		273	East-West:		347	East-West:			302	East-West:			373	East-West:			482
		SUM:		278	SUM:		482	SUM:			307	SUM:			509	SUM:			618
VOLUME/CAPACITY (V/C) RATIO:				0.185			0.321				0.205				0.339				0.412
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.093			0.221				0.105				0.239				0.312
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.134 Δv/c after mitigation: 0.207

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	37	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4				4				4				4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3				
	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0				
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	127	1	127	12	139	**139**	0	129	1	129	12	141	1	141	218	359	1	359
	Left-Through		0							0				0				0	
	Through	1429	3	**368**	58	1487	383	458	1904	3	**488**	-14	1890	3	**503**	-1536	354	3	**118**
	Through-Right		1							1				1				1	
	Right	44	0	44	0	44	44	3	48	0	48	72	120	0	120	204	324	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	22	1	**22**	47	69	69	3	25	1	**25**	47	72	1	**72**	0	72	1	**72**
	Left-Through		0							0				0				0	
	Through	345	2	173	401	746	**373**	25	374	2	187	313	687	2	344	-276	411	2	206
	Through-Right		0							0				0				0	
	Right	20	1	0	66	86	0	18	38	1	0	66	104	1	0	0	104	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	70	1	**70**	53	123	**123**	14	85	1	**85**	53	138	1	**138**	0	138	1	**138**
	Left-Through		0							0				0				0	
	Through	243	2	122	23	266	133	37	283	2	142	23	306	2	153	0	306	2	153
	Through-Right		0							0				0				0	
	Right	123	1	0	113	236	97	0	124	1	0	114	238	1	97	0	238	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	62	0	62	121	183	183	0	63	0	63	211	274	0	274	275	549	0	549
	Left-Through		1							1				1				1	
	Through	215	0	**207**	392	607	**533**	43	261	0	**249**	392	653	0	**665**	0	653	0	**782**
	Through-Right		1							1				1				1	
	Right	75	0	207	18	93	533	35	111	0	249	18	129	0	665	0	129	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		390	North-South:		512	North-South:			513	North-South:			575	North-South:			565
		East-West:		277	East-West:		656	East-West:			334	East-West:			803	East-West:			920
		SUM:		667	SUM:		1168	SUM:			847	SUM:			1378	SUM:			1485
VOLUME/CAPACITY (V/C) RATIO:				0.485			0.849				0.616				1.002				1.080
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.385			0.749				0.516				0.902				0.980
LEVEL OF SERVICE (LOS):				A			C				A				E				E

PROJECT IMPACT

Change in v/c due to project: 0.386 Δv/c after mitigation: 0.464

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	38	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3				3				3				3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0				
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0				
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	27	1	27	0	27	27	3	30	1	30	0	30	1	30	82	112	1	112
	Left-Through		0							0				0				0	
	Through	340	2	**170**	533	873	**437**	530	874	2	**314**	534	1408	2	**509**	-885	523	2	**214**
	Through-Right		0							1				1				1	
	Right	50	1	50	50	100	100	18	69	0	69	50	119	0	119	0	119	0	119
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	246	1	**159**	70	316	194	42	291	1	**182**	142	433	1	253	204	637	1	355
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	0	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	27	0	**27**	185	212	212	7	34	0	**34**	185	219	0	219	403	622	0	622
	Left-Through		1							1				1				1	
	Through	294	1	174	481	775	**600**	60	358	1	213	571	929	1	**684**	275	1204	1	**1204**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		170	North-South:		437	North-South:			314	North-South:			509	North-South:			214
		East-West:		186	East-West:		600	East-West:			216	East-West:			684	East-West:			1204
		SUM:		356	SUM:		1037	SUM:			530	SUM:			1193	SUM:			1418
VOLUME/CAPACITY (V/C) RATIO:				0.250			0.728				0.372				0.837				0.995
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.150			0.628				0.272				0.737				0.895
LEVEL OF SERVICE (LOS):				A			B				A				C				D

PROJECT IMPACT

Change in v/c due to project: 0.465 Δv/c after mitigation: 0.623

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	39	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0				
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0				
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	39	0	39	92	131	131	5	44	0	44	92	136	0	136	0	136	0	136
	Left-Through		1							1				1				1	
	Through	356	3	**99**	1134	1490	**405**	472	832	3	**219**	1135	1967	3	**526**	535	2502	3	**660**
	Through-Right		0							0				0				0	
	Right	33	1	33	93	126	126	26	59	1	59	183	242	1	242	679	921	1	921
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	169	1	**119**	31	200	**156**	35	206	1	**143**	31	237	1	**216**	286	523	1	**359**
	Through-Right		1							1				1				1	
	Right	69	0	69	43	112	112	10	80	0	80	115	195	0	195	0	195	0	195
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	28	0	**28**	319	347	**347**	0	28	0	**28**	319	347	0	**347**	0	347	0	**347**
	Left-Through		1							1				1				1	
	Through	185	1	107	213	398	398	36	223	1	126	213	436	1	436	0	436	1	436
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		99	North-South:		405	North-South:			219	North-South:			526	North-South:			921
		East-West:		147	East-West:		503	East-West:			171	East-West:			563	East-West:			706
		SUM:		246	SUM:		908	SUM:			390	SUM:			1089	SUM:			1627
VOLUME/CAPACITY (V/C) RATIO:				0.164			0.605				0.260				0.726				1.085
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.082			0.505				0.160				0.626				0.985
LEVEL OF SERVICE (LOS):				A			A				A				B				E

PROJECT IMPACT

Change in v/c due to project: 0.466 Δv/c after mitigation: 0.825

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	40	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0				
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0				
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	44	0	44	437	481	481	19	64	0	64	437	501	0	501	0	501	0	501
	Left-Through		1							1				1				1	
	Through	353	2	**105**	242	595	298	518	875	2	**241**	242	1117	2	539	1114	2231	2	894
	Through-Right		1							1				1				1	
	Right	23	0	105	819	842	**842**	0	23	0	241	819	842	0	**842**	0	842	0	**894**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	25	0	**25**	8	33	**33**	35	60	0	**60**	8	68	0	**68**	286	354	0	**354**
	Left-Through		1							1				1				1	
	Through	184	1	105	116	300	167	4	190	1	125	116	306	1	221	0	306	1	306
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	163	1	**92**	95	258	**140**	17	182	1	**109**	95	277	1	**157**	0	277	1	**157**
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	15	36	0	36	0	36	0	36	0	36	0	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		105	North-South:		842	North-South:			241	North-South:			842	North-South:			894
		East-West:		117	East-West:		173	East-West:			169	East-West:			225	East-West:			511
		SUM:		222	SUM:		1015	SUM:			410	SUM:			1067	SUM:			1405
VOLUME/CAPACITY (V/C) RATIO:				0.148			0.677				0.273				0.711				0.937
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.074			0.577				0.173				0.611				0.837
LEVEL OF SERVICE (LOS):				A			A				A				B				D

PROJECT IMPACT

Change in v/c due to project: 0.438 Δv/c after mitigation: 0.664

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	41	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- / EB-- 0 WB-- | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	193	3	64	948	1141	380	212	407	3	136	948	1355	3	452	535	1890	3	609
	Through-Right		1							1				1				1	
	Right	265	1	146	547	812	447	270	538	1	296	619	1157	1	636	0	1157	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	73	0	73	64	137	137	28	102	0	102	64	166	0	166	0	166	0	166
	Left-Through		1							1				1				1	
	Through	598	1	336	276	874	506	135	740	1	421	276	1016	1	591	0	1016	2	394
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		146	North-South:		447	North-South:			296	North-South:			636	North-South:			609
		East-West:		336	East-West:		506	East-West:			421	East-West:			591	East-West:			394
		SUM:		482	SUM:		953	SUM:			717	SUM:			1227	SUM:			1003
VOLUME/CAPACITY (v/c) RATIO:				0.321			0.635				0.478				0.818				0.669
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.221			0.535				0.378				0.718				0.569
LEVEL OF SERVICE (LOS):				A			A				A				C				A

PROJECT IMPACT

Change in v/c due to project: 0.340 | Δv/c after mitigation: 0.191
Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	42	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- / EB-- 0 WB-- | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	81	0	81	51	132	132	33	115	0	115	51	166	0	166	0	166	0	166
	Left-Through		1							1				1				1	
	Through	450	3	133	21	471	151	352	807	3	231	22	829	3	249	1114	1943	3	527
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	615	1	368	289	904	646	130	752	1	529	289	1041	1	808	0	1041	2	521
	Through-Right		1							1				1				1	
	Right	120	0	120	267	387	387	185	306	0	306	268	574	0	574	0	574	0	574
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		133	North-South:		151	North-South:			231	North-South:			249	North-South:			527
		East-West:		368	East-West:		646	East-West:			529	East-West:			808	East-West:			574
		SUM:		501	SUM:		797	SUM:			760	SUM:			1057	SUM:			1101
VOLUME/CAPACITY (v/c) RATIO:				0.334			0.531				0.507				0.705				0.734
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.234			0.431				0.407				0.605				0.634
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.198 | Δv/c after mitigation: 0.227
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	43	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- / EB-- 0 WB-- | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	59	0	59	0	59	59	10	70	0	70	0	70	0	70	0	70	0	70
	Left-Through		1							1				1				1	
	Through	153	1	106	0	153	153	137	292	1	216	0	292	1	292	0	292	1	292
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	209	1	140	1719	1928	1109	129	341	1	230	1719	2060	1	1199	0	2060	1	1199
	Through-Right		1							1				1				1	
	Right	70	0	70	220	290	290	47	118	0	118	220	338	0	338	0	338	0	338
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	8	0	8	0	8	8	25	33	0	33	0	33	0	33	0	33	0	33
	Left-Through		1							1				1				1	
	Through	448	0	251	246	694	374	258	711	0	402	247	958	0	526	0	958	1	350
	Through-Right		1							1				1				1	
	Right	45	0	251	0	45	374	14	60	0	402	0	60	0	526	0	60	0	350
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		199	North-South:		1168	North-South:			300	North-South:			1269	North-South:			1269
		East-West:		251	East-West:		374	East-West:			402	East-West:			526	East-West:			350
		SUM:		450	SUM:		1542	SUM:			702	SUM:			1795	SUM:			1619
VOLUME/CAPACITY (v/c) RATIO:				0.300			1.028				0.468				1.197				1.079
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.200			0.928				0.368				1.097				0.979
LEVEL OF SERVICE (LOS):				A			E				A				F				E

PROJECT IMPACT

Change in v/c due to project: 0.729 | Δv/c after mitigation: 0.611
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	44	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- / EB-- 0 WB-- | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	300	2	150	3	303	152	116	420	2	210	3	423	2	212	0	423	2	212
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	311	1	186	190	501	281	105	420	1	246	190	610	1	341	0	610	1	341
	Through-Right		1							1				1				1	
	Right	61	0	61	0	61	61	9	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	29	0	29	0	29	29	11	40	0	40	0	40	0	40	0	40	0	40
	Left-Through		1							1				1				1	
	Through	374	0	212	246	620	337	289	668	0	369	246	914	0	495	0	914	1	330
	Through-Right		1							1				1				1	
	Right	20	0	212	5	25	337	10	30	0	369	5	35	0	495	0	35	0	330
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		229	North-South:		324	North-South:			290	North-South:			385	North-South:			385
		East-West:		212	East-West:		337	East-West:			369	East-West:			495	East-West:			330
		SUM:		441	SUM:		661	SUM:			659	SUM:			880	SUM:			715
VOLUME/CAPACITY (v/c) RATIO:				0.294			0.441				0.439				0.587				0.477
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.194			0.341				0.339				0.487				0.377
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.148 | Δv/c after mitigation: 0.038
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	45	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	46	1	46	0	46	46	4	51	1	51	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	352	2	176	0	352	176	115	471	2	236	0	471	2	236	0	471	2	236
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	316	1	210	1	317	211	114	434	1	279	1	435	1	279	0	435	1	279
	Through-Right		1							1				1				1	
	Right	104	0	104	0	104	104	18	123	0	123	0	123	0	123	0	123	0	123
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	57	0	57	0	57	57	101	159	0	159	0	159	0	159	0	159	0	159
	Left-Through		1							1				1				1	
	Through	423	0	253	250	673	378	288	716	0	461	250	966	0	586	0	966	1	390
	Through-Right		1							1				1				1	
	Right	26	0	253	0	26	378	20	46	0	461	0	46	0	586	0	46	0	390
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		256	North-South:		257	North-South:		330		North-South:		330		North-South:		330	
		East-West:		253	East-West:		378	East-West:		461		East-West:		586		East-West:		390	
		SUM:		509	SUM:		635	SUM:		791		SUM:		916		SUM:		720	
VOLUME/CAPACITY (V/C) RATIO:				0.339			0.423			0.527				0.611				0.480	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.239			0.323			0.427				0.511				0.380	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.084 | Δv/c after mitigation: -0.047
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	46	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	75	2	38	0	75	38	6	82	2	41	0	82	2	41	0	82	2	41
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	453	1	289	1	454	289	19	477	1	304	1	478	1	305	0	478	1	305
	Through-Right		1							1				1				1	
	Right	124	0	124	0	124	124	6	131	0	131	0	131	0	131	0	131	0	131
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	76	0	76	0	76	76	0	77	0	77	0	77	0	77	0	77	0	77
	Left-Through		1							1				1				1	
	Through	368	0	281	250	618	406	403	775	0	499	251	1026	0	624	0	1026	1	416
	Through-Right		1							1				1				1	
	Right	118	0	281	0	118	406	26	145	0	499	0	145	0	624	0	145	0	416
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		299	North-South:		299	North-South:		314		North-South:		315		North-South:		315	
		East-West:		281	East-West:		406	East-West:		499		East-West:		624		East-West:		416	
		SUM:		580	SUM:		705	SUM:		813		SUM:		939		SUM:		731	
VOLUME/CAPACITY (V/C) RATIO:				0.387			0.470			0.542				0.626				0.487	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.287			0.370			0.442				0.526				0.387	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.084 | Δv/c after mitigation: -0.055
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	47	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	8	1	8	0	8	8	0	8	1	8	0	8	1	8	0	8	1	8
	Left-Through		0							0				0				0	
	Through	245	3	82	293	538	179	431	679	3	226	293	972	3	324	-124	848	3	283
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	19	1	17	78	97	56	35	54	1	34	79	133	1	74	1069	1202	1	608
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		82	North-South:		179	North-South:		226		North-South:		324		North-South:		283	
		East-West:		17	East-West:		56	East-West:		34		East-West:		74		East-West:		608	
		SUM:		99	SUM:		235	SUM:		260		SUM:		398		SUM:		891	
VOLUME/CAPACITY (V/C) RATIO:				0.069			0.165			0.182				0.279				0.625	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.035			0.082			0.091				0.179				0.525	
LEVEL OF SERVICE (LOS):				A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.088 | Δv/c after mitigation: 0.434
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	48	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 3 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	124	2	68	51	175	96	0	125	2	69	51	176	2	97	0	176	2	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	119	1	119	325	444	444	62	182	1	182	325	507	1	507	358	865	1	865
	Left-Through		0							0				0				0	
	Through	149	3	50	704	853	284	177	328	3	109	704	1032	3	344	177	1209	3	403
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	565	2	188	87	652	217	282	854	2	285	88	942	2	314	1069	2011	2	670
	Through-Right		1							1				1				1	
	Right	56	1	56	0	56	56	79	136	1	136	0	136	1	136	0	136	1	136
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		187	North-South:		540	North-South:		251		North-South:		604		North-South:		962	
		East-West:		188	East-West:		217	East-West:		285		East-West:		314		East-West:		670	
		SUM:		375	SUM:		757	SUM:		536		SUM:		918		SUM:		1632	
VOLUME/CAPACITY (V/C) RATIO:				0.263			0.531			0.376				0.644				1.145	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.163			0.431			0.276				0.544				1.045	
LEVEL OF SERVICE (LOS):				A			A			A				A				F	

PROJECT IMPACT

Change in v/c due to project: 0.268 | Δv/c after mitigation: 0.769
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
49	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	193	3	53	0	193	64	172	367	3	96	0	367	3	122	45	412	3	137
	Through-Right		1							1				1				1	
	Right	18	0	18	330	348	348	0	18	0	18	330	348	0	348	0	348	0	348
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	337	1	337	72	409	409	212	553	1	553	72	625	1	625	1069	1694	1	1694
	Left-Through		0							0				0				0	
	Through	472	2	236	392	864	432	132	610	2	305	393	1003	2	502	358	1361	2	681
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		53		North-South:	348		North-South:		96		North-South:		348		North-South:		348
		East-West:		337		East-West:	432		East-West:		553		East-West:		625		East-West:		1694
		SUM:		390		SUM:	780		SUM:		649		SUM:		973		SUM:		2042
	VOLUME/CAPACITY (V/C) RATIO:			0.260			0.520				0.433				0.649				1.361
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.160			0.420				0.333				0.549				1.261
	LEVEL OF SERVICE (LOS):			A			A				A				A				F

PROJECT IMPACT

Change in v/c due to project: 0.216 | Δv/c after mitigation: 0.928

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
50	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	197	1	122	0	197	122	130	329	1	189	0	329	1	189	0	329	1	189
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	0	48	0	48	0	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	57	0	57	1102	1159	1159	15	73	0	73	1102	1175	0	1175	0	1175	0	1175
	Left-Through		1							1				1				1	
	Through	169	1	113	618	787	787	138	309	1	228	618	927	1	927	0	927	1	927
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	21	1	21	0	21	21	17	38	1	38	0	38	1	38	0	38	0	38
	Left-Through		0							0				0				1	
	Through	440	1	228	722	1162	589	115	560	1	288	723	1283	1	649	358	1641	1	565
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	565
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		179		North-South:	1281		North-South:		262		North-South:		1364		North-South:		1364
		East-West:		228		East-West:	589		East-West:		288		East-West:		649		East-West:		565
		SUM:		407		SUM:	1870		SUM:		550		SUM:		2013		SUM:		1929
	VOLUME/CAPACITY (V/C) RATIO:			0.271			1.247				0.367				1.342				1.286
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.171			1.147				0.267				1.242				1.186
	LEVEL OF SERVICE (LOS):			A			F				A				F				F

PROJECT IMPACT

Change in v/c due to project: 0.975 | Δv/c after mitigation: 0.919

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
51	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	321	1	195	3	324	196	116	441	1	263	3	444	1	265	0	444	1	265
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	16	85	0	85	0	85	0	85	0	85	0	85
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	47	1	47	146	193	193	10	58	1	58	146	204	1	204	0	204	1	204
	Left-Through		0							0				0				0	
	Through	282	2	141	44	326	163	107	392	2	196	45	437	2	219	0	437	2	219
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	36	1	36	0	36	36	0	36	1	36	0	36	1	36	0	36	0	36
	Left-Through		0							0				1				1	
	Through	486	1	250	1824	2310	1162	112	604	1	318	1825	2429	1	1231	358	2787	1	952
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	19	32	0	32	0	32	0	32	0	32	0	952
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		242		North-South:	389		North-South:		321		North-South:		469		North-South:		469
		East-West:		250		East-West:	1162		East-West:		318		East-West:		1231		East-West:		952
		SUM:		492		SUM:	1551		SUM:		639		SUM:		1700		SUM:		1421
	VOLUME/CAPACITY (V/C) RATIO:			0.328			1.034				0.426				1.133				0.947
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.228			0.934				0.326				1.033				0.847
	LEVEL OF SERVICE (LOS):			A			E				A				F				D

PROJECT IMPACT

Change in v/c due to project: 0.707 | Δv/c after mitigation: 0.521

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
52	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	368	1	256	0	368	256	104	476	1	376	0	476	1	376	0	476	1	376
	Through-Right		1							1				1				1	
	Right	144	0	144	0	144	144	129	275	0	275	0	275	0	275	0	275	0	275
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	61	1	61	0	61	61	17	79	1	79	0	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	319	2	160	1	320	160	198	521	2	261	1	522	2	261	0	522	2	261
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	40	0	40	0	40	40	16	56	0	56	0	56	0	56	0	56	0	56
	Left-Through		1							1				1				1	
	Through	484	1	262	1969	2453	1247	114	604	1	330	1970	2574	1	1315	358	2932	1	1494
	Through-Right		1							0				1				0	
	Right	62	1	62	0	62	62	9	72	1	72	0	72	1	72	0	72	1	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		317		North-South:	317		North-South:		455		North-South:		455		North-South:		455
		East-West:		262		East-West:	1247		East-West:		330		East-West:		1315		East-West:		1494
		SUM:		579		SUM:	1564		SUM:		785		SUM:		1770		SUM:		1949
	VOLUME/CAPACITY (V/C) RATIO:			0.386			1.043				0.523				1.180				1.299
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.286			0.943				0.423				1.080				1.199
	LEVEL OF SERVICE (LOS):			A			E				A				F				F

PROJECT IMPACT

Change in v/c due to project: 0.657 | Δv/c after mitigation: 0.776

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
53	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	130	1	70	0	130	70	4	136	1	73	0	136	1	73	0	136	1	73
	Through-Right		1							1				1				1	
	Right	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	1	9	0	9	9	0	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	220	2	110	1	221	111	0	223	2	112	1	224	2	112	0	224	2	112
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	581	1	581	1969	2550	2550	260	848	1	848	1970	2818	1	2818	358	3176	2	1747
	Left-Through		0							0				0				0	
	Through	79	1	53	0	79	53	0	80	1	53	0	80	1	53	0	80	1	53
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		110	North-South:		111	North-South:			112	North-South:			112	North-South:			112
		East-West:		581	East-West:		2550	East-West:			848	East-West:			2818	East-West:			1747
		SUM:		691	SUM:		2661	SUM:			960	SUM:			2930	SUM:			1859
	VOLUME/CAPACITY (V/C) RATIO:			0.461			1.774				0.640				1.953				1.239
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.361			1.674				0.540				1.853				1.139
	LEVEL OF SERVICE (LOS):			A			F				A				F				F

PROJECT IMPACT

Change in v/c due to project: 1.313 | Δv/c after mitigation: 0.599

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
54	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	128	1	128	9	137	137	7	137	1	137	9	146	1	146	0	146	1	146
	Left-Through		0							0				0				0	
	Through	966	3	254	54	1020	267	535	1513	3	401	54	1567	3	414	-45	1522	3	414
	Through-Right		1							1				1				1	
	Right	48	0	48	0	48	48	41	90	0	90	0	90	0	90	45	135	0	135
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	46	1	46	59	105	105	0	47	1	47	59	106	1	106	0	106	1	106
	Left-Through		0							0				0				0	
	Through	324	1	202	127	451	391	6	334	1	211	128	462	1	401	0	462	1	401
	Through-Right		1							1				1				1	
	Right	79	0	79	252	331	331	8	88	0	88	252	340	0	340	0	340	0	340
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	89	1	89	12	101	101	23	113	1	113	12	125	1	125	0	125	1	125
	Left-Through		0							0				0				0	
	Through	431	2	167	0	431	167	51	487	2	188	0	487	2	188	0	487	2	188
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	4	76	0	76	0	76	0	76	0	76	0	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	101	1	101	45	146	146	36	138	1	138	45	183	1	183	0	183	1	183
	Left-Through		0							0				0				0	
	Through	506	2	196	614	1120	403	82	594	2	235	614	1208	2	441	53	1261	3	420
	Through-Right		1							1				1				0	
	Right	83	0	83	5	88	88	27	111	0	111	5	116	0	116	0	116	1	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		330	North-South:		528	North-South:			448	North-South:			547	North-South:			547
		East-West:		285	East-West:		504	East-West:			348	East-West:			566	East-West:			545
		SUM:		615	SUM:		1032	SUM:			796	SUM:			1113	SUM:			1092
	VOLUME/CAPACITY (V/C) RATIO:			0.447			0.751				0.579				0.809				0.794
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.347			0.651				0.479				0.709				0.694
	LEVEL OF SERVICE (LOS):			A			B				A				C				B

PROJECT IMPACT

Change in v/c due to project: 0.230 | Δv/c after mitigation: 0.215

Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
55	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	27	1	27	5	32	32	9	36	1	36	5	41	1	41	0	41	1	41
	Left-Through		0							0				0				0	
	Through	150	2	75	234	384	173	399	551	2	219	234	785	2	315	-124	661	2	273
	Through-Right		1							1				1				1	
	Right	82	0	82	54	136	136	22	105	0	105	54	159	0	159	0	159	0	159
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	521	2	261	18	539	270	86	613	2	307	18	631	2	316	45	676	2	338
	Through-Right		0							0				0				0	
	Right	15	1	15	40	55	55	6	21	1	21	40	61	1	61	0	61	1	61
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	82	82	0	0	0	0	0	82	82	0	0	0	82	0	0
	Left-Through		0							0				0				0	
	Through	634	2	317	610	1244	622	123	765	2	383	610	1375	2	688	53	1428	2	714
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		82	North-South:		173	North-South:			219	North-South:			315	North-South:			273
		East-West:		317	East-West:		622	East-West:			383	East-West:			688	East-West:			714
		SUM:		399	SUM:		795	SUM:			602	SUM:			1003	SUM:			987
	VOLUME/CAPACITY (V/C) RATIO:			0.266			0.530				0.401				0.669				0.658
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.166			0.430				0.301				0.569				0.558
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.268 | Δv/c after mitigation: 0.257

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
56	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	35	1	35	11	46	46	0	35	1	35	11	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	119	0	158	51	170	209	0	120	0	166	51	171	0	217	0	171	0	217
	Through-Right		1							1				1				1	
	Right	39	0	0	0	39	0	7	46	0	0	0	46	0	0	0	46	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	45	1	45	62	107	107	50	96	1	96	62	158	1	158	0	158	1	158
	Left-Through		0							0				0				0	
	Through	131	2	66	303	434	217	190	323	2	162	303	626	2	313	124	750	2	375
	Through-Right		0							0				0				0	
	Right	64	1	64	345	409	409	15	80	1	80	345	425	1	425	53	478	1	478
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	507	1	269	23	530	280	95	608	1	319	23	631	1	331	45	676	1	353
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	0	30	0	30	0	30	0	30	0	30	0	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	23	1	23	0	23	23	4	27	1	27	0	27	1	27	0	27	1	27
	Left-Through		0							0				0				0	
	Through	478	1	242	336	814	410	107	591	1	299	336	927	1	467	0	927	1	467
	Through-Right		1							1				1				1	
	Right	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		203	North-South:		455	North-South:			262	North-South:			471	North-South:			524
		East-West:		292	East-West:		410	East-West:			346	East-West:			467	East-West:			467
		SUM:		495	SUM:		865	SUM:			608	SUM:			938	SUM:			991
	VOLUME/CAPACITY (V/C) RATIO:			0.347			0.607				0.427				0.658				0.695
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.247			0.507				0.327				0.558				0.595
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.231 | Δv/c after mitigation: 0.268

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	57	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	0 1	17	125	142	142	52	69	0 1	69	125	194	0 1	194	0	194	0 1	194
	Left-Through																		
	Through	75	1	31	320	395	234	133	209	1	93	320	529	1	296	0	529	1	296
	Through-Right		1							1				1				1	
	Right	1	0	31	165	166	234	0	1	0	93	165	166	0	296	0	166	0	296
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	51	1 0	51	0	51	51	38	90	1 0	90	0	90	1 0	90	45	135	1 0	135
	Left-Through		0							0				0				0	
	Through	489	1	259	91	580	305	113	608	1	319	91	699	1	364	0	699	1	364
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	5	1 0	5	0	5	5	0	5	1 0	5	0	5	1 0	5	0	5	1 0	5
	Left-Through		0							0				0				0	
	Through	464	1	264	201	665	364	114	584	1	325	201	785	1	426	0	785	1	426
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	2	66	0	66	0	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		31	North-South:		234	North-South:			93	North-South:			296	North-South:			296
		East-West:		315	East-West:		415	East-West:			415	East-West:			516	East-West:			561
		SUM:		346	SUM:		649	SUM:			508	SUM:			812	SUM:			857
VOLUME/CAPACITY (V/C) RATIO:				0.243			0.455				0.356				0.570				0.601
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.143			0.355				0.256				0.470				0.501
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.214 Δv/c after mitigation: 0.245

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	58	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	9	1 0	9	0	9	9	0	9	1 0	9	0	9	1 0	9	0	9	1 0	9
	Left-Through																		
	Through	181	1	109	0	181	109	98	281	1	159	0	281	1	159	0	281	1	159
	Through-Right		1							1				1				1	
	Right	36	0	36	0	36	36	0	36	0	36	0	36	0	36	0	36	0	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	41	1 0	41	213	254	254	8	49	1 0	49	213	262	1 0	262	0	262	1 0	262
	Left-Through		0							0				0				0	
	Through	120	1	67	208	328	269	109	230	1	133	208	438	1	335	0	438	1	335
	Through-Right		1							1				1				1	
	Right	13	0	13	197	210	210	22	35	0	35	197	232	0	232	0	232	0	232
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	4	1 0	4	0	4	4	13	17	1 0	17	0	17	1 0	17	0	17	1 0	17
	Left-Through		0							0				0				0	
	Through	114	1	58	257	371	187	100	215	1	109	257	472	1	237	0	472	1	237
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	29	1 0	29	0	29	29	0	29	1 0	29	0	29	1 0	29	0	29	1 0	29
	Left-Through		0							0				0				0	
	Through	343	1	195	5	348	197	95	442	1	254	5	447	1	257	0	447	1	257
	Through-Right		1							1				1				1	
	Right	46	0	46	0	46	46	19	66	0	66	0	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		150	North-South:		363	North-South:			208	North-South:			421	North-South:			421
		East-West:		199	East-West:		216	East-West:			271	East-West:			274	East-West:			274
		SUM:		349	SUM:		579	SUM:			479	SUM:			695	SUM:			695
VOLUME/CAPACITY (V/C) RATIO:				0.245			0.406				0.336				0.488				0.488
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.145			0.306				0.236				0.388				0.388
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.152 Δv/c after mitigation: 0.152

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	59	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	23	1 0	23	0	23	23	0	23	1 0	23	0	23	1 0	23	0	23	1 0	23
	Left-Through																		
	Through	315	1	183	3	318	184	113	432	1	247	3	435	1	249	0	435	1	249
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	11	62	0	62	0	62	0	62	0	62	0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	35	1 0	35	3	38	38	29	64	1 0	64	3	67	1 0	67	0	67	1 0	67
	Left-Through		0							0				0				0	
	Through	230	1	130	41	271	151	95	328	1	180	41	369	1	201	0	369	1	201
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	2	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	8	1 0	8	0	8	8	15	23	1 0	23	0	23	1 0	23	0	23	1 0	23
	Left-Through		0							0				0				0	
	Through	189	1	95	469	658	330	93	284	1	143	469	753	1	377	0	753	1	377
	Through-Right		1							1				1				1	
	Right	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	42	1 0	42	0	42	42	6	49	1 0	49	0	49	1 0	49	0	49	1 0	49
	Left-Through		0							0				0				0	
	Through	372	1	213	5	377	216	111	487	1	274	6	493	1	277	0	493	1	277
	Through-Right		1							1				1				1	
	Right	54	0	54	0	54	54	5	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		218	North-South:		222	North-South:			311	North-South:			316	North-South:			316
		East-West:		221	East-West:		372	East-West:			297	East-West:			426	East-West:			426
		SUM:		439	SUM:		594	SUM:			608	SUM:			742	SUM:			742
VOLUME/CAPACITY (V/C) RATIO:				0.308			0.417				0.427				0.521				0.521
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.208			0.317				0.327				0.421				0.421
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.094 Δv/c after mitigation: 0.094

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	60	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	52	1 0	52	0	52	52	0	53	1 0	53	0	53	1 0	53	0	53	1 0	53
	Left-Through																		
	Through	410	1	235	0	410	236	218	633	1	357	0	633	1	357	0	633	1	357
	Through-Right		1							1				1				1	
	Right	60	0	60	1	61	61	19	80	0	80	1	81	0	81	0	81	0	81
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	51	1 0	51	1	52	52	14	66	1 0	66	1	67	1 0	67	0	67	1 0	67
	Left-Through		0							0				0				0	
	Through	271	1	156	0	271	156	183	457	1	254	0	457	1	254	0	457	1	254
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	10	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	1 0	34	0	34	34	7	41	1 0	41	0	41	1 0	41	0	41	1 0	41
	Left-Through		0							0				0				0	
	Through	581	1	311	472	1053	547	126	714	1	377	472	1186	1	613	0	1186	1	613
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	0	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	33	1 0	33	0	33	33	0	33	1 0	33	0	33	1 0	33	0	33	1 0	33
	Left-Through		0							0				0				0	
	Through	466	1	262	5	471	265	112	584	1	326	5	589	1	328	0	589	1	328
	Through-Right		1							1				1				1	
	Right	58	0	58	0	58	58	8	67	0	67	0	67	0	67	0	67	0	67
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		286	North-South:		288	North-South:			423	North-South:			424	North-South:			424
		East-West:		344	East-West:		580	East-West:			410	East-West:			646	East-West:			646
		SUM:		630	SUM:		868	SUM:			833	SUM:			1070	SUM:			1070
VOLUME/CAPACITY (V/C) RATIO:				0.442			0.609				0.585				0.751				0.751
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.342			0.509				0.485				0.651				0.651
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.166 Δv/c after mitigation: 0.166

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	61	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
	Left-Through		1							1				1				1	
	Through	61	0	41	0	61	41	0	62	0	42	0	62	0	42	0	62	0	42
	Through-Right		1							1				1				1	
	Right	15	0	41	0	15	41	0	15	0	42	0	15	0	42	0	15	0	42
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	79	0	79	1	80	80	0	80	0	80	1	81	0	81	0	81	0	81
	Left-Through		1							1				1				1	
	Through	122	0	**140**	0	122	**141**	0	123	0	**142**	0	123	0	**142**	0	123	0	**142**
	Through-Right		1							1				1				1	
	Right	79	0	140	0	79	141	0	80	0	142	0	80	0	142	0	80	0	142
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	33	1	**33**	0	33	33	4	37	1	**37**	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	365	1	187	475	840	**425**	83	452	1	231	475	927	1	**468**	0	927	1	**468**
	Through-Right		1							1				1				1	
	Right	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	11	1	11	0	11	**11**	0	11	1	11	0	11	1	**11**	0	11	1	**11**
	Left-Through		0							0				0				0	
	Through	416	1	**232**	5	421	235	102	523	1	**286**	5	528	1	289	0	528	1	289
	Through-Right		1							1				1				1	
	Right	48	0	48	0	48	48	0	49	0	49	0	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		146	North-South:		147	North-South:			148	North-South:			148	North-South:			148
		East-West:		265	East-West:		436	East-West:			323	East-West:			479	East-West:			479
		SUM:		411	SUM:		583	SUM:			471	SUM:			627	SUM:			627
VOLUME/CAPACITY (V/C) RATIO:				0.288			0.409				0.331				0.440				0.440
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.188			0.309				0.231				0.340				0.340
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.109 — Δv/c after mitigation: 0.109

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	62	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	71	1	**71**	0	71	**71**	16	88	1	**88**	0	88	1	**88**	0	88	1	**88**
	Left-Through		0							0				0				0	
	Through	484	1	265	0	484	265	0	490	1	271	0	490	1	271	0	490	1	271
	Through-Right		1							1				1				1	
	Right	45	0	45	0	45	45	5	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	61	1	61	0	61	61	0	62	1	62	0	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	575	1	**315**	0	575	**315**	0	582	1	**319**	0	582	1	**319**	0	582	1	**319**
	Through-Right		1							1				1				1	
	Right	54	0	54	0	54	54	0	55	0	55	0	55	0	55	0	55	0	55
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	122	1	**122**	0	122	122	0	123	1	**123**	0	123	1	123	0	123	1	123
	Left-Through		0							0				0				0	
	Through	419	1	247	475	894	**484**	75	499	1	292	475	974	1	**530**	0	974	1	**530**
	Through-Right		1							1				1				1	
	Right	74	0	74	0	74	74	10	85	0	85	0	85	0	85	0	85	0	85
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	71	1	71	0	71	**71**	0	72	1	72	0	72	1	**72**	0	72	1	**72**
	Left-Through		0							0				0				0	
	Through	354	1	**197**	5	359	199	89	447	1	**243**	5	452	1	246	0	452	1	246
	Through-Right		1							1				1				1	
	Right	39	0	39	0	39	39	0	39	0	39	0	39	0	39	0	39	0	39
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		386	North-South:		386	North-South:			407	North-South:			407	North-South:			407
		East-West:		319	East-West:		555	East-West:			366	East-West:			602	East-West:			602
		SUM:		705	SUM:		941	SUM:			773	SUM:			1009	SUM:			1009
VOLUME/CAPACITY (V/C) RATIO:				0.495			0.660				0.542				0.708				0.708
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.395			0.560				0.442				0.608				0.608
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.166 — Δv/c after mitigation: 0.166

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	63	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	213	1	213	0	213	**213**	13	229	1	229	0	229	1	229	0	229	1	229
	Left-Through		0							0				0				0	
	Through	1331	2	**467**	20	1351	473	573	1920	2	**666**	20	1940	2	**673**	0	1940	2	**673**
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	8	78	0	78	0	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	84	1	**84**	0	84	84	7	92	1	**92**	0	92	1	**92**	0	92	1	**92**
	Left-Through		0							0				0				0	
	Through	577	2	289	237	814	**407**	165	749	2	375	238	987	2	494	0	987	2	494
	Through-Right		0							0				0				0	
	Right	113	1	0	0	113	0	4	118	1	0	0	118	1	0	0	118	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	123	1	123	0	123	123	4	128	1	128	0	128	1	128	0	128	1	128
	Left-Through		0							0				0				0	
	Through	431	1	**431**	0	431	**431**	12	448	1	**448**	0	448	1	**448**	0	448	1	**448**
	Through-Right		0							0				0				0	
	Right	218	1	112	0	218	112	7	228	1	114	0	228	1	114	0	228	1	114
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	135	1	**135**	0	135	**135**	66	203	1	**203**	0	203	1	**203**	0	203	1	**203**
	Left-Through		0							0				0				0	
	Through	652	2	326	0	652	326	9	669	2	335	0	669	2	335	0	669	2	335
	Through-Right		0							0				0				0	
	Right	480	1	396	16	496	412	47	533	1	441	16	549	1	457	0	549	1	457
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		551	North-South:		620	North-South:			758	North-South:			765	North-South:			765
		East-West:		566	East-West:		566	East-West:			651	East-West:			651	East-West:			651
		SUM:		1117	SUM:		1186	SUM:			1409	SUM:			1416	SUM:			1416
VOLUME/CAPACITY (V/C) RATIO:				0.812			0.863				1.025				1.030				1.030
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.712			0.763				0.925				0.930				0.930
LEVEL OF SERVICE (LOS):				C			C				E				E				E

PROJECT IMPACT

Change in v/c due to project: 0.005 — Δv/c after mitigation: 0.005

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	64	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	165	2	**63**	628	793	**272**	436	603	2	**218**	628	1231	2	**427**	-124	1107	2	**386**
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	27	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	369	1	304	0	369	304	26	399	1	321	0	399	1	321	0	399	1	321
	Through-Right		1							1				1				1	
	Right	239	0	239	0	239	239	0	242	0	242	0	242	0	242	0	242	0	242
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	1	0	98	98	98	0	0	1	0	98	98	1	98	124	222	1	222
	Left-Through		0							0				0				0	
	Through	1258	2	**419**	16	1274	**430**	95	1368	2	**456**	16	1384	2	**461**	0	1384	2	**461**
	Through-Right		1							1				1				1	
	Right	0	0	0	17	17	17	13	13	1	13	17	30	1	30	0	30	1	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		63	North-South:		272	North-South:			218	North-South:			427	North-South:			386
		East-West:		419	East-West:		430	East-West:			456	East-West:			461	East-West:			543
		SUM:		482	SUM:		702	SUM:			674	SUM:			888	SUM:			929
VOLUME/CAPACITY (V/C) RATIO:				0.321			0.468				0.490				0.646				0.676
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.221			0.368				0.390				0.546				0.576
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.156 — Δv/c after mitigation: 0.186

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	65	North-South Street:	I-110 NB Off General	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	275	1	221	16	291	229	27	305	1	274	16	321	1	282	0	321	1	282
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	166	0	221	0	166	229	75	243	0	274	0	243	0	282	0	243	0	282
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				0	
SOUTHBOUND	Left	0	1	0	588	588	376	13	13	2	7	595	608	2	272	0	608	2	272
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	164	164	376	43	43	0	43	166	209	0	272	0	209	0	272
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	383	2	192	0	383	192	69	457	2	229	0	457	2	229	0	457	2	229
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	440	2	220	98	538	269	68	513	2	257	98	611	2	306	124	735	2	368
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		221	North-South:		605	North-South:			317	North-South:			554	North-South:			554
		East-West:		220	East-West:		269	East-West:			257	East-West:			306	East-West:			368
		SUM:		441	SUM:		874	SUM:			574	SUM:			860	SUM:			922
VOLUME/CAPACITY (V/C) RATIO:				0.309			0.613				0.403				0.604				0.647
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.209			0.513				0.303				0.504				0.547
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.201 — Δv/c after mitigation: 0.244

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	66	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	28	1	28	0	28	28	0	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	129	1	129	0	129	129	0	131	1	131	0	131	1	131	0	131	1	131
	Through-Right		0							0				0				0	
	Right	32	1	12	0	32	12	0	32	1	12	0	32	1	12	0	32	1	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	49	1	49	0	49	49	0	50	1	50	0	50	1	50	0	50	1	50
	Left-Through		0							0				0				0	
	Through	138	1	87	164	302	186	142	282	1	159	164	446	1	258	0	446	1	320
	Through-Right		1							1				1				1	
	Right	36	0	36	34	70	70	0	36	0	36	34	70	0	70	124	194	0	194
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	141	1	141	0	141	141	0	143	1	143	0	143	1	143	0	143	1	143
	Left-Through		0							0				0				0	
	Through	539	1	284	0	539	284	144	690	1	359	0	690	1	359	0	690	1	359
	Through-Right		1							1				1				1	
	Right	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	40	1	40	0	40	40	0	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	347	1	191	64	411	223	68	419	1	227	64	483	1	259	0	483	1	259
	Through-Right		1							1				1				1	
	Right	34	0	34	0	34	34	0	34	0	34	0	34	0	34	0	34	0	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		178	North-South:		214	North-South:			187	North-South:			286	North-South:			348
		East-West:		332	East-West:		364	East-West:			399	East-West:			402	East-West:			402
		SUM:		510	SUM:		578	SUM:			586	SUM:			688	SUM:			750
VOLUME/CAPACITY (V/C) RATIO:				0.340			0.385				0.391				0.459				0.500
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.240			0.285				0.291				0.359				0.400
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.068 — Δv/c after mitigation: 0.109

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	67	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	302	1	171	0	302	171	151	457	1	249	0	457	1	249	0	457	1	249
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	0	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	19	1	19	0	19	19	0	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	123	1	76	85	208	134	92	216	1	126	85	301	1	183	0	301	1	183
	Through-Right		1							1				1				1	
	Right	29	0	29	30	59	59	6	35	0	35	30	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	87	1	87	0	87	87	55	143	1	143	0	143	1	143	0	143	1	143
	Left-Through		0							0				0				0	
	Through	516	1	264	0	516	264	89	611	1	312	0	611	1	312	0	611	1	312
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	30	1	30	0	30	30	0	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	369	1	195	34	403	212	62	435	1	228	34	469	1	245	0	469	1	245
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	0	20	0	20	0	20	0	20	0	20	0	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		190	North-South:		190	North-South:			268	North-South:			268	North-South:			268
		East-West:		294	East-West:		299	East-West:			371	East-West:			388	East-West:			388
		SUM:		484	SUM:		489	SUM:			639	SUM:			656	SUM:			656
VOLUME/CAPACITY (V/C) RATIO:				0.323			0.326				0.426				0.437				0.437
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.223			0.226				0.326				0.337				0.337
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.011 — Δv/c after mitigation: 0.011

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	68	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	24	1	24	0	24	24	2	26	1	26	0	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	286	1	154	3	289	156	124	413	1	218	3	416	1	219	0	416	1	219
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	24	1	24	0	24	24	0	24	1	24	0	24	1	24	0	24	1	24
	Left-Through		0							0				0				0	
	Through	261	1	143	7	268	163	88	352	1	194	7	359	1	215	0	359	1	215
	Through-Right		1							1				1				1	
	Right	24	0	24	34	58	58	12	36	0	36	34	70	0	70	0	70	0	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	66	1	66	0	66	66	6	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	552	1	291	0	552	291	82	641	1	336	0	641	1	336	0	641	1	336
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	1	30	0	30	0	30	0	30	0	30	0	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	26	1	26	0	26	26	0	26	1	26	0	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	327	1	173	0	327	173	48	379	1	199	0	379	1	199	0	379	1	199
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		178	North-South:		187	North-South:			242	North-South:			243	North-South:			243
		East-West:		317	East-West:		317	East-West:			362	East-West:			362	East-West:			362
		SUM:		495	SUM:		504	SUM:			604	SUM:			605	SUM:			605
VOLUME/CAPACITY (V/C) RATIO:				0.330			0.336				0.403				0.403				0.403
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.230			0.236				0.303				0.303				0.303
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
69	East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	42	1	42	0	42	42	0	43	1	43	0	43	1	43	0	43	1	43
	Left-Through		0							0				0				0	
	Through	466	1	271	0	466	271	213	685	1	381	0	685	1	381	0	685	1	381
	Through-Right		1							1				1				1	
	Right	75	0	75	0	75	75	0	76	0	76	0	76	0	76	0	76	0	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	1	31	0	31	31	0	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	385	1	208	0	385	208	176	566	1	300	0	566	1	300	0	566	1	300
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	4	34	0	34	0	34	0	34	0	34	0	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	74	1	74	0	74	74	22	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	450	1	245	0	450	245	60	515	1	278	0	515	1	278	0	515	1	278
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	0	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	49	1	49	0	49	49	0	50	1	50	0	50	1	50	0	50	1	50
	Left-Through		0							0				0				0	
	Through	333	1	178	0	333	178	44	381	1	202	0	381	1	202	0	381	1	202
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		302	North-South:		302	North-South:			412	North-South:			412	North-South:			412
		East-West:		294	East-West:		294	East-West:			328	East-West:			328	East-West:			328
		SUM:		596	SUM:		596	SUM:			740	SUM:			740	SUM:			740
VOLUME/CAPACITY (V/C) RATIO:				0.433			0.433				0.538				0.538				0.538
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.333			0.333				0.438				0.438				0.438
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
70	East-West Street:	Jefferson	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	1	31	0	31	31	6	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	222	2	81	408	630	217	325	550	2	214	408	958	2	350	0	958	2	350
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	70	92	0	92	0	92	0	92	0	92	0	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	415	2	208	0	415	208	173	593	2	297	0	593	2	297	0	593	2	297
	Through-Right		0							0				0				0	
	Right	328	1	328	0	328	328	58	390	1	390	0	390	1	390	0	390	1	390
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	98	1	98	41	139	139	0	99	1	99	41	140	1	140	0	140	1	140
	Left-Through		0							0				0				0	
	Through	492	2	246	10	502	251	144	642	2	321	10	652	2	326	0	652	2	326
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		81	North-South:		217	North-South:			214	North-South:			350	North-South:			350
		East-West:		426	East-West:		467	East-West:			489	East-West:			530	East-West:			530
		SUM:		507	SUM:		684	SUM:			703	SUM:			880	SUM:			880
VOLUME/CAPACITY (V/C) RATIO:				0.356			0.480				0.511				0.640				0.640
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.256			0.380				0.411				0.540				0.540
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.129 Δv/c after mitigation: 0.129

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
71	East-West Street:	Exposition	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3
	EB-- 1 WB--		0	EB-- 1 WB--		0	EB-- 1 WB--		0	EB-- 1 WB--		0	EB-- 1 WB--		0	EB-- 1 WB--		0	EB-- 1 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	169	1	169	0	169	169	0	171	1	171	0	171	1	171	0	171	1	171
	Left-Through		0							0				0				0	
	Through	1023	3	270	16	1039	274	439	1474	3	386	16	1490	3	390	0	1490	3	390
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	12	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	219	1	219	63	282	282	108	330	1	330	63	393	1	393	0	393	1	393
	Left-Through		0							0				0				0	
	Through	604	2	302	184	788	394	127	738	1	369	184	922	1	461	0	922	1	461
	Through-Right		0							1				1				1	
	Right	71	1	17	0	71	17	0	72	0	18	0	72	0	18	0	72	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	98	2	54	0	98	54	0	99	2	54	0	99	2	54	0	99	2	54
	Left-Through		0							0				0				0	
	Through	392	3	131	0	392	131	23	420	3	140	0	420	3	140	0	420	3	140
	Through-Right		0							0				0				0	
	Right	102	1	0	0	102	0	0	103	1	0	0	103	1	0	0	103	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	38	1	38	11	49	49	7	45	1	45	11	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	339	2	170	0	339	170	27	370	2	185	0	370	2	185	0	370	2	185
	Through-Right		0							0				0				0	
	Right	286	1	177	4	290	149	45	334	1	169	4	338	1	142	0	338	1	142
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		489	North-South:		563	North-South:			716	North-South:			783	North-South:			783
		East-West:		231	East-West:		224	East-West:			239	East-West:			239	East-West:			239
		SUM:		720	SUM:		787	SUM:			955	SUM:			1022	SUM:			1022
VOLUME/CAPACITY (V/C) RATIO:				0.524			0.572				0.695				0.743				0.743
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.424			0.472				0.595				0.643				0.643
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.048 Δv/c after mitigation: 0.048

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
72	East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	115	2	63	0	115	63	0	116	2	64	0	116	2	64	0	116	2	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	565	2	311	356	921	507	58	630	2	347	356	986	2	542	0	986	2	542
	Left-Through		0							0				0				0	
	Through	117	2	59	81	198	99	314	432	2	216	81	513	2	257	0	513	2	257
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	672	4	142	63	735	154	143	823	4	172	64	887	4	185	0	887	4	185
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		374	North-South:		570	North-South:			411	North-South:			606	North-South:			606
		East-West:		142	East-West:		154	East-West:			172	East-West:			185	East-West:			185
		SUM:		516	SUM:		724	SUM:			583	SUM:			791	SUM:			791
VOLUME/CAPACITY (V/C) RATIO:				0.362			0.508				0.409				0.555				0.555
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.262			0.408				0.309				0.455				0.455
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.146 Δv/c after mitigation: 0.146

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	73	North-South Street:	I-110 NB Off- Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	588	2	227	4	592	229	59	654	2	250	4	658	2	251	0	658	2	251
	Through-Right		1							1				1				1	
	Right	94	0	94	0	94	94	0	95	0	95	0	95	0	95	0	95	0	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	408	2	224	0	408	224	84	497	2	273	0	497	2	273	0	497	2	273
	Left-Through		0							0				0				0	
	Through	83	2	42	0	83	42	2	86	2	43	0	86	2	43	0	86	2	43
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	74	1	74	0	74	74	2	77	1	77	0	77	1	77	0	77	1	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	227		North-South:	229			North-South:	250			North-South:	251			North-South:	251
			East-West:	298		East-West:	298			East-West:	350			East-West:	350			East-West:	350
			SUM:	525		SUM:	527			SUM:	600			SUM:	601			SUM:	601
	VOLUME/CAPACITY (V/C) RATIO:			0.368			0.370				0.421				0.422				0.422
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.268			0.270				0.321				0.322				0.322
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

	No. of Phases			3			3				3				3				3
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0				0				0				0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?			2			2				2				2				2
	Override Capacity			0			0				0				0				0

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	74	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	14	1	14	0	14	14	0	14	1	14	0	14	1	14	0	14	1	14
	Left-Through		0							0				0				0	
	Through	315	1	158	0	315	158	151	470	1	236	0	470	1	236	0	470	1	236
	Through-Right		1							1				1				1	
	Right	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	7	1	7	0	7	7	0	7	1	7	0	7	1	7	0	7	1	7
	Left-Through		0							0				0				0	
	Through	134	1	74	85	219	117	92	228	1	121	85	313	1	164	0	313	1	164
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
	Left-Through		1							1				1				1	
	Through	65	0	110	0	65	110	2	68	0	114	0	68	0	114	0	68	0	114
	Through-Right		0							0				0				0	
	Right	21	1	14	0	21	14	0	21	1	14	0	21	1	14	0	21	1	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	10	0	15	0	10	15	2	12	0	17	0	12	0	17	0	12	0	17
	Through-Right		0							0				0				0	
	Right	5	0	0	0	5	0	0	5	0	0	0	5	0	0	0	5	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	165		North-South:	165			North-South:	243			North-South:	243			North-South:	243
			East-West:	110		East-West:	110			East-West:	114			East-West:	114			East-West:	114
			SUM:	275		SUM:	275			SUM:	357			SUM:	357			SUM:	357
	VOLUME/CAPACITY (V/C) RATIO:			0.183			0.183				0.238				0.238				0.238
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.092			0.092				0.138				0.138				0.138
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

	No. of Phases			2			2				2				2				2
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0				0				0				0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?			2			2				2				2				2
	Override Capacity			0			0				0				0				0

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	75	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	37th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	3	1	3	0	3	3	2	5	1	5	0	5	1	5	0	5	1	5
	Left-Through		0							0				0				0	
	Through	289	1	146	3	292	147	132	424	1	213	4	428	1	215	0	428	1	215
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Left-Through		0							0				0				0	
	Through	336	1	170	7	343	174	102	442	1	223	7	449	1	227	0	449	1	227
	Through-Right		1							1				1				1	
	Right	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through		0							0				0				0	
	Through	20	0	72	0	20	72	0	20	0	75	0	20	0	75	0	20	0	75
	Through-Right		0							0				0				0	
	Right	10	0	0	0	10	0	2	12	0	0	0	12	0	0	0	12	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1	0	3	0	1	3	0	1	0	3	0	1	0	3	0	1	0	3
	Through-Right		0							0				0				0	
	Right	2	0	0	0	2	0	0	2	0	0	0	2	0	0	0	2	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	173		North-South:	177			North-South:	228			North-South:	232			North-South:	232
			East-West:	72		East-West:	72			East-West:	75			East-West:	75			East-West:	75
			SUM:	245		SUM:	249			SUM:	303			SUM:	307			SUM:	307
	VOLUME/CAPACITY (V/C) RATIO:			0.163			0.166				0.202				0.205				0.205
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.082			0.083				0.102				0.105				0.105
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

	No. of Phases			2			2				2				2				2
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0				0				0				0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?			2			2				2				2				2
	Override Capacity			0			0				0				0				0

PROJECT IMPACT

Change in v/c due to project: 0.003 | Δv/c after mitigation: 0.003

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	76	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	21	2	12	0	21	12	0	21	2	12	0	21	2	12	0	21	2	12
	Left-Through		0							0				0				0	
	Through	440	2	163	8	448	166	422	867	2	306	8	875	2	309	0	875	2	309
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	70	2	39	0	70	39	28	99	2	54	0	99	2	54	0	99	2	54
	Left-Through		0							0				0				0	
	Through	525	2	180	187	712	242	105	636	2	217	187	823	2	279	0	823	2	279
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	114	1	63	0	114	63	0	115	1	63	0	115	1	63	0	115	1	63
	Left-Through		1							1				1				1	
	Through	37	0	51	0	37	51	0	37	0	51	0	37	0	51	0	37	0	51
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	98	1	54	0	98	54	0	99	1	54	0	99	1	54	0	99	1	54
	Left-Through		1							1				1				1	
	Through	10	0	184	0	10	189	0	10	0	208	0	10	0	213	0	10	0	213
	Through-Right		1							1				1				1	
	Right	174	0	174	5	179	179	22	198	0	198	5	203	0	203	0	203	0	203
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	202		North-South:	254			North-South:	360			North-South:	363			North-South:	363
			East-West:	247		East-West:	252			East-West:	271			East-West:	276			East-West:	276
			SUM:	449		SUM:	506			SUM:	631			SUM:	639			SUM:	639
	VOLUME/CAPACITY (V/C) RATIO:			0.327			0.368				0.459				0.465				0.465
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.227			0.268				0.359				0.365				0.365
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

	No. of Phases			4			4				4				4				4
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0				0				0				0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?			2			2				2				2				2
	Override Capacity			0			0				0				0				0

PROJECT IMPACT

Change in v/c due to project: 0.006 | Δv/c after mitigation: 0.006

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	77	North-South Street:	I-110 SB HOV Off Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	148	0	148	5	153	153	22	172	0	172	5	177	0	177	0	177	0	177
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	49	0	197	0	49	202	0	50	0	222	0	50	0	227	0	50	0	227
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	79	2	40	0	79	40	0	80	2	40	0	80	2	40	0	80	2	40
	Through-Right		0							0				0				0	
	Right	112	1	112	81	193	193	28	141	1	141	81	222	1	222	0	222	1	222
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	66	1	66	150	216	216	0	67	1	67	150	217	1	217	0	217	1	217
	Left-Through		0							0				0				0	
	Through	94	2	47	0	94	47	0	95	2	48	0	95	2	48	0	95	2	48
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		197	North-South:		202	North-South:			222	North-South:			227	North-South:			227
		East-West:		178	East-West:		409	East-West:			208	East-West:			439	East-West:			439
		SUM:		375	SUM:		611	SUM:			430	SUM:			666	SUM:			666
VOLUME/CAPACITY (V/C) RATIO:				0.250			0.407				0.287				0.444				0.444
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.150			0.307				0.187				0.344				0.344
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.157 | Δv/c after mitigation: 0.157

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	78	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			1			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	85	1	85	0	85	85	3	89	1	89	0	89	1	89	0	89	1	89
	Left-Through		0							0				0				0	
	Through	260	3	87	0	260	87	388	651	3	217	0	651	3	217	0	651	3	217
	Through-Right		0							0				0				0	
	Right	98	1	0	0	98	0	3	102	1	0	0	102	1	0	0	102	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	157	1	157	188	345	345	40	199	1	199	188	387	1	387	0	387	1	387
	Left-Through		0							0				0				0	
	Through	385	2	168	-2	383	167	63	453	2	151	-2	451	2	150	0	451	2	150
	Through-Right		1							1				1				1	
	Right	118	0	118	0	118	118	2	121	1	46	0	121	1	46	0	121	1	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	147	1	147	0	147	147	2	151	1	151	0	151	1	151	0	151	1	151
	Left-Through		0							0				0				0	
	Through	1181	2	433	0	1181	433	1	1196	2	439	0	1196	2	439	0	1196	2	439
	Through-Right		1							1				1				1	
	Right	119	0	119	0	119	119	2	122	0	122	0	122	0	122	0	122	0	122
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	135	1	135	0	135	135	13	150	1	150	0	150	1	150	0	150	1	150
	Left-Through		0							0				0				0	
	Through	1059	2	405	0	1059	408	1	1073	2	421	0	1073	2	424	0	1073	2	424
	Through-Right		1							1				1				1	
	Right	157	0	157	8	165	165	32	191	0	191	8	199	0	199	0	199	0	199
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		253	North-South:		432	North-South:			416	North-South:			604	North-South:			604
		East-West:		568	East-West:		568	East-West:			589	East-West:			589	East-West:			589
		SUM:		821	SUM:		1000	SUM:			1005	SUM:			1193	SUM:			1193
VOLUME/CAPACITY (V/C) RATIO:				0.597			0.727				0.731				0.868				0.868
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.497			0.627				0.631				0.768				0.768
LEVEL OF SERVICE (LOS):				A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.137 | Δv/c after mitigation: 0.137

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	79	North-South Street:	I-110 SB Ramps	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	240	1	229	0	240	229	0	243	1	235	0	243	1	235	0	243	1	235
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	446	1	229	0	446	229	11	462	1	235	0	462	1	235	0	462	1	235
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	889	2	445	10	899	450	44	944	2	472	10	954	2	477	0	954	2	477
	Through-Right		1							1				1				1	
	Right	582	0	582	188	770	770	0	589	0	589	188	777	0	777	0	777	0	777
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	242	1	242	47	289	289	0	245	1	245	47	292	1	292	0	292	1	292
	Left-Through		0							0				0				0	
	Through	963	3	321	8	971	324	36	1011	3	337	8	1019	3	340	0	1019	3	340
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		229	North-South:		229	North-South:			235	North-South:			235	North-South:			235
		East-West:		824	East-West:		1059	East-West:			834	East-West:			1069	East-West:			1069
		SUM:		1053	SUM:		1288	SUM:			1069	SUM:			1304	SUM:			1304
VOLUME/CAPACITY (V/C) RATIO:				0.702			0.859				0.713				0.869				0.869
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.602			0.759				0.613				0.769				0.769
LEVEL OF SERVICE (LOS):				B			C				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.156 | Δv/c after mitigation: 0.156

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	80	North-South Street:	I-110 NB Ramps/Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			1			1			1			1			1			1			1		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	384	1	336	8	392	340	0	389	1	389	8	397	1	397	0	397	1	397
	Left-Through		0							0				0				0	
	Through	120	0	336	0	120	340	151	272	0	442	0	272	0	442	0	272	0	442
	Through-Right		0							0				0				0	
	Right	168	0	0	0	168	0	0	170	0	0	0	170	0	0	0	170	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	15	1	15	0	15	15	0	15	1	15	0	15	1	15	0	15	1	15
	Left-Through		0							0				0				0	
	Through	6	1	6	0	6	6	92	98	1	98	0	98	1	98	0	98	1	98
	Through-Right		0							0				0				0	
	Right	106	1	92	47	153	139	0	107	1	93	47	154	1	140	0	154	1	140
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	28	1	28	0	28	28	0	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	647	2	315	0	647	315	44	699	2	334	0	699	2	334	0	699	2	334
	Through-Right		1							1				1				1	
	Right	298	0	298	0	298	298	0	302	0	302	0	302	0	302	0	302	0	302
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	58	1	58	0	58	58	0	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	693	2	245	0	693	245	36	737	2	259	0	737	2	259	0	737	2	259
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		428	North-South:		479	North-South:			540	North-South:			582	North-South:			582
		East-West:		373	East-West:		373	East-West:			393	East-West:			393	East-West:			393
		SUM:		801	SUM:		852	SUM:			933	SUM:			975	SUM:			975
VOLUME/CAPACITY (V/C) RATIO:				0.583			0.620				0.679				0.709				0.709
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.483			0.520				0.579				0.609				0.609
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.030 | Δv/c after mitigation: 0.030

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	81	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	James Wood	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	278	1	278	355	633	633	176	457	1	457	356	813	1	813	0	813	1	813
	Through-Right		0							0				0				0	
	Right	50	1	50	70	120	120	7	58	1	58	70	128	1	128	0	128	1	128
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	148	0	148	0	148	148	28	178	0	178	0	178	0	178	0	178	0	178
	Left-Through		1							1				1				1	
	Through	565	1	241	0	565	241	500	1072	1	420	0	1072	1	420	0	1072	1	420
	Through-Right		1							1				1				1	
	Right	11	0	241	0	11	241	0	11	0	420	0	11	0	420	0	11	0	420
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		278	North-South:		633	North-South:			457	North-South:			813	North-South:			813
		East-West:		241	East-West:		241	East-West:			420	East-West:			420	East-West:			420
		SUM:		519	SUM:		874	SUM:			877	SUM:			1233	SUM:			1233
VOLUME/CAPACITY (V/C) RATIO:				0.346			0.583				0.585				0.822				0.822
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.246			0.483				0.485				0.722				0.722
LEVEL OF SERVICE (LOS):				A			A				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.237 | Δv/c after mitigation: 0.237

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	82	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	63	1	63	456	519	519	78	142	1	142	456	598	1	598	0	598	1	598
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	212	0	212	93	305	305	90	305	1	305	231	536	1	414	0	536	1	414
	Left-Through		1							1				1				1	
	Through	1009	3	305	174	1183	372	754	1775	4	355	174	1949	4	414	0	1949	4	414
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		63	North-South:		519	North-South:			142	North-South:			598	North-South:			598
		East-West:		305	East-West:		372	East-West:			355	East-West:			414	East-West:			414
		SUM:		368	SUM:		891	SUM:			497	SUM:			1012	SUM:			1012
VOLUME/CAPACITY (V/C) RATIO:				0.245			0.594				0.331				0.675				0.675
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.145			0.494				0.231				0.575				0.575
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.344 | Δv/c after mitigation: 0.344

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	83	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1368	3	376	131	1499	416	649	2033	3	558	132	2165	3	598	-1421	744	3	243
	Through-Right		1							1				1				1	
	Right	136	0	136	27	163	163	61	199	0	199	27	226	0	226	0	226	0	226
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	274	1	217	413	687	346	104	381	1	381	413	794	1	515	0	794	1	515
	Left-Through		1							1				1				1	
	Through	812	3	217	231	1043	346	728	1550	3	388	231	1781	3	515	0	1781	3	515
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		376	North-South:		416	North-South:			558	North-South:			598	North-South:			243
		East-West:		217	East-West:		346	East-West:			388	East-West:			515	East-West:			515
		SUM:		593	SUM:		762	SUM:			946	SUM:			1113	SUM:			758
VOLUME/CAPACITY (V/C) RATIO:				0.395			0.508				0.631				0.742				0.505
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.295			0.408				0.531				0.642				0.405
LEVEL OF SERVICE (LOS):				A			A				A				B				A

PROJECT IMPACT

Change in v/c due to project: 0.111 | Δv/c after mitigation: -0.126

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	84	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	189	1	189	57	246	246	11	202	1	202	57	259	1	259	502	761	1	761
	Left-Through		0							0				0				0	
	Through	588	4	147	211	799	200	498	1093	4	273	211	1304	4	326	-502	802	4	201
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	632	3	211	204	836	279	585	1225	3	408	204	1429	3	476	0	1429	3	476
	Through-Right		1							1				1				1	
	Right	300	0	300	54	354	354	204	508	0	508	54	562	0	562	0	562	0	562
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		189	North-South:		246	North-South:			273	North-South:			326	North-South:			761
		East-West:		300	East-West:		354	East-West:			508	East-West:			562	East-West:			562
		SUM:		489	SUM:		600	SUM:			781	SUM:			888	SUM:			1323
VOLUME/CAPACITY (V/C) RATIO:				0.326			0.400				0.521				0.592				0.882
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.226			0.300				0.421				0.492				0.782
LEVEL OF SERVICE (LOS):				A			A				A				A				C

PROJECT IMPACT

Change in v/c due to project: 0.071 | Δv/c after mitigation: 0.361

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	85	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	531	1	287	0	531	287	128	665	1	354	0	665	1	354	0	665	1	354
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	1	44	0	44	44	4	49	1	49	0	49	1	49	0	49	1	49
	Left-Through		0							0				0				0	
	Through	310	2	155	0	310	155	88	402	1	402	0	402	1	402	0	402	1	402
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	103	1	103	0	103	103	58	162	1	162	0	162	1	162	0	162	1	162
	Left-Through		0							0				0				0	
	Through	526	3	175	262	788	263	223	755	3	252	262	1017	3	339	0	1017	3	339
	Through-Right		0							0				0				0	
	Right	37	1	37	8	45	45	63	100	1	100	8	108	1	108	0	108	1	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		331	North-South:		331	North-South:			403	North-South:			403	North-South:			403
		East-West:		175	East-West:		263	East-West:			252	East-West:			339	East-West:			339
		SUM:		506	SUM:		594	SUM:			655	SUM:			742	SUM:			742
VOLUME/CAPACITY (V/C) RATIO:				0.337			0.396				0.437				0.495				0.495
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.237			0.296				0.337				0.395				0.395
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.058 Δv/c after mitigation: 0.058

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	86	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	577	2	289	0	577	289	288	872	2	436	0	872	2	436	0	872	2	436
	Through-Right		0							0				0				0	
	Right	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	413	2	227	634	1047	576	88	506	2	278	634	1140	2	627	0	1140	2	627
	Left-Through		0							0				0				0	
	Through	539	1	345	232	771	511	152	698	1	426	232	930	1	592	0	930	1	592
	Through-Right		1							1				1				1	
	Right	151	0	151	100	251	251	1	154	0	154	100	254	0	254	0	254	0	254
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		289	North-South:		289	North-South:			436	North-South:			436	North-South:			436
		East-West:		345	East-West:		576	East-West:			426	East-West:			627	East-West:			627
		SUM:		634	SUM:		865	SUM:			862	SUM:			1063	SUM:			1063
VOLUME/CAPACITY (V/C) RATIO:				0.423			0.577				0.575				0.709				0.709
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.323			0.477				0.475				0.609				0.609
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.134 Δv/c after mitigation: 0.134

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	87	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	194	2	107	316	510	281	46	242	2	133	316	558	2	307	0	558	2	307
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	15	15	0	0	0	15	0	0	0	15	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	30	30	0	0	0	30	0	0	0	30	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	64	0	64	0	64	64	149	214	0	214	0	214	0	214	0	214	0	214
	Left-Through		1							1				1				1	
	Through	1346	4	282	754	2100	433	413	1775	4	398	754	2529	4	549	0	2529	4	549
	Through-Right		0							0				0				0	
	Right	0	0	0	125	125	125	48	48	0	48	125	173	0	173	0	173	0	173
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		107	North-South:		281	North-South:			133	North-South:			307	North-South:			307
		East-West:		282	East-West:		433	East-West:			398	East-West:			549	East-West:			549
		SUM:		389	SUM:		714	SUM:			531	SUM:			856	SUM:			856
VOLUME/CAPACITY (V/C) RATIO:				0.259			0.476				0.354				0.571				0.571
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.159			0.376				0.254				0.471				0.471
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.217 Δv/c after mitigation: 0.217

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	88	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	247	1	247	272	519	519	255	505	1	505	272	777	1	777	0	777	1	777
	Left-Through		0							0				0				0	
	Through	1391	6	232	770	2161	360	498	1906	6	318	770	2676	6	446	-1421	1255	6	209
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1041	4	260	608	1649	412	355	1409	4	352	608	2017	4	504	0	2017	4	504
	Through-Right		0							0				0				0	
	Right	196	1	196	227	423	423	20	218	1	218	227	445	1	445	1003	1448	1	1448
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		247	North-South:		519	North-South:			505	North-South:			777	North-South:			777
		East-West:		260	East-West:		423	East-West:			352	East-West:			504	East-West:			1448
		SUM:		507	SUM:		942	SUM:			857	SUM:			1281	SUM:			2225
VOLUME/CAPACITY (V/C) RATIO:				0.338			0.628				0.571				0.854				1.483
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.238			0.528				0.471				0.754				1.383
LEVEL OF SERVICE (LOS):				A			A				A				C				F

PROJECT IMPACT

Change in v/c due to project: 0.283 Δv/c after mitigation: 0.912

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	89	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		697	4	174	118	815	204	450	1155	4	**289**	118	1273	4	318	0	1273	4	318
	Through-Right			0							0				0				0	
	Right		180	1	**180**	252	432	**432**	11	193	1	193	252	445	1	**445**	0	445	1	**445**
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		81	0	81	0	81	81	60	142	0	142	0	142	0	142	0	142	0	142
	Left-Through			1							1				1				1	
	Through		1071	3	**288**	583	1654	**434**	364	1448	3	**398**	583	2031	3	**543**	1003	3034	3	**794**
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		180	North-South:		432	North-South:			289	North-South:			445	North-South:			445
			East-West:		288	East-West:		434	East-West:			398	East-West:			543	East-West:			794
			SUM:		468	SUM:		866	SUM:			687	SUM:			988	SUM:			1239
	VOLUME/CAPACITY (V/C) RATIO:				0.312			0.577				0.458				0.659				0.826
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.212			0.477				0.358				0.559				0.726
	LEVEL OF SERVICE (LOS):				A			A				A				A				C

PROJECT IMPACT

Change in v/c due to project: 0.201 — Δv/c after mitigation: 0.368

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	90	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		51	1	**51**	8	59	**59**	5	57	1	**57**	8	65	1	**65**	0	65	1	**65**
	Left-Through			0							0				0				0	
	Through		281	2	141	253	534	267	104	388	2	194	253	641	2	321	0	641	2	321
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		424	2	**212**	-2	422	**211**	202	631	2	**316**	-2	629	2	**315**	0	629	2	**315**
	Through-Right			0							0				0				0	
	Right		156	1	156	15	171	171	76	234	1	234	15	249	1	249	0	249	1	249
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		25	1	25	0	25	25	56	81	1	81	0	81	1	81	0	81	1	81
	Left-Through			0							0				0				0	
	Through		654	2	**244**	0	654	**244**	334	996	2	**363**	0	996	2	**363**	0	996	2	**363**
	Through-Right			1							1				1				1	
	Right		79	0	79	0	79	79	13	93	0	93	0	93	0	93	0	93	0	93
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		263	North-South:		270	North-South:			373	North-South:			380	North-South:			380
			East-West:		244	East-West:		244	East-West:			363	East-West:			363	East-West:			363
			SUM:		507	SUM:		514	SUM:			736	SUM:			743	SUM:			743
	VOLUME/CAPACITY (V/C) RATIO:				0.338			0.343				0.491				0.495				0.495
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.238			0.243				0.391				0.395				0.395
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.004 — Δv/c after mitigation: 0.004

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	91	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		62	1	62	0	62	62	44	107	1	**107**	0	107	1	**107**	0	107	1	**107**
	Left-Through			0							0				0				0	
	Through		576	2	**288**	0	576	**288**	142	725	2	363	0	725	2	363	0	725	2	363
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		328	1	199	0	328	199	91	423	0	**540**	0	423	0	**540**	0	423	0	**540**
	Through-Right			1							1				1				1	
	Right		69	1	69	0	69	69	47	117	0	0	0	117	0	0	0	117	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		27	0	27	0	27	27	0	27	0	27	0	27	0	27	0	27	0	27
	Left-Through			1							1				1				1	
	Through		633	2	**191**	0	633	**191**	311	952	2	**273**	0	952	2	**273**	0	952	2	**273**
	Through-Right			1							1				1				1	
	Right		105	0	191	0	105	191	7	113	0	273	0	113	0	273	0	113	0	273
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		288	North-South:		288	North-South:			647	North-South:			647	North-South:			647
			East-West:		191	East-West:		191	East-West:			273	East-West:			273	East-West:			273
			SUM:		479	SUM:		479	SUM:			920	SUM:			920	SUM:			920
	VOLUME/CAPACITY (V/C) RATIO:				0.336			0.336				0.646				0.646				0.646
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.236			0.236				0.546				0.546				0.546
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	92	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		41	1	**41**	0	41	**41**	0	41	1	**41**	0	41	1	**41**	0	41	1	**41**
	Left-Through			0							0				0				0	
	Through		77	1	77	36	113	113	17	95	1	95	36	131	1	131	0	131	1	131
	Through-Right			0							0				0				0	
	Right		36	1	2	64	100	66	0	36	1	0	64	100	1	63	0	100	1	63
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		18	1	18	0	18	18	0	18	1	18	0	18	1	18	0	18	1	18
	Left-Through			0							0				0				0	
	Through		201	1	**201**	0	201	**201**	40	243	1	**243**	0	243	1	**243**	0	243	1	**243**
	Through-Right			0							0				0				0	
	Right		29	1	14	0	29	14	17	46	1	7	0	46	1	7	0	46	1	7
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		30	1	30	0	30	30	48	78	1	78	0	78	1	**78**	0	78	1	**78**
	Left-Through			0							0				0				0	
	Through		476	2	**238**	1	477	**239**	148	630	2	**315**	1	631	2	316	0	631	2	316
	Through-Right			0							0				0				0	
	Right		102	1	82	0	102	82	42	145	1	125	0	145	1	125	0	145	1	125
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		69	1	**69**	0	69	**69**	5	75	1	**75**	0	75	1	75	0	75	1	75
	Left-Through			0							0				0				0	
	Through		416	2	208	86	502	251	201	622	2	311	86	708	2	**354**	0	708	2	**354**
	Through-Right			0							0				0				0	
	Right		27	1	18	0	27	18	33	60	1	51	0	60	1	51	0	60	1	51
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		242	North-South:		242	North-South:			284	North-South:			284	North-South:			284
			East-West:		307	East-West:		308	East-West:			390	East-West:			432	East-West:			432
			SUM:		549	SUM:		550	SUM:			674	SUM:			716	SUM:			716
	VOLUME/CAPACITY (V/C) RATIO:				0.366			0.367				0.449				0.477				0.477
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.296			0.297				0.349				0.377				0.377
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.028 — Δv/c after mitigation: 0.028

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	93	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	95	0	95	77	172	172	77	173	0	173	77	250	0	250	0	250	0	250
	Left-Through		1							1				1				1	
	Through	1404	3	310	1534	2938	651	437	1858	3	417	1534	3392	3	758	-500	2892	3	658
	Through-Right		1							1				1				1	
	Right	53	0	310	94	147	651	0	54	0	417	94	148	0	758	0	148	0	658
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	293	2	161	64	357	196	158	455	2	250	64	519	2	285	0	519	2	285
	Left-Through		0							0				0				0	
	Through	372	2	186	1	373	187	105	481	2	241	2	483	2	242	0	483	2	242
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	188	2	94	9	197	99	125	315	2	158	9	324	2	162	0	324	2	162
	Through-Right		0							0				0				0	
	Right	141	1	141	125	266	266	0	143	1	143	125	268	1	268	0	268	1	268
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		310	North-South:		651	North-South:			417	North-South:			758	North-South:			658
		East-West:		302	East-West:		462	East-West:			408	East-West:			553	East-West:			553
		SUM:		612	SUM:		1113	SUM:			825	SUM:			1311	SUM:			1211
VOLUME/CAPACITY (V/C) RATIO:				0.429			0.781				0.579				0.920				0.850
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.359			0.711				0.479				0.820				0.750
LEVEL OF SERVICE (LOS):				A			C				A				D				C

PROJECT IMPACT

Change in v/c due to project: 0.341 — Δv/c after mitigation: 0.271

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	94	North-South Street:	Lucas	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	8	0	8	0	8	8	8	16	0	16	0	16	0	16	0	16	0	16
	Left-Through		0							0				0				0	
	Through	91	0	107	57	148	164	127	219	0	300	57	276	0	357	0	276	0	357
	Through-Right		0							0				0				0	
	Right	8	0	0	0	8	0	57	65	0	0	0	65	0	0	0	65	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	16	0	16	3	19	19	54	70	0	70	3	73	0	73	0	73	0	73
	Left-Through		0							0				0				0	
	Through	95	0	196	0	95	199	117	213	0	373	0	213	0	376	0	213	0	376
	Through-Right		0							0				0				0	
	Right	85	0	0	0	85	0	4	90	0	0	0	90	0	0	0	90	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	94	1	94	0	94	94	6	101	1	101	0	101	1	101	0	101	1	101
	Left-Through		0							0				0				0	
	Through	478	1	247	0	478	247	330	814	1	419	0	814	1	419	0	814	1	419
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	9	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	1	14	0	14	14	5	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	386	1	200	42	428	221	213	604	1	335	42	646	1	356	0	646	1	356
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	51	65	0	65	0	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		204	North-South:		207	North-South:			389	North-South:			430	North-South:			430
		East-West:		294	East-West:		315	East-West:			438	East-West:			457	East-West:			457
		SUM:		498	SUM:		522	SUM:			827	SUM:			887	SUM:			887
VOLUME/CAPACITY (V/C) RATIO:				0.332			0.348				0.551				0.591				0.591
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.262			0.278				0.451				0.491				0.491
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.040 — Δv/c after mitigation: 0.040

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	95	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	34	1	34	0	34	34	4	38	1	38	0	38	1	38	0	38	1	38
	Left-Through		0							0				0				0	
	Through	73	0	101	0	73	137	13	87	0	139	0	87	0	175	0	87	0	175
	Through-Right		1							1				1				1	
	Right	28	0	0	36	64	0	24	52	0	0	36	88	0	0	0	88	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	34	1	34	0	34	34	6	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	98	0	112	0	98	112	20	119	0	154	0	119	0	154	0	119	0	154
	Through-Right		1							1				1				1	
	Right	14	0	0	0	14	0	21	35	0	0	0	35	0	0	0	35	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	17	1	17	0	17	17	13	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	408	1	250	3	411	251	419	832	1	465	3	835	1	466	0	835	1	466
	Through-Right		1							1				1				1	
	Right	91	0	91	0	91	91	5	97	0	97	0	97	0	97	0	97	0	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	58	1	58	0	58	58	16	75	1	75	0	75	1	75	0	75	1	75
	Left-Through		0							0				0				0	
	Through	393	1	219	42	435	240	313	711	1	381	42	753	1	402	0	753	1	402
	Through-Right		1							1				1				1	
	Right	44	0	44	0	44	44	5	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		146	North-South:		171	North-South:			192	North-South:			215	North-South:			215
		East-West:		308	East-West:		309	East-West:			540	East-West:			541	East-West:			541
		SUM:		454	SUM:		480	SUM:			732	SUM:			756	SUM:			756
VOLUME/CAPACITY (V/C) RATIO:				0.303			0.320				0.488				0.504				0.504
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.233			0.250				0.388				0.404				0.404
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.016 — Δv/c after mitigation: 0.016

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	96	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1737	5	290	1458	3195	533	547	2305	5	384	1458	3763	5	627	-500	3263	5	544
	Through-Right		1							1				1				1	
	Right	117	1	117	264	381	381	48	166	1	166	265	431	1	431	0	431	1	431
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	166	1	166	0	166	166	146	314	1	314	0	314	1	314	0	314	1	314
	Left-Through		1							1				1				1	
	Through	935	4	187	25	960	192	639	1585	4	317	25	1610	4	322	0	1610	4	322
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		290	North-South:		533	North-South:			384	North-South:			627	North-South:			544
		East-West:		187	East-West:		192	East-West:			317	East-West:			322	East-West:			322
		SUM:		477	SUM:		725	SUM:			701	SUM:			949	SUM:			866
VOLUME/CAPACITY (V/C) RATIO:				0.318			0.483				0.467				0.633				0.577
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.248			0.413				0.367				0.533				0.477
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.166 — Δv/c after mitigation: 0.110

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
97	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	234	2	129	2	236	130	2	239	2	131	2	241	2	133	0	241	2	133
	Left-Through		0							0				0				0	
	Through	473	4	118	17	490	123	313	792	4	198	17	809	4	202	0	809	4	202
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	782	3	207	300	1082	271	377	1168	3	347	301	1469	3	405	0	1469	3	405
	Through-Right		1							1				1				1	
	Right	255	1	0	-11	244	244	310	568	1	0	-11	557	1	0	0	557	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	129		North-South:	130		North-South:		198		North-South:		202		North-South:		202
			East-West:	207		East-West:	271		East-West:		347		East-West:		405		East-West:		405
			SUM:	336		SUM:	401		SUM:		545		SUM:		607		SUM:		607
	VOLUME/CAPACITY (V/C) RATIO:			0.224			0.267				0.363				0.405				0.405
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.154			0.197				0.263				0.305				0.305
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.042 | Δv/c after mitigation: 0.042

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
98	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	78	0	78	0	78	78	11	90	0	90	0	90	0	90	0	90	0	90
	Left-Through		1							1				1				1	
	Through	400	3	120	4	404	121	233	638	3	182	4	642	3	183	0	642	3	183
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	838	4	190	539	1377	298	349	1197	4	271	539	1736	4	379	0	1736	4	379
	Through-Right		1							1				1				1	
	Right	114	0	114	0	114	114	42	157	0	157	0	157	0	157	0	157	0	157
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	120		North-South:	121		North-South:		182		North-South:		183		North-South:		183
			East-West:	190		East-West:	298		East-West:		271		East-West:		379		East-West:		379
			SUM:	310		SUM:	419		SUM:		453		SUM:		562		SUM:		562
	VOLUME/CAPACITY (V/C) RATIO:			0.207			0.279				0.302				0.375				0.375
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.137			0.209				0.202				0.275				0.275
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.073 | Δv/c after mitigation: 0.073

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
99	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	400	1	235	227	627	361	133	538	1	304	227	765	1	430	0	765	1	430
	Through-Right		1							1				1				1	
	Right	69	0	69	25	94	94	0	70	0	70	25	95	0	95	0	95	0	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	66	1	66	9	75	75	22	89	1	89	9	98	1	98	0	98	1	98
	Left-Through		0							0				0				0	
	Through	440	3	147	15	455	152	257	702	3	234	15	717	3	239	0	717	3	239
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through		1							1				1				1	
	Through	648	2	193	440	1088	303	296	952	2	281	440	1392	2	391	0	1392	2	391
	Through-Right		1							1				1				1	
	Right	86	0	193	0	86	303	48	135	0	281	0	135	0	391	0	135	0	391
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	301		North-South:	436		North-South:		393		North-South:		528		North-South:		528
			East-West:	193		East-West:	303		East-West:		281		East-West:		391		East-West:		391
			SUM:	494		SUM:	739		SUM:		674		SUM:		919		SUM:		919
	VOLUME/CAPACITY (V/C) RATIO:			0.329			0.493				0.449				0.613				0.613
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.259			0.423				0.349				0.513				0.513
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.164 | Δv/c after mitigation: 0.164

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
100	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	121	0	121	0	121	121	31	153	0	153	0	153	0	153	0	153	0	153
	Left-Through		1							1				1				1	
	Through	474	4	119	10	484	121	480	960	2	371	10	970	2	374	0	970	2	374
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	614	3	187	294	908	260	281	902	3	264	295	1197	3	338	0	1197	3	338
	Through-Right		1							1				1				1	
	Right	132	0	132	0	132	132	21	155	0	155	0	155	0	155	0	155	0	155
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	121		North-South:	121		North-South:		371		North-South:		374		North-South:		374
			East-West:	187		East-West:	260		East-West:		264		East-West:		338		East-West:		338
			SUM:	308		SUM:	381		SUM:		635		SUM:		712		SUM:		712
	VOLUME/CAPACITY (V/C) RATIO:			0.205			0.254				0.423				0.475				0.475
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.135			0.184				0.323				0.375				0.375
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.052 | Δv/c after mitigation: 0.052

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	101	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	667	4	167	260	927	232	385	1060	4	265	260	1320	4	330	0	1320	4	330
	Through-Right		0							0				0				0	
	Right	98	1	98	0	98	98	22	121	1	121	0	121	1	121	0	121	1	121
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	206	0	206	279	485	485	122	330	0	330	279	609	0	609	0	609	0	609
	Left-Through		1							1				1				1	
	Through	496	3	165	15	511	170	190	692	3	231	15	707	3	236	0	707	3	236
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		167	North-South:		232	North-South:			265	North-South:			330	North-South:			330
		East-West:		206	East-West:		485	East-West:			330	East-West:			609	East-West:			609
		SUM:		373	SUM:		717	SUM:			595	SUM:			939	SUM:			939
VOLUME/CAPACITY (V/C) RATIO:				0.249			0.478				0.397				0.626				0.626
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.179			0.408				0.297				0.526				0.526
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.229 Δv/c after mitigation: 0.229

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	102	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	530	3	186	648	1178	412	357	893	3	313	648	1541	3	539	0	1541	3	539
	Left-Through		0							0				0				0	
	Through	993	4	248	810	1803	451	341	1346	4	337	810	2156	4	539	-500	1656	4	414
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	889	5	155	806	1695	335	385	1285	5	214	806	2091	5	395	0	2091	5	418
	Through-Right		1							1				1				1	
	Right	195	1	0	457	652	0	19	216	1	0	457	673	1	0	299	972	1	535
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		248	North-South:		451	North-South:			337	North-South:			539	North-South:			539
		East-West:		155	East-West:		335	East-West:			214	East-West:			395	East-West:			535
		SUM:		403	SUM:		786	SUM:			551	SUM:			934	SUM:			1074
VOLUME/CAPACITY (V/C) RATIO:				0.269			0.524				0.367				0.623				0.716
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.199			0.454				0.267				0.523				0.616
LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.256 Δv/c after mitigation: 0.349

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	103	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	313	3	104	2	315	105	149	466	3	155	2	468	3	156	0	468	3	156
	Through-Right		0							0				0				0	
	Right	136	1	136	0	136	136	11	149	1	149	0	149	1	149	0	149	1	149
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	191	1	191	2	193	193	76	269	1	269	2	271	1	271	0	271	1	271
	Left-Through		1							1				1				1	
	Through	1091	3	233	400	1491	313	464	1568	3	329	400	1968	3	409	299	2267	3	469
	Through-Right		1							1				1				1	
	Right	74	0	74	0	74	74	3	78	0	78	0	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		136	North-South:		136	North-South:			155	North-South:			156	North-South:			156
		East-West:		233	East-West:		313	East-West:			329	East-West:			409	East-West:			469
		SUM:		369	SUM:		449	SUM:			484	SUM:			565	SUM:			625
VOLUME/CAPACITY (V/C) RATIO:				0.246			0.299				0.323				0.377				0.417
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.176			0.229				0.223				0.277				0.317
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.054 Δv/c after mitigation: 0.094

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	104	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		2	NB-- 0 SB--		2	NB-- 0 SB--		2	NB-- 0 SB--		2	NB-- 0 SB--		2	NB-- 0 SB--		2	NB-- 0 SB--		2
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	466	2	256	360	826	454	32	504	2	277	360	864	2	475	299	1163	2	640
	Left-Through		0							0				0				0	
	Through	613	3	204	317	930	310	299	919	3	306	318	1237	3	412	0	1237	3	412
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	141	2	78	0	141	78	69	212	2	117	0	212	2	117	0	212	2	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	2	0	0	0	2	0	0	2	0	0	0	2	0	0	0	2	0	0
	Left-Through		0							0				0				0	
	Through	763	3	196	42	805	207	443	1215	3	312	42	1257	3	322	0	1257	3	322
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	10	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		334	North-South:		532	North-South:			394	North-South:			592	North-South:			757
		East-West:		196	East-West:		207	East-West:			312	East-West:			322	East-West:			322
		SUM:		530	SUM:		739	SUM:			706	SUM:			914	SUM:			1079
VOLUME/CAPACITY (V/C) RATIO:				0.372			0.519				0.495				0.641				0.757
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.302			0.449				0.395				0.541				0.657
LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.146 Δv/c after mitigation: 0.262

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	105	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	74	1	**74**	26	100	**100**	1	76	1	**76**	26	102	1	**102**	0	102	1	**102**
	Left-Through		0							0				0				0	
	Through	386	2	193	290	676	**338**	132	523	2	262	290	813	2	407	0	813	2	407
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	440	2	**173**	1	441	179	260	705	2	**322**	1	706	2	**327**	0	706	2	**327**
	Through-Right		1							1				1				1	
	Right	80	0	80	15	95	95	179	260	0	260	15	275	0	275	0	275	0	275
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	41	1	41	0	41	41	18	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	668	3	**190**	0	668	223	274	950	3	**274**	0	950	3	317	0	950	3	317
	Through-Right		1							1				1				1	
	Right	92	0	92	180	272	**272**	53	146	0	146	180	326	0	**326**	0	326	0	**326**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		247	*North-South:*		338	*North-South:*			398	*North-South:*			429	*North-South:*			429
		East-West:		190	*East-West:*		272	*East-West:*			274	*East-West:*			326	*East-West:*			326
		SUM:		437	*SUM:*		610	*SUM:*			672	*SUM:*			755	*SUM:*			755
VOLUME/CAPACITY (*V/C*) RATIO:				0.291			0.407				0.448				0.503				0.503
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.221			0.337				0.348				0.403				0.403
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.055 — *Δv/c* after mitigation: 0.055

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	106	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	474	4	119	10	484	121	464	944	3	**315**	10	954	3	**318**	0	954	3	**318**
	Through-Right		1							1				1				1	
	Right	125	0	**125**	0	125	**125**	168	295	1	295	0	295	1	295	0	295	1	295
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	91	0	91	0	91	91	47	139	0	139	0	139	0	139	0	139	0	139
	Left-Through		1							1				1				1	
	Through	588	3	**170**	0	588	**170**	202	797	3	**234**	0	797	3	**234**	0	797	3	**234**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		125	*North-South:*		125	*North-South:*			315	*North-South:*			318	*North-South:*			318
		East-West:		170	*East-West:*		170	*East-West:*			234	*East-West:*			234	*East-West:*			234
		SUM:		295	*SUM:*		295	*SUM:*			549	*SUM:*			552	*SUM:*			552
VOLUME/CAPACITY (*V/C*) RATIO:				0.197			0.197				0.366				0.368				0.368
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.128			0.128				0.266				0.268				0.268
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.002 — *Δv/c* after mitigation: 0.002

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	107	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	191	1	**191**	0	191	191	49	242	1	242	0	242	1	242	0	242	1	242
	Left-Through		0							0				0				0	
	Through	604	4	151	539	1143	**286**	458	1069	4	**267**	540	1609	4	**402**	0	1609	4	**402**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	477	3	**138**	0	477	**138**	200	683	3	**194**	0	683	3	**194**	0	683	3	**194**
	Through-Right		1							1				1				1	
	Right	74	0	74	0	74	74	16	91	0	91	0	91	0	91	0	91	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		191	*North-South:*		286	*North-South:*			267	*North-South:*			402	*North-South:*			402
		East-West:		138	*East-West:*		138	*East-West:*			194	*East-West:*			194	*East-West:*			194
		SUM:		329	*SUM:*		424	*SUM:*			461	*SUM:*			596	*SUM:*			596
VOLUME/CAPACITY (*V/C*) RATIO:				0.219			0.283				0.307				0.397				0.397
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.149			0.213				0.207				0.297				0.297
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.090 — *Δv/c* after mitigation: 0.090

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	108	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	2nd	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	53	2	**29**	542	595	**327**	18	72	2	**40**	542	614	2	**338**	0	614	2	**338**
	Left-Through		0							0				0				0	
	Through	182	2	67	660	842	287	229	413	2	147	660	1073	2	367	0	1073	2	367
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	9	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	2	20	0	36	20	5	41	2	23	0	41	2	23	0	41	2	23
	Left-Through		0							0				0				0	
	Through	181	1	**179**	0	181	**179**	0	183	1	**181**	0	183	1	**181**	0	183	1	**181**
	Through-Right		1							1				1				1	
	Right	176	0	176	0	176	176	0	178	0	178	0	178	0	178	0	178	0	178
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	133	1	133	0	133	133	0	135	1	135	0	135	1	135	0	135	1	135
	Left-Through		0							0				0				0	
	Through	559	2	**280**	0	559	**280**	29	595	2	**298**	0	595	2	**298**	0	595	2	**298**
	Through-Right		0							0				0				0	
	Right	109	1	80	0	109	0	4	114	1	74	0	114	1	0	0	114	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	15	1	**15**	0	15	**15**	0	15	1	**15**	0	15	1	**15**	0	15	1	**15**
	Left-Through		0							0				0				0	
	Through	189	2	95	64	253	127	23	214	2	107	64	278	2	139	0	278	2	139
	Through-Right		0							0				0				0	
	Right	28	1	18	0	28	18	0	28	1	17	0	28	1	17	0	28	1	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		208	*North-South:*		506	*North-South:*			221	*North-South:*			519	*North-South:*			519
		East-West:		295	*East-West:*		295	*East-West:*			313	*East-West:*			313	*East-West:*			313
		SUM:		503	*SUM:*		801	*SUM:*			534	*SUM:*			832	*SUM:*			832
VOLUME/CAPACITY (*V/C*) RATIO:				0.353			0.562				0.375				0.584				0.584
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.283			0.492				0.275				0.484				0.484
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.209 — *Δv/c* after mitigation: 0.209

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
109	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	42	1	42	0	42	42	3	46	1	46	0	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	243	1	**145**	0	243	**145**	60	306	1	**188**	0	306	1	**188**	0	306	1	**188**
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	22	70	0	70	0	70	0	70	0	70	0	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	1	**29**	0	29	**29**	0	29	1	**29**	0	29	1	**29**	0	29	1	**29**
	Left-Through		0							0				0				0	
	Through	181	2	91	0	181	91	68	251	2	126	0	251	2	126	0	251	2	126
	Through-Right		0							0				0				0	
	Right	91	1	74	0	91	74	16	108	1	84	0	108	1	84	0	108	1	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	34	1	**34**	0	34	**34**	15	49	1	**49**	0	49	1	**49**	0	49	1	**49**
	Left-Through		0							0				0				0	
	Through	233	2	83	0	233	83	248	484	2	167	0	484	2	167	0	484	2	167
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	58	1	58	0	58	58	3	62	1	62	0	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	346	2	**141**	9	355	**144**	264	614	2	**231**	9	623	2	**234**	0	623	2	**234**
	Through-Right		1							1				1				1	
	Right	78	0	78	0	78	78	0	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		174	*North-South:*		174	*North-South:*			217	*North-South:*			217	*North-South:*			217
		East-West:		175	*East-West:*		178	*East-West:*			280	*East-West:*			283	*East-West:*			283
		SUM:		349	*SUM:*		352	*SUM:*			497	*SUM:*			500	*SUM:*			500
VOLUME/CAPACITY (*V/C*) RATIO:				0.233			0.235				0.331				0.333				0.333
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.163**			**0.165**				**0.231**				**0.233**				**0.233**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.002** — *Δv/c* after mitigation: **0.002**

Significant impacted? **NO** — Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
110	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0
	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	42	1	**42**	0	42	42	0	43	1	43	0	43	1	43	0	43	1	43
	Left-Through		0							0				0				0	
	Through	115	2	58	0	115	58	21	137	2	**69**	0	137	2	69	0	137	2	69
	Through-Right		1							1				1				1	
	Right	62	1	0	109	171	**105**	0	63	1	0	109	172	1	**92**	0	172	1	**92**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	49	1	49	0	49	**49**	51	101	1	**101**	0	101	1	**101**	0	101	1	**101**
	Left-Through		0							0				0				0	
	Through	118	1	**77**	0	118	77	78	197	1	116	0	197	1	116	0	197	1	116
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	76	1	76	471	547	**547**	5	82	1	82	471	553	1	**553**	0	553	1	**553**
	Left-Through		0							0				0				0	
	Through	380	2	**190**	153	533	267	280	665	2	**333**	153	818	2	409	0	818	2	409
	Through-Right		0							0				0				0	
	Right	67	1	25	0	67	25	26	94	1	51	0	94	1	51	0	94	1	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	66	1	**66**	0	66	66	13	80	1	**80**	0	80	1	80	0	80	1	80
	Left-Through		0							0				0				0	
	Through	415	2	175	9	424	**178**	265	685	2	282	9	694	2	**285**	0	694	2	**285**
	Through-Right		1							1				1				1	
	Right	110	0	110	0	110	110	50	161	0	161	0	161	0	161	0	161	0	161
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		119	*North-South:*		154	*North-South:*			170	*North-South:*			193	*North-South:*			193
		East-West:		256	*East-West:*		725	*East-West:*			413	*East-West:*			838	*East-West:*			838
		SUM:		375	*SUM:*		879	*SUM:*			583	*SUM:*			1031	*SUM:*			1031
VOLUME/CAPACITY (*V/C*) RATIO:				0.273			0.639				0.424				0.750				0.750
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.203**			**0.569**				**0.324**				**0.650**				**0.650**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**B**				**B**

PROJECT IMPACT

Change in *v/c* due to project: **0.326** — *Δv/c* after mitigation: **0.326**

Significant impacted? **NO** — Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
111	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	37	1	**37**	0	37	**37**	27	64	1	64	0	64	1	64	0	64	1	64
	Left-Through		0							0				0				0	
	Through	103	2	52	0	103	52	64	168	2	84	0	168	2	84	0	168	2	84
	Through-Right		0							0				0				0	
	Right	15	1	0	0	15	0	283	298	1	**247**	0	298	1	**270**	0	298	1	**270**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	45	1	45	0	45	45	112	158	1	**158**	0	158	1	**158**	0	158	1	**158**
	Left-Through		0							0				0				0	
	Through	349	1	**232**	2	351	**233**	108	461	1	295	2	463	1	296	0	463	1	296
	Through-Right		1							1				1				1	
	Right	114	0	114	0	114	114	13	128	0	128	0	128	0	128	0	128	0	128
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	59	1	**59**	262	321	**321**	0	60	1	**60**	262	322	1	**322**	0	322	1	**322**
	Left-Through		0							0				0				0	
	Through	317	2	132	0	317	132	294	615	2	244	0	615	2	244	0	615	2	244
	Through-Right		1							1				1				1	
	Right	80	0	80	0	80	80	36	117	0	117	0	117	0	117	0	117	0	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	80	2	44	0	80	24	12	93	2	51	0	93	2	28	0	93	2	28
	Left-Through		0							0				0				0	
	Through	441	2	**209**	9	450	225	288	734	2	**342**	9	743	2	372	0	743	2	372
	Through-Right		1							1				1				1	
	Right	186	0	186	378	564	**542**	104	292	0	292	378	670	0	**591**	0	670	0	**591**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		269	*North-South:*		270	*North-South:*			405	*North-South:*			428	*North-South:*			428
		East-West:		268	*East-West:*		863	*East-West:*			402	*East-West:*			913	*East-West:*			913
		SUM:		537	*SUM:*		1133	*SUM:*			807	*SUM:*			1341	*SUM:*			1341
VOLUME/CAPACITY (*V/C*) RATIO:				0.377			0.795				0.566				0.941				0.941
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.307**			**0.725**				**0.466**				**0.841**				**0.841**
LEVEL OF SERVICE (LOS):				**A**			**C**				**A**				**D**				**D**

PROJECT IMPACT

Change in *v/c* due to project: **0.375** — *Δv/c* after mitigation: **0.375**

Significant impacted? **YES** — Fully mitigated? **NO**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
112	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	163	2	**90**	350	513	**282**	199	364	2	**200**	350	714	2	**393**	0	714	2	**393**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	229	2	87	41	270	110	88	320	2	116	41	361	2	139	0	361	2	139
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	240	2	**92**	0	240	**92**	351	594	2	**297**	0	594	2	**297**	0	594	2	**297**
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	286	323	0	223	0	323	0	127	0	323	0	127
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	39	1	**39**	0	39	**39**	21	60	1	**60**	0	60	1	**60**	0	60	1	**60**
	Left-Through		0							0				0				0	
	Through	336	3	112	36	372	124	205	545	3	182	36	581	3	194	0	581	3	194
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		90	*North-South:*		282	*North-South:*			200	*North-South:*			393	*North-South:*			393
		East-West:		131	*East-West:*		131	*East-West:*			357	*East-West:*			357	*East-West:*			357
		SUM:		221	*SUM:*		413	*SUM:*			557	*SUM:*			750	*SUM:*			750
VOLUME/CAPACITY (*V/C*) RATIO:				0.155			0.290				0.391				0.526				0.526
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.101**			**0.220**				**0.291**				**0.426**				**0.426**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.135** — *Δv/c* after mitigation: **0.135**

Significant impacted? **NO** — Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	113	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	33	1	33	36	69	69	0	33	1	33	36	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	419	1	229	461	880	459	126	550	1	301	461	1011	1	532	0	1011	1	532
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	14	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	69	1	69	0	69	69	0	70	1	70	0	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	603	2	232	0	603	232	212	822	2	305	0	822	2	305	0	822	2	305
	Through-Right		1							1				1				1	
	Right	93	0	93	0	93	93	0	94	0	94	0	94	0	94	0	94	0	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	161	1	161	25	186	186	27	190	1	190	25	215	1	215	0	215	1	215
	Left-Through		0							0				0				0	
	Through	422	2	150	15	437	155	357	784	2	289	15	799	2	294	0	799	2	294
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	56	83	0	83	0	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	39	1	39	0	39	39	139	178	1	178	0	178	1	178	0	178	1	178
	Left-Through		0							0				0				0	
	Through	338	2	119	0	338	119	226	568	2	196	0	568	2	196	0	568	2	196
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		298	North-South:		528	North-South:			371	North-South:			602	North-South:			602
		East-West:		280	East-West:		305	East-West:			467	East-West:			472	East-West:			472
		SUM:		578	SUM:		833	SUM:			838	SUM:			1074	SUM:			1074
	VOLUME/CAPACITY (V/C) RATIO:			0.406			0.585				0.588				0.754				0.462
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.336			0.515				0.488				0.654				0.362
	LEVEL OF SERVICE (LOS):			A			A				A				B				A

	NB--	0	SB--	EB--	0	WB--
No. of Phases			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?			0			0
ATSAC-1 or ATSAC+ATCS-2?			1			1
Override Capacity			0			0

PROJECT IMPACT

Change in v/c due to project: 0.166 — Δv/c after mitigation: 0.166

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	114	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	26	0	26	0	26	26	2	28	0	28	0	28	0	28	0	28	0	28
	Left-Through		1							1				1				1	
	Through	343	3	92	10	353	95	633	980	2	336	10	990	2	339	0	990	2	339
	Through-Right		0							0				0				0	
	Right	58	1	32	0	58	32	110	169	1	143	0	169	1	143	0	169	1	143
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	26	1	26	0	26	26	0	26	1	26	0	26	1	26	0	26	1	26
	Left-Through		0							0				0				0	
	Through	441	2	158	15	456	163	298	744	2	269	15	759	2	274	0	759	2	274
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	30	62	0	62	0	62	0	62	0	62	0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	29	1	29	0	29	29	16	45	1	45	0	45	1	45	0	45	1	45
	Left-Through		0							0				0				0	
	Through	305	2	102	0	305	102	244	553	2	184	0	553	2	184	0	553	2	184
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		92	North-South:		95	North-South:			336	North-South:			339	North-South:			339
		East-West:		187	East-West:		192	East-West:			314	East-West:			319	East-West:			319
		SUM:		279	SUM:		287	SUM:			650	SUM:			658	SUM:			658
	VOLUME/CAPACITY (V/C) RATIO:			0.196			0.201				0.456				0.462				0.462
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.127			0.131				0.356				0.362				0.362
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

	NB--	0	SB--	EB--	0	WB--
No. of Phases			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?			3			3
ATSAC-1 or ATSAC+ATCS-2?			1			1
Override Capacity			0			0

PROJECT IMPACT

Change in v/c due to project: 0.006 — Δv/c after mitigation: 0.006

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	115	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	52	0	52	0	52	52	30	83	0	83	0	83	0	83	0	83	0	83
	Left-Through		1							1				1				1	
	Through	400	2	128	594	994	277	468	873	2	259	594	1467	2	408	0	1467	2	408
	Through-Right		1							1				1				1	
	Right	61	0	128	0	61	277	19	81	0	259	0	81	0	408	0	81	0	408
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	55	1	55	15	70	70	143	199	1	199	15	214	1	214	0	214	1	214
	Left-Through		0							0				0				0	
	Through	338	3	113	0	338	113	157	499	3	166	0	499	3	166	0	499	3	166
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	277	2	103	0	277	103	230	510	2	181	0	510	2	181	0	510	2	181
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	2	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		128	North-South:		277	North-South:			259	North-South:			408	North-South:			408
		East-West:		158	East-West:		173	East-West:			380	East-West:			395	East-West:			395
		SUM:		286	SUM:		450	SUM:			639	SUM:			803	SUM:			803
	VOLUME/CAPACITY (V/C) RATIO:			0.201			0.316				0.448				0.564				0.564
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.131			0.246				0.348				0.464				0.464
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

	NB--	0	SB--	EB--	0	WB--
No. of Phases			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?			0			0
ATSAC-1 or ATSAC+ATCS-2?			1			1
Override Capacity			0			0

PROJECT IMPACT

Change in v/c due to project: 0.116 — Δv/c after mitigation: 0.116

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	116	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Temple/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	57	1	57	0	57	57	0	58	1	58	0	58	1	58	0	58	1	58
	Left-Through		0							0				0				0	
	Through	144	1	144	471	615	380	75	221	1	184	471	692	1	419	0	692	1	419
	Through-Right		1							1				1				1	
	Right	144	0	115	0	144	144	0	146	0	146	0	146	0	146	0	146	0	146
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	66	1	66	0	66	66	46	113	1	113	0	113	1	113	0	113	1	113
	Left-Through		0							0				0				0	
	Through	80	1	53	0	80	53	70	151	1	89	0	151	1	89	0	151	1	89
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	113	1	113	0	113	113	26	140	1	140	0	140	1	140	0	140	1	140
	Left-Through		0							0				0				0	
	Through	262	1	155	0	262	155	78	343	1	223	0	343	1	223	0	343	1	223
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	54	102	0	102	0	102	0	102	0	102	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	58	1	58	0	58	58	4	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	382	2	191	0	382	191	45	432	2	216	0	432	2	216	0	432	2	216
	Through-Right		0							0				0				0	
	Right	93	1	60	0	93	60	27	121	1	65	0	121	1	65	0	121	1	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		210	North-South:		446	North-South:			297	North-South:			532	North-South:			532
		East-West:		304	East-West:		304	East-West:			356	East-West:			356	East-West:			356
		SUM:		514	SUM:		750	SUM:			653	SUM:			888	SUM:			888
	VOLUME/CAPACITY (V/C) RATIO:			0.361			0.526				0.458				0.623				0.623
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.291			0.456				0.358				0.523				0.523
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

	NB--	0	SB--	EB--	0	WB--
No. of Phases			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?			0			0
ATSAC-1 or ATSAC+ATCS-2?			1			2
Override Capacity			0			0

PROJECT IMPACT

Change in v/c due to project: 0.165 — Δv/c after mitigation: 0.165

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	117	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Aliso	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	398	3	133	159	557	186	410	813	3	271	159	972	3	324	0	972	3	324
	Through-Right		0							0				0				0	
	Right	171	1	**171**	451	622	**622**	202	375	1	**375**	451	826	1	**826**	0	826	1	**826**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	56	0	56	0	56	56	45	102	0	102	0	102	0	102	0	102	0	102
	Left-Through		1							1				1				1	
	Through	466	2	**174**	0	466	**174**	465	937	2	**346**	0	937	2	**346**	0	937	2	**346**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		171	*North-South:*		622	*North-South:*			375	*North-South:*			826	*North-South:*			826
		East-West:		174	*East-West:*		174	*East-West:*			346	*East-West:*			346	*East-West:*			346
		SUM:		345	*SUM:*		796	*SUM:*			721	*SUM:*			1172	*SUM:*			1172
VOLUME/CAPACITY (*V/C*) RATIO:				0.230			0.531				0.481				0.781				0.781
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.160**			**0.461**				**0.381**				**0.681**				**0.681**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**B**				**B**

PROJECT IMPACT

Change in *v/c* due to project: **0.300** | Δ*v/c* after mitigation: **0.300**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	118	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Aliso	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	117	2	**59**	0	117	**59**	5	123	2	62	0	123	2	62	0	123	2	62
	Through-Right		0							0				0				0	
	Right	13	1	13	0	13	13	65	78	1	**78**	0	78	1	**78**	0	78	1	**78**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	210	0	**210**	0	210	**210**	0	213	0	**213**	0	213	0	**213**	0	213	0	**213**
	Left-Through		1							1				1				1	
	Through	469	2	226	0	469	226	44	519	2	244	0	519	2	244	0	519	2	244
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	17	0	17	0	17	17	100	117	0	117	0	117	0	117	0	117	0	117
	Left-Through		1							1				1				1	
	Through	564	2	**158**	451	1015	**271**	495	1066	2	**327**	451	1517	2	**439**	0	1517	2	**439**
	Through-Right		1							1				1				1	
	Right	50	0	158	0	50	271	72	123	0	327	0	123	0	439	0	123	0	439
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		269	*North-South:*		269	*North-South:*			291	*North-South:*			291	*North-South:*			291
		East-West:		158	*East-West:*		271	*East-West:*			327	*East-West:*			439	*East-West:*			439
		SUM:		427	*SUM:*		540	*SUM:*			618	*SUM:*			730	*SUM:*			730
VOLUME/CAPACITY (*V/C*) RATIO:				0.285			0.360				0.412				0.487				0.487
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.215**			**0.290**				**0.312**				**0.387**				**0.387**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.075** | Δ*v/c* after mitigation: **0.075**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	119	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	I-110 On-Ramp/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	335	1	**335**	638	973	**973**	163	502	1	**502**	638	1140	1	**1140**	0	1140	1	**1140**
	Left-Through		0							0				0				0	
	Through	227	2	114	5	232	116	82	312	2	156	5	317	2	159	0	317	2	159
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	289	2	145	0	289	145	123	415	2	208	0	415	2	208	0	415	2	208
	Through-Right		0							0				0				0	
	Right	256	1	**238**	0	256	**238**	136	395	1	**395**	0	395	1	**395**	0	395	1	**395**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	18	0	**18**	0	18	**18**	26	44	0	**44**	0	44	0	**44**	0	44	0	**44**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	1	0	2	2	0	150	150	1	0	2	152	1	0	0	152	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		573	*North-South:*		1211	*North-South:*			897	*North-South:*			1535	*North-South:*			1535
		East-West:		18	*East-West:*		18	*East-West:*			44	*East-West:*			44	*East-West:*			44
		SUM:		591	*SUM:*		1229	*SUM:*			941	*SUM:*			1579	*SUM:*			1579
VOLUME/CAPACITY (*V/C*) RATIO:				0.415			0.862				0.660				1.108				1.108
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.345**			**0.792**				**0.560**				**1.008**				**1.008**
LEVEL OF SERVICE (LOS):				**A**			**C**				**A**				**F**				**F**

PROJECT IMPACT

Change in *v/c* due to project: **0.448** | Δ*v/c* after mitigation: **0.448**

Significant impacted? **YES** | Fully mitigated? **NO**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	120	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Sunset	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	115	0	115	0	115	115	0	116	0	116	0	116	0	116	0	116	0	116
	Left-Through		0							0				0				0	
	Through	86	0	**287**	0	86	**287**	51	138	0	**362**	0	138	0	**362**	0	138	0	**362**
	Through-Right		0							0				0				0	
	Right	86	0	0	0	86	0	21	108	0	0	0	108	0	0	0	108	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	0	**17**	0	17	**17**	67	84	0	**84**	0	84	0	**84**	0	84	0	**84**
	Left-Through		1							1				1				1	
	Through	117	1	67	0	117	67	87	205	1	145	0	205	1	145	0	205	1	145
	Through-Right		0							0				0				0	
	Right	22	1	0	0	22	0	9	31	1	0	0	31	1	0	0	31	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	44	1	44	0	44	44	0	45	1	45	0	45	1	45	0	45	1	45
	Left-Through		0							0				0				0	
	Through	1145	2	**474**	0	1145	**474**	112	1271	2	**517**	0	1271	2	**517**	0	1271	2	**517**
	Through-Right		1							1				1				1	
	Right	277	0	277	0	277	277	0	280	0	280	0	280	0	280	0	280	0	280
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	112	1	**112**	0	112	**112**	24	137	1	**137**	0	137	1	**137**	0	137	1	**137**
	Left-Through		0							0				0				0	
	Through	898	2	306	41	939	320	87	996	2	339	41	1037	2	353	0	1037	2	353
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	0	21	0	21	0	21	0	21	0	21	0	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		304	*North-South:*		304	*North-South:*			446	*North-South:*			446	*North-South:*			446
		East-West:		586	*East-West:*		586	*East-West:*			654	*East-West:*			654	*East-West:*			654
		SUM:		890	*SUM:*		890	*SUM:*			1100	*SUM:*			1100	*SUM:*			1100
VOLUME/CAPACITY (*V/C*) RATIO:				0.593			0.593				0.733				0.733				0.733
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.523**			**0.523**				**0.633**				**0.633**				**0.633**
LEVEL OF SERVICE (LOS):				**A**			**A**				**B**				**B**				**B**

PROJECT IMPACT

Change in *v/c* due to project: **0.000** | Δ*v/c* after mitigation: **0.000**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	121	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		1
Override Capacity		0		0

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	131	1	131	36	167	167	8	141	1	141	36	177	1	177	0	177	1	177
	Left-Through		0							0				0				0	
	Through	385	2	193	0	385	193	192	582	2	291	0	582	2	291	0	582	2	291
	Through-Right		0							0				0				0	
	Right	181	1	128	0	181	128	16	199	1	146	0	199	1	146	0	199	1	146
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	61	1	61	0	61	61	0	62	1	62	0	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	168	2	84	0	168	84	43	213	2	107	0	213	2	107	0	213	2	107
	Through-Right		0							0				0				0	
	Right	90	1	25	0	90	25	0	91	1	21	0	91	1	21	0	91	1	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	130	1	130	0	130	130	9	141	1	141	0	141	1	141	0	141	1	141
	Left-Through		0							0				0				0	
	Through	982	2	395	0	982	395	187	1181	2	464	0	1181	2	464	0	1181	2	464
	Through-Right		1							1				1				1	
	Right	204	0	204	0	204	204	5	211	0	211	0	211	0	211	0	211	0	211
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	106	1	106	0	106	106	0	107	1	107	0	107	1	107	0	107	1	107
	Left-Through		0							0				0				0	
	Through	823	2	300	5	828	302	103	936	2	361	5	941	2	362	0	941	2	362
	Through-Right		1							1				1				1	
	Right	78	0	78	0	78	78	67	146	0	146	0	146	0	146	0	146	0	146
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		254	North-South:		254	North-South:			353	North-South:			353	North-South:			353
		East-West:		501	East-West:		501	East-West:			571	East-West:			571	East-West:			571
		SUM:		755	SUM:		755	SUM:			924	SUM:			924	SUM:			924
	VOLUME/CAPACITY (V/C) RATIO:			0.549			0.549				0.672				0.672				0.672
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.479			0.479				0.572				0.572				0.572
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	122	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/17/2012
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	3	0	0	1
ATSAC-1 or ATSAC+ATCS-2?		1		2
Override Capacity		0		0

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	101	1	101	5	106	106	29	131	1	131	5	136	1	136	0	136	1	136
	Left-Through		0							0				0				0	
	Through	40	1	40	0	40	40	65	105	1	105	0	105	1	105	0	105	1	105
	Through-Right		0							0				0				0	
	Right	88	1	0	0	88	0	14	103	1	0	0	103	1	0	0	103	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	1	12	0	12	12	0	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	99	1	99	0	99	99	97	197	1	197	0	197	1	197	0	197	1	197
	Through-Right		0							0				0				0	
	Right	10	1	1	0	10	1	0	10	1	1	0	10	1	1	0	10	1	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	18	1	18	0	18	18	0	18	1	18	0	18	1	18	0	18	1	18
	Left-Through		0							0				0				0	
	Through	826	2	413	0	826	413	141	977	2	489	0	977	2	489	0	977	2	489
	Through-Right		0							0				0				0	
	Right	402	1	352	0	402	349	40	447	1	382	0	447	1	379	0	447	1	379
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	311	2	171	0	311	171	122	437	2	240	0	437	2	240	0	437	2	240
	Left-Through		0							0				0				0	
	Through	921	2	318	0	921	318	116	1048	2	360	0	1048	2	360	0	1048	2	360
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		200	North-South:		205	North-South:			328	North-South:			333	North-South:			333
		East-West:		584	East-West:		584	East-West:			729	East-West:			729	East-West:			729
		SUM:		784	SUM:		789	SUM:			1057	SUM:			1062	SUM:			1062
	VOLUME/CAPACITY (V/C) RATIO:			0.550			0.554				0.742				0.745				0.745
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.480			0.484				0.642				0.645				0.645
	LEVEL OF SERVICE (LOS):			A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.003 | Δv/c after mitigation: 0.003

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	123	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	1	0
ATSAC-1 or ATSAC+ATCS-2?		1		2
Override Capacity		0		0

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	5	1	5	0	5	5	0	5	1	5	0	5	1	5	0	5	1	5
	Left-Through		0							0				0				0	
	Through	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Through-Right		0							0				0				0	
	Right	20	1	0	0	20	0	0	20	1	0	0	20	1	0	0	20	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
	Left-Through		0							0				0				0	
	Through	77	0	129	6	83	135	358	436	0	531	6	442	0	537	0	442	0	537
	Through-Right		0							0				0				0	
	Right	42	0	0	0	42	0	42	85	0	0	0	85	0	0	0	85	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	776	2	388	0	776	388	91	876	2	438	0	876	2	438	0	876	2	438
	Through-Right		0							0				0				0	
	Right	179	1	0	0	179	0	18	199	1	0	0	199	1	0	0	199	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	184	2	101	0	184	101	13	199	2	109	0	199	2	109	0	199	2	109
	Left-Through		0							0				0				0	
	Through	1066	2	369	0	1066	369	119	1198	2	413	0	1198	2	413	0	1198	2	413
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		134	North-South:		140	North-South:			536	North-South:			542	North-South:			542
		East-West:		489	East-West:		489	East-West:			547	East-West:			547	East-West:			547
		SUM:		623	SUM:		629	SUM:			1083	SUM:			1089	SUM:			1089
	VOLUME/CAPACITY (V/C) RATIO:			0.437			0.441				0.760				0.764				0.764
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.367			0.371				0.660				0.664				0.664
	LEVEL OF SERVICE (LOS):			A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.004 | Δv/c after mitigation: 0.004

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	124	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		2
Override Capacity		0		0

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	135	1	135	0	135	135	22	159	1	159	0	159	1	159	0	159	1	159
	Left-Through		1							1				1				1	
	Through	221	1	111	159	380	190	380	604	1	283	159	763	1	336	0	763	1	336
	Through-Right		1							1				1				1	
	Right	223	0	223	0	223	223	18	244	0	244	0	244	0	244	0	244	0	244
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	61	1	61	0	61	61	0	62	1	62	0	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	735	2	368	0	735	368	91	835	2	418	0	835	2	418	0	835	2	418
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1141	1	579	0	1141	579	110	1265	1	698	0	1265	1	698	0	1265	1	698
	Through-Right		1							1				1				1	
	Right	16	0	16	0	16	16	115	131	0	131	0	131	0	131	0	131	0	131
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		223	North-South:		223	North-South:			283	North-South:			336	North-South:			336
		East-West:		640	East-West:		640	East-West:			760	East-West:			760	East-West:			760
		SUM:		863	SUM:		863	SUM:			1043	SUM:			1096	SUM:			1096
	VOLUME/CAPACITY (V/C) RATIO:			0.575			0.575				0.695				0.731				0.731
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.505			0.505				0.595				0.631				0.631
	LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.036 | Δv/c after mitigation: 0.036

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
125	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	170	1	170	0	170	170	0	172	1	172	0	172	1	172	0	172	1	172
	Left-Through		0							0				0				0	
	Through	503	2	201	0	503	201	187	696	2	266	0	696	2	266	0	696	2	266
	Through-Right		1							1				1				1	
	Right	101	0	101	0	101	101	0	102	0	102	0	102	0	102	0	102	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	94	1	94	0	94	94	9	104	1	104	0	104	1	104	0	104	1	104
	Left-Through		0							0				0				0	
	Through	707	2	274	0	707	274	246	962	2	360	0	962	2	360	0	962	2	360
	Through-Right		1							1				1				1	
	Right	116	0	116	0	116	116	0	117	0	117	0	117	0	117	0	117	0	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	54	1	54	0	54	54	0	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	585	2	293	0	585	293	109	701	2	351	0	701	2	351	0	701	2	351
	Through-Right		0							0				0				0	
	Right	330	1	160	0	330	160	0	334	1	162	0	334	1	162	0	334	1	162
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	160	1	160	0	160	160	0	162	1	162	0	162	1	162	0	162	1	162
	Left-Through		0							0				0				0	
	Through	852	2	303	0	852	303	124	986	2	348	0	986	2	348	0	986	2	348
	Through-Right		1							1				1				1	
	Right	56	0	56	0	56	56	0	57	0	57	0	57	0	57	0	57	0	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		444	North-South:		444	North-South:			532	North-South:			532	North-South:			532
		East-West:		453	East-West:		453	East-West:			513	East-West:			513	East-West:			513
		SUM:		897	SUM:		897	SUM:			1045	SUM:			1045	SUM:			1045
VOLUME/CAPACITY (V/C) RATIO:				0.652			0.652				0.760				0.760				0.760
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.582			0.582				0.660				0.660				0.660
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
126	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	5	1	5	0	5	5	148	153	1	153	0	153	1	153	0	153	1	153
	Left-Through		0							0				0				0	
	Through	139	1	79	88	227	123	277	418	1	218	88	506	1	262	0	506	1	262
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	173	1	113	0	173	113	0	175	1	130	0	175	1	130	0	175	1	130
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	30	84	0	84	0	84	0	84	0	84	0	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	45	1	45	0	45	45	24	70	1	70	0	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	111	1	59	0	111	59	95	207	1	107	0	207	1	107	0	207	1	107
	Through-Right		1							1				1				1	
	Right	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	194	1	119	0	194	119	63	259	1	152	0	259	1	152	0	259	1	152
	Through-Right		1							1				1				1	
	Right	44	0	44	0	44	44	0	45	0	45	0	45	0	45	0	45	0	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		122	North-South:		166	North-South:			283	North-South:			306	North-South:			306
		East-West:		164	East-West:		164	East-West:			222	East-West:			222	East-West:			222
		SUM:		286	SUM:		330	SUM:			505	SUM:			528	SUM:			528
VOLUME/CAPACITY (V/C) RATIO:				0.201			0.232				0.354				0.371				0.371
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.131			0.162				0.254				0.271				0.271
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.017 Δv/c after mitigation: 0.017

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
127	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	26	1	26	0	26	26	50	76	1	76	0	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	218	2	109	71	289	145	74	295	2	148	71	366	2	183	0	366	2	183
	Through-Right		0							0				0				0	
	Right	32	1	8	0	32	8	42	74	1	0	0	74	1	0	0	74	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	26	1	26	0	26	26	26	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	191	2	78	0	191	78	80	273	2	106	0	273	2	106	0	273	2	106
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	30	1	30	0	30	30	0	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	18	1	18	0	18	18	57	75	1	75	0	75	1	75	0	75	1	75
	Through-Right		1							1				1				1	
	Right	48	0	35	0	48	35	55	104	0	66	0	104	0	66	0	104	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	1	24	0	24	24	73	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	58	2	29	0	58	29	250	309	2	155	0	309	2	155	0	309	2	155
	Through-Right		0							0				0				0	
	Right	49	1	36	0	49	36	39	89	1	63	0	89	1	63	0	89	1	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		135	North-South:		171	North-South:			200	North-South:			235	North-South:			235
		East-West:		66	East-West:		66	East-West:			185	East-West:			185	East-West:			185
		SUM:		201	SUM:		237	SUM:			385	SUM:			420	SUM:			420
VOLUME/CAPACITY (V/C) RATIO:				0.141			0.166				0.270				0.295				0.295
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.092			0.108				0.170				0.195				0.195
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.025 Δv/c after mitigation: 0.025

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
128	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	9	1	9	0	9	9	0	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	539	1	291	484	1023	533	140	686	1	365	484	1170	1	607	0	1170	1	607
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	97	1	97	0	97	97	137	235	1	235	0	235	1	235	0	235	1	235
	Left-Through		0							0				0				0	
	Through	773	1	406	0	773	406	177	959	1	499	0	959	1	499	0	959	1	499
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	0	38	0	38	0	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	27	0	27	0	27	27	0	27	0	27	0	27	0	27	0	27	0	27
	Left-Through		1							1				1				1	
	Through	178	1	112	0	178	112	0	180	1	127	0	180	1	127	0	180	1	127
	Through-Right		1							1				1				1	
	Right	19	0	112	0	19	112	0	19	0	127	0	19	0	127	0	19	0	127
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
	Left-Through		1							1				1				1	
	Through	91	0	128	0	91	128	0	92	0	138	0	92	0	138	0	92	0	138
	Through-Right		1							1				1				1	
	Right	119	0	128	0	119	128	138	258	0	141	0	258	0	141	0	258	0	141
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		415	North-South:		630	North-South:			600	North-South:			842	North-South:			842
		East-West:		157	East-West:		157	East-West:			173	East-West:			173	East-West:			173
		SUM:		572	SUM:		787	SUM:			773	SUM:			1015	SUM:			1015
VOLUME/CAPACITY (V/C) RATIO:				0.381			0.525				0.515				0.677				0.677
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.311			0.455				0.415				0.577				0.577
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.162 Δv/c after mitigation: 0.162

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
129	East-West Street:	College	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--		0	NB-- 0	SB--		0	NB--	0	SB--		0	NB--	0	SB--		0	NB--	0	SB--		0
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB--	0	WB--		0	EB--	0	WB--		0	EB--	0	WB--		0
ATSAC-1 or ATSAC+ATCS-2?				1				1					2					2					2
Override Capacity				0				0					0					0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	613	1	**355**	484	1097	**597**	278	898	1	**498**	484	1382	1	**740**	0	1382	1	**740**
	Through-Right		1							1				1				1	
	Right	96	0	96	0	96	96	0	97	0	97	0	97	0	97	0	97	0	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	163	1	**163**	0	163	**163**	105	270	1	**270**	0	270	1	**270**	0	270	1	**270**
	Left-Through		0							0				0				0	
	Through	832	1	446	0	832	446	314	1156	1	609	0	1156	1	609	0	1156	1	609
	Through-Right		1							1				1				1	
	Right	60	0	60	0	60	60	0	61	0	61	0	61	0	61	0	61	0	61
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	46	0	**46**	0	46	**46**	0	47	0	**47**	0	47	0	**47**	0	47	0	**47**
	Left-Through		1							1				1				1	
	Through	117	0	92	0	117	92	0	118	0	117	0	118	0	117	0	118	0	117
	Through-Right		1							1				1				1	
	Right	21	0	92	0	21	92	0	21	0	117	0	21	0	117	0	21	0	117
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through		1							1				1				1	
	Through	147	0	**141**	0	147	**141**	0	149	0	**195**	0	149	0	**195**	0	149	0	**195**
	Through-Right		1							1				1				1	
	Right	84	0	141	0	84	141	104	189	0	195	0	189	0	195	0	189	0	195
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		518	North-South:		760	North-South:			768	North-South:			1010	North-South:			1010
		East-West:		187	East-West:		187	East-West:			242	East-West:			242	East-West:			242
		SUM:		705	SUM:		947	SUM:			1010	SUM:			1252	SUM:			1252
VOLUME/CAPACITY (V/C) RATIO:				0.470			0.631				0.673				0.835				0.835
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.400			0.561				0.573				0.735				0.735
LEVEL OF SERVICE (LOS):				A			A				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.162 | Δv/c after mitigation: 0.162

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Sunset	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
130	East-West Street:	Elysian Park	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--		0	NB-- 3	SB--		0	NB--	3	SB--		0	NB--	3	SB--		0	NB--	3	SB--		0
	EB-- 0	WB--		3	EB-- 0	WB--		3	EB--	0	WB--		3	EB--	0	WB--		3	EB--	0	WB--		3
ATSAC-1 or ATSAC+ATCS-2?				1				1					2					2					2
Override Capacity				0				0					0					0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	916	2	**458**	41	957	**479**	95	1022	2	**511**	41	1063	2	**532**	0	1063	2	**532**
	Through-Right		1							1				1				1	
	Right	97	1	0	0	97	0	0	98	1	0	0	98	1	0	0	98	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	60	1	**60**	0	60	**60**	0	61	1	**61**	0	61	1	**61**	0	61	1	**61**
	Left-Through		0							0				0				0	
	Through	645	2	323	0	645	323	112	765	2	383	0	765	2	383	0	765	2	383
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	787	2	**433**	0	787	**433**	0	796	2	**438**	0	796	2	**438**	0	796	2	**438**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	510	2	221	0	510	221	0	516	2	223	0	516	2	223	0	516	2	223
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		518	North-South:		539	North-South:			572	North-South:			593	North-South:			593
		East-West:		433	East-West:		433	East-West:			438	East-West:			438	East-West:			438
		SUM:		951	SUM:		972	SUM:			1010	SUM:			1031	SUM:			1031
VOLUME/CAPACITY (V/C) RATIO:				0.667			0.682				0.709				0.724				0.724
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.597			0.612				0.609				0.624				0.624
LEVEL OF SERVICE (LOS):				A			B				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.015 | Δv/c after mitigation: 0.015

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
131	East-West Street:	Bellevue	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--		0	NB-- 0	SB--		0	NB--	0	SB--		0	NB--	0	SB--		0	NB--	0	SB--		0
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB--	0	WB--		0	EB--	0	WB--		0	EB--	0	WB--		0
ATSAC-1 or ATSAC+ATCS-2?				1				1					2					2					2
Override Capacity				0				0					0					0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	656	2	**328**	273	929	465	119	783	2	**392**	273	1056	2	528	0	1056	2	528
	Through-Right		0							0				0				0	
	Right	230	1	150	439	669	**589**	109	342	1	255	439	781	1	**694**	0	781	1	**694**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	116	1	**116**	-2	114	**114**	0	117	1	**117**	-2	115	1	**115**	0	115	1	**115**
	Left-Through		0							0				0				0	
	Through	794	2	397	3	797	399	126	930	2	465	3	933	2	467	0	933	2	467
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	290	2	**160**	0	290	**160**	25	318	2	**175**	0	318	2	**175**	0	318	2	**175**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	133	1	75	0	133	76	0	135	1	77	0	135	1	78	0	135	1	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		444	North-South:		703	North-South:			509	North-South:			809	North-South:			809
		East-West:		160	East-West:		160	East-West:			175	East-West:			175	East-West:			175
		SUM:		604	SUM:		863	SUM:			684	SUM:			984	SUM:			984
VOLUME/CAPACITY (V/C) RATIO:				0.424			0.606				0.480				0.691				0.691
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.354			0.536				0.380				0.591				0.591
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.211 | Δv/c after mitigation: 0.211

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
132	East-West Street:	Temple	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--		0	NB-- 0	SB--		0	NB--	0	SB--		0	NB--	0	SB--		0	NB--	0	SB--		0
	EB-- 0	WB--		0	EB-- 0	WB--		0	EB--	0	WB--		0	EB--	0	WB--		0	EB--	0	WB--		0
ATSAC-1 or ATSAC+ATCS-2?				1				1					2					2					2
Override Capacity				0				0					0					0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	63	1	**63**	0	63	63	6	70	1	**70**	0	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	600	1	311	672	1272	**647**	198	805	1	414	672	1477	1	**750**	0	1477	1	**750**
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	77	1	77	0	77	**77**	2	80	1	80	0	80	1	**80**	0	80	1	**80**
	Left-Through		0							0				0				0	
	Through	566	1	**374**	3	569	376	180	753	1	**483**	3	756	1	485	0	756	1	485
	Through-Right		1							1				1				1	
	Right	182	0	182	0	182	182	29	213	0	213	0	213	0	213	0	213	0	213
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	254	1	**254**	0	254	**254**	2	259	1	**259**	0	259	1	**259**	0	259	1	**259**
	Left-Through		0							0				0				0	
	Through	293	1	196	0	293	196	57	354	1	240	0	354	1	240	0	354	1	240
	Through-Right		1							1				1				1	
	Right	98	0	98	0	98	98	26	125	0	125	0	125	0	125	0	125	0	125
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	28	1	28	0	28	28	0	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	374	1	**238**	0	374	**238**	31	410	1	**270**	0	410	1	**270**	0	410	1	**270**
	Through-Right		1							1				1				1	
	Right	101	0	101	0	101	101	28	130	0	130	0	130	0	130	0	130	0	130
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		437	North-South:		724	North-South:			553	North-South:			830	North-South:			830
		East-West:		492	East-West:		492	East-West:			529	East-West:			529	East-West:			529
		SUM:		929	SUM:		1216	SUM:			1082	SUM:			1359	SUM:			1359
VOLUME/CAPACITY (V/C) RATIO:				0.652			0.853				0.759				0.954				0.954
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.582			0.783				0.659				0.854				0.854
LEVEL OF SERVICE (LOS):				A			C				B				D				D

PROJECT IMPACT

Change in v/c due to project: 0.195 | Δv/c after mitigation: 0.195

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
133	East-West Street:	US 101 NB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		1
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	309	1	309	92	401	401	11	324	1	324	92	416	1	416	0	416	1	416
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	936	3	312	18	954	318	163	1110	3	370	18	1128	3	376	0	1128	3	376
NORTHBOUND Through-Right		0							0				1				2	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	863	2	380	0	863	380	84	957	2	448	0	957	2	448	0	957	2	448
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	278	0	278	0	278	278	107	388	0	388	0	388	0	388	0	388	0	388
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	162	1	131	0	162	131	30	194	1	154	0	194	1	154	0	194	1	154
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	99	0	131	0	99	131	14	114	0	154	0	114	0	154	0	114	0	154
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		1							1				1				1	
CRITICAL VOLUMES	North-South:		689	North-South:		781	North-South:			772	North-South:			864	North-South:			864
	East-West:		131	East-West:		131	East-West:			154	East-West:			154	East-West:			154
	SUM:		820	SUM:		912	SUM:			926	SUM:			1018	SUM:			1018
VOLUME/CAPACITY (V/C) RATIO:			0.575			0.640				0.650				0.714				0.714
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.505			0.570				0.550				0.614				0.614
LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.064 | Δv/c after mitigation: 0.064

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
134	East-West Street:	US 101 SB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		1
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	938	2	404	110	1048	441	98	1047	2	447	110	1157	2	484	0	1157	2	484
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	275	0	275	0	275	275	17	295	0	295	0	295	0	295	0	295	0	295
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	161	0	161	0	161	161	26	189	0	189	0	189	0	189	0	189	0	189
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	870	2	435	0	870	435	124	1004	2	502	0	1004	2	502	0	1004	2	502
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	251	1	251	0	251	251	106	360	1	360	0	360	1	360	0	360	1	360
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	156	1	156	0	156	156	10	168	1	168	0	168	1	168	0	168	1	168
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		565	North-South:		602	North-South:			636	North-South:			673	North-South:			673
	East-West:		251	East-West:		251	East-West:			360	East-West:			360	East-West:			360
	SUM:		816	SUM:		853	SUM:			996	SUM:			1033	SUM:			1033
VOLUME/CAPACITY (V/C) RATIO:			0.544			0.569				0.664				0.689				0.689
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.474			0.499				0.564				0.589				0.589
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.025 | Δv/c after mitigation: 0.025

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
135	East-West Street:	Beverly	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		1
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	1043	1	396	110	1153	433	107	1163	1	454	110	1273	1	490	0	1273	1	490
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	54	0	396	0	54	433	5	60	0	454	0	60	0	490	0	60	0	490
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	21	0	21	0	21	21	0	21	0	21	0	21	0	21	0	21	0	21
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	891	1	509	0	891	509	112	1014	1	570	0	1014	1	570	0	1014	1	570
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	73	1	31	0	73	31	0	74	1	31	0	74	1	31	0	74	1	31
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	85	1	85	0	85	85	0	86	1	86	0	86	1	86	0	86	1	86
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	343	2	127	0	343	127	257	604	2	214	0	604	2	214	0	604	2	214
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	38	0	38	0	38	38	0	38	0	38	0	38	0	38	0	38	0	38
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	53	1	53	0	53	53	1	55	1	55	0	55	1	55	0	55	1	55
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	368	2	143	0	368	143	270	642	2	235	0	642	2	235	0	642	2	235
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		532	North-South:		532	North-South:			593	North-South:			593	North-South:			593
	East-West:		228	East-West:		228	East-West:			321	East-West:			321	East-West:			321
	SUM:		760	SUM:		760	SUM:			914	SUM:			914	SUM:			914
VOLUME/CAPACITY (V/C) RATIO:			0.507			0.507				0.609				0.609				0.609
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.437			0.437				0.509				0.509				0.509
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
136	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1		2
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	79	1	79	0	79	79	10	90	1	90	0	90	1	90	0	90	1	90
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1195	2	423	66	1261	445	293	1502	2	528	66	1568	2	550	0	1568	2	550
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	73	0	73	0	73	73	8	82	0	82	0	82	0	82	0	82	0	82
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	90	1	90	0	90	90	0	91	1	91	0	91	1	91	0	91	1	91
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	954	2	355	0	954	355	282	1248	2	455	0	1248	2	455	0	1248	2	455
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	110	0	110	0	110	110	6	117	0	117	0	117	0	117	0	117	0	117
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	119	1	119	0	119	119	6	126	1	126	0	126	1	126	0	126	1	126
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	676	1	370	0	676	370	217	901	1	487	0	901	1	487	0	901	1	487
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	63	0	63	0	63	63	8	72	0	72	0	72	0	72	0	72	0	72
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	80	1	80	0	80	80	9	90	1	90	0	90	1	90	0	90	1	90
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	831	2	416	0	831	416	213	1054	2	527	0	1054	2	527	0	1054	2	527
WESTBOUND Through-Right		1							0				0				0	
WESTBOUND Right	88	1	43	0	88	43	0	89	1	44	0	89	1	44	0	89	1	44
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		513	North-South:		535	North-South:			619	North-South:			641	North-South:			641
	East-West:		535	East-West:		535	East-West:			653	East-West:			653	East-West:			653
	SUM:		1048	SUM:		1070	SUM:			1272	SUM:			1294	SUM:			1294
VOLUME/CAPACITY (V/C) RATIO:			0.699			0.713				0.848				0.863				0.863
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.629			0.643				0.748				0.763				0.763
LEVEL OF SERVICE (LOS):			B			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.015 | Δv/c after mitigation: 0.015

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvardo	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
137	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through		1							1				1				1	
	Through	869	1	**365**	68	937	**388**	99	978	1	**427**	68	1046	1	**450**	0	1046	1	**450**
	Through-Right		1							1				1				1	
	Right	110	0	365	0	110	388	18	129	0	427	0	129	0	450	0	129	0	450
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	27	0	**27**	0	27	**27**	0	27	0	**27**	0	27	0	**27**	0	27	0	**27**
	Left-Through		1							1				1				1	
	Through	770	1	330	0	770	348	89	868	1	389	0	868	1	389	0	868	1	389
	Through-Right		1							1				1				1	
	Right	112	0	330	0	112	348	25	138	0	389	0	138	0	389	0	138	0	389
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	95	1	**95**	0	95	**95**	3	99	1	**99**	0	99	1	**99**	0	99	1	**99**
	Left-Through		0							0				0				0	
	Through	452	1	257	0	452	257	205	662	1	363	0	662	1	363	0	662	1	363
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	52	1	52	0	52	52	12	65	1	65	0	65	1	65	0	65	1	65
	Left-Through		0							0				0				0	
	Through	469	1	**275**	0	469	**296**	201	676	1	**379**	0	676	1	**400**	0	676	1	**400**
	Through-Right		1							1				1				1	
	Right	80	0	80	42	122	122	1	82	0	82	42	124	0	124	0	124	0	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	392		*North-South:*	415		*North-South:*		454		*North-South:*		477		*North-South:*		477
			East-West:	370		*East-West:*	391		*East-West:*		478		*East-West:*		499		*East-West:*		499
			SUM:	762		*SUM:*	806		*SUM:*		932		*SUM:*		976		*SUM:*		976
	VOLUME/CAPACITY (*V/C*) RATIO:			0.508			0.537				0.654				0.685				0.685
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.438			0.467				0.554				0.585				0.585
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.031 — Δ*v/c* after mitigation: 0.031

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
138	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	86	0	**86**	0	86	**86**	16	103	0	**103**	0	103	0	103	0	103	0	103
	Left-Through		1							1				1				1	
	Through	777	1	403	60	837	423	108	894	1	542	60	954	1	**562**	0	954	1	**562**
	Through-Right		1							1				1				1	
	Right	87	0	403	0	87	423	26	114	0	542	0	114	0	562	0	114	0	562
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	101	1	101	0	101	101	0	102	1	102	0	102	1	**102**	0	102	1	**102**
	Left-Through		0							0				0				0	
	Through	886	1	**488**	0	886	**488**	99	996	1	**544**	0	996	1	544	0	996	1	544
	Through-Right		1							1				1				1	
	Right	90	0	90	0	90	90	0	91	0	91	0	91	0	91	0	91	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	150	1	150	0	150	150	0	152	1	152	0	152	1	152	0	152	1	152
	Left-Through		0							0				0				0	
	Through	780	2	**301**	3	783	**302**	78	867	2	**334**	3	870	2	**335**	0	870	2	**335**
	Through-Right		1							1				1				1	
	Right	122	0	122	0	122	122	11	134	0	134	0	134	0	134	0	134	0	134
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	177	1	**177**	3	180	**180**	23	202	1	**202**	3	205	1	**205**	0	205	1	**205**
	Left-Through		0							0				0				0	
	Through	784	2	294	58	842	315	80	873	2	324	59	932	2	346	0	932	2	346
	Through-Right		1							1				1				1	
	Right	98	0	98	6	104	104	0	99	0	99	6	105	0	105	0	105	0	105
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	574		*North-South:*	574		*North-South:*		647		*North-South:*		664		*North-South:*		664
			East-West:	478		*East-West:*	482		*East-West:*		536		*East-West:*		540		*East-West:*		540
			SUM:	1052		*SUM:*	1056		*SUM:*		1183		*SUM:*		1204		*SUM:*		1204
	VOLUME/CAPACITY (*V/C*) RATIO:			0.765			0.768				0.860				0.876				0.876
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.695			0.698				0.760				0.776				0.776
	LEVEL OF SERVICE (LOS):			B			B				C				C				C

PROJECT IMPACT

Change in *v/c* due to project: 0.016 — Δ*v/c* after mitigation: 0.016

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
139	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	36	0	**36**	0	36	**36**	5	41	0	**41**	0	41	0	**41**	0	41	0	**41**
	Left-Through		1							1				1				1	
	Through	463	0	268	15	478	275	42	511	0	297	15	526	0	304	0	526	0	304
	Through-Right		1							1				1				1	
	Right	89	1	0	0	89	0	10	100	1	0	0	100	1	0	0	100	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	53	0	53	0	53	53	11	65	0	65	0	65	0	65	0	65	0	65
	Left-Through		1							1				1				1	
	Through	495	1	**301**	0	495	**301**	29	530	1	**395**	0	530	1	**395**	0	530	1	**395**
	Through-Right		0							0				0				0	
	Right	59	1	36	0	59	36	0	60	1	37	0	60	1	37	0	60	1	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	46	1	46	0	46	46	0	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	927	2	**324**	2	929	**325**	80	1018	2	**509**	2	1020	2	**510**	0	1020	2	**510**
	Through-Right		1							0				0				0	
	Right	45	0	45	0	45	45	2	48	1	48	0	48	1	48	0	48	1	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	96	1	**96**	1	97	**97**	9	106	1	**106**	1	107	1	**107**	0	107	1	**107**
	Left-Through		0							0				0				0	
	Through	973	2	339	67	1040	361	79	1064	2	532	67	1131	2	566	0	1131	2	566
	Through-Right		1							0				0				0	
	Right	43	0	43	1	44	44	8	52	1	52	1	53	1	53	0	53	1	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	337		*North-South:*	337		*North-South:*		436		*North-South:*		436		*North-South:*		436
			East-West:	420		*East-West:*	422		*East-West:*		615		*East-West:*		617		*East-West:*		617
			SUM:	757		*SUM:*	759		*SUM:*		1051		*SUM:*		1053		*SUM:*		1053
	VOLUME/CAPACITY (*V/C*) RATIO:			0.531			0.533				0.738				0.739				0.739
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.461			0.463				0.638				0.639				0.639
	LEVEL OF SERVICE (LOS):			A			A				B				B				B

PROJECT IMPACT

Change in *v/c* due to project: 0.001 — Δ*v/c* after mitigation: 0.001

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
140	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	87	1	**87**	0	87	**87**	76	164	1	**164**	0	164	1	**164**	0	164	1	**164**
	Left-Through		0							0				0				0	
	Through	1032	2	361	60	1092	381	266	1310	2	454	60	1370	2	474	0	1370	2	474
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	96	1	96	0	96	96	4	101	1	101	0	101	1	101	0	101	1	101
	Left-Through		0							0				0				0	
	Through	922	2	**461**	0	922	**461**	234	1167	2	**584**	0	1167	2	**584**	0	1167	2	**584**
	Through-Right		0							0				0				0	
	Right	93	1	0	0	93	0	61	155	1	0	0	155	1	0	0	155	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	123	1	**123**	0	123	**123**	41	165	1	**165**	0	165	1	**165**	0	165	1	**165**
	Left-Through		0							0				0				0	
	Through	714	2	248	2	716	249	82	805	2	299	2	807	2	299	0	807	2	299
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	60	91	0	91	0	91	0	91	0	91	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	114	1	114	3	117	117	30	145	1	145	3	148	1	148	0	148	1	148
	Left-Through		0							0				0				0	
	Through	698	2	**265**	69	767	**290**	83	789	2	**297**	70	859	2	**322**	0	859	2	**322**
	Through-Right		1							1				1				1	
	Right	97	0	97	6	103	103	4	102	0	102	6	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	548		*North-South:*	548		*North-South:*		748		*North-South:*		748		*North-South:*		748
			East-West:	388		*East-West:*	413		*East-West:*		462		*East-West:*		487		*East-West:*		487
			SUM:	936		*SUM:*	961		*SUM:*		1210		*SUM:*		1235		*SUM:*		1235
	VOLUME/CAPACITY (*V/C*) RATIO:			0.681			0.699				0.880				0.898				0.898
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.611			0.629				0.780				0.798				0.798
	LEVEL OF SERVICE (LOS):			B			B				C				C				C

PROJECT IMPACT

Change in *v/c* due to project: 0.018 — Δ*v/c* after mitigation: 0.018

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	141	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	22	0	22	18	40	40	0	22	0	22	18	40	0	40	0	40	0	40
	Left-Through		1							1				1				1	
	Through	776	1	312	68	844	**359**	114	899	1	**368**	68	967	1	**415**	0	967	1	**415**
	Through-Right		1							1				1				1	
	Right	72	0	312	0	72	359	44	117	0	368	0	117	0	415	0	117	0	415
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	20	0	20	0	20	**20**	0	20	0	**20**	0	20	0	**20**	0	20	0	**20**
	Left-Through		1							1				1				1	
	Through	749	1	**311**	0	749	311	101	859	1	361	0	859	1	361	0	859	1	361
	Through-Right		1							1				1				1	
	Right	103	0	311	0	103	311	0	104	0	361	0	104	0	361	0	104	0	361
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	96	1	**96**	0	96	**96**	0	97	1	97	0	97	1	**97**	0	97	1	**97**
	Left-Through		0							0				0				0	
	Through	586	1	313	2	588	314	58	651	1	**346**	2	653	1	347	0	653	1	347
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	0	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	43	1	43	21	64	64	57	101	1	**101**	21	122	1	122	0	122	1	122
	Left-Through		0							0				0				0	
	Through	517	1	**301**	63	580	**332**	85	608	1	348	63	671	1	**380**	0	671	1	**380**
	Through-Right		1							1				1				1	
	Right	84	0	84	0	84	84	3	88	0	88	0	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		333	North-South:		379	North-South:			388	North-South:			435	North-South:			435
		East-West:		397	East-West:		428	East-West:			447	East-West:			477	East-West:			477
		SUM:		730	SUM:		807	SUM:			835	SUM:			912	SUM:			912
VOLUME/CAPACITY (V/C) RATIO:				0.487			0.538				0.557				0.608				0.608
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.417			0.468				0.457				0.508				0.508
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.051 | Δv/c after mitigation: 0.051

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	142	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	70	1	**70**	0	70	70	10	81	1	**81**	0	81	1	**81**	0	81	1	**81**
	Left-Through		0							0				0				0	
	Through	1031	1	547	60	1091	**577**	247	1290	1	677	60	1350	1	707	0	1350	1	707
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	0	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	45	1	45	0	45	**45**	9	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	967	1	**544**	3	970	545	246	1225	1	**682**	3	1228	1	**684**	0	1228	1	**684**
	Through-Right		1							1				1				1	
	Right	120	0	120	0	120	120	18	139	0	139	0	139	0	139	0	139	0	139
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	43	0	**43**	0	43	**43**	17	61	0	61	0	61	0	61	0	61	0	61
	Left-Through		1							1				1				1	
	Through	357	0	259	0	357	259	144	505	0	**416**	0	505	0	**416**	0	505	0	**416**
	Through-Right		1							1				1				1	
	Right	74	0	259	0	74	259	7	82	0	416	0	82	0	416	0	82	0	416
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	25	0	25	0	25	25	0	25	0	**25**	0	25	0	**25**	0	25	0	**25**
	Left-Through		1							1				1				1	
	Through	418	0	**259**	0	418	**259**	140	563	0	338	0	563	0	338	0	563	0	338
	Through-Right		1							1				1				1	
	Right	50	0	259	0	50	259	11	62	0	338	0	62	0	338	0	62	0	338
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		614	North-South:		622	North-South:			763	North-South:			765	North-South:			765
		East-West:		302	East-West:		302	East-West:			441	East-West:			441	East-West:			441
		SUM:		916	SUM:		924	SUM:			1204	SUM:			1206	SUM:			1206
VOLUME/CAPACITY (V/C) RATIO:				0.611			0.616				0.803				0.804				0.804
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.511			0.516				0.703				0.704				0.704
LEVEL OF SERVICE (LOS):				A			A				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.001 | Δv/c after mitigation: 0.001

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	143	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through		1							1				1				1	
	Through	814	1	**334**	37	851	**346**	154	978	1	**389**	37	1015	1	**401**	0	1015	1	**401**
	Through-Right		1							1				1				1	
	Right	99	0	334	0	99	346	0	100	0	389	0	100	0	401	0	100	0	401
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	0	**23**	0	23	**23**	0	23	0	**23**	0	23	0	**23**	0	23	0	**23**
	Left-Through		1							1				1				1	
	Through	628	1	262	21	649	269	150	786	1	334	21	807	1	341	0	807	1	341
	Through-Right		1							1				1				1	
	Right	67	0	262	0	67	269	9	77	0	334	0	77	0	341	0	77	0	341
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	1	**37**	0	37	37	3	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	215	1	215	0	215	**215**	199	417	1	**417**	0	417	1	**417**	0	417	1	**417**
	Through-Right		0							0				0				0	
	Right	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	27	1	27	127	154	**154**	0	27	1	**27**	127	154	1	**154**	0	154	1	**154**
	Left-Through		0							0				0				0	
	Through	462	1	**269**	0	462	294	164	632	1	356	0	632	1	381	0	632	1	381
	Through-Right		1							1				1				1	
	Right	75	0	75	50	125	125	3	79	0	79	50	129	0	129	0	129	0	129
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		357	North-South:		369	North-South:			412	North-South:			424	North-South:			424
		East-West:		306	East-West:		369	East-West:			444	East-West:			571	East-West:			571
		SUM:		663	SUM:		738	SUM:			856	SUM:			995	SUM:			995
VOLUME/CAPACITY (V/C) RATIO:				0.442			0.492				0.571				0.663				0.663
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.342			0.392				0.471				0.563				0.563
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.092 | Δv/c after mitigation: 0.092

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	144	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4				4				4				4				4				4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3	NB--	3	SB--	3
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	85	1	85	0	85	85	0	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	847	2	**424**	33	880	**440**	134	991	2	**496**	33	1024	2	**512**	0	1024	2	**512**
	Through-Right		0							0				0				0	
	Right	23	1	0	0	23	0	11	34	1	0	0	34	1	0	0	34	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	133	1	**133**	0	133	**133**	11	146	1	**146**	0	146	1	**146**	0	146	1	**146**
	Left-Through		0							0				0				0	
	Through	638	2	319	3	641	321	122	768	2	384	3	771	2	386	0	771	2	386
	Through-Right		0							0				0				0	
	Right	65	1	6	0	65	6	0	66	1	6	0	66	1	6	0	66	1	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	59	1	**59**	0	59	**59**	0	60	1	**60**	0	60	1	**60**	0	60	1	**60**
	Left-Through		0							0				0				0	
	Through	623	2	223	12	635	227	187	818	2	288	12	830	2	292	0	830	2	292
	Through-Right		1							1				1				1	
	Right	46	0	46	0	46	46	0	47	0	47	0	47	0	47	0	47	0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	48	1	48	14	62	62	16	65	1	65	14	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	597	2	**224**	267	864	**322**	186	790	2	**294**	268	1058	2	**392**	0	1058	2	**392**
	Through-Right		1							1				1				1	
	Right	74	0	74	27	101	101	16	91	0	91	27	118	0	118	0	118	0	118
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		557	North-South:		573	North-South:			642	North-South:			658	North-South:			658
		East-West:		283	East-West:		381	East-West:			354	East-West:			452	East-West:			452
		SUM:		840	SUM:		954	SUM:			996	SUM:			1110	SUM:			1110
VOLUME/CAPACITY (V/C) RATIO:				0.611			0.694				0.724				0.807				0.807
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.511			0.594				0.624				0.707				0.707
LEVEL OF SERVICE (LOS):				A			A				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.083 | Δv/c after mitigation: 0.083

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
145	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2		2
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	93	1	93	0	93	93	52	146	1	146	0	146	1	146	0	146	1	146
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	591	1	**354**	8	599	**358**	30	628	1	**379**	8	636	1	**383**	0	636	1	**383**
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	116	0	116	0	116	116	13	130	0	130	0	130	0	130	0	130	0	130
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	64	1	**64**	0	64	**64**	10	75	1	**75**	0	75	1	**75**	0	75	1	**75**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	576	2	288	1	577	289	31	614	2	307	1	615	2	308	0	615	2	308
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	90	1	63	0	90	63	23	114	1	70	0	114	1	70	0	114	1	70
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	55	1	**55**	0	55	**55**	32	88	1	**88**	0	88	1	**88**	0	88	1	**88**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	1062	2	375	12	1074	379	232	1307	2	482	12	1319	2	486	0	1319	2	486
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	64	0	64	0	64	64	74	139	0	139	0	139	0	139	0	139	0	139
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	64	1	64	3	67	67	24	89	1	89	3	92	1	92	0	92	1	92
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	1192	2	**423**	308	1500	**528**	201	1407	2	**501**	309	1716	2	**606**	0	1716	2	**606**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	76	0	76	7	83	83	19	96	0	96	7	103	0	103	0	103	0	103
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		418	North-South:		422	North-South:			454	North-South:			458	North-South:			458
	East-West:		478	East-West:		583	East-West:			589	East-West:			694	East-West:			694
	SUM:		896	SUM:		1005	SUM:			1043	SUM:			1152	SUM:			1152
VOLUME/CAPACITY (V/C) RATIO:			0.597			0.670				0.695				0.768				0.768
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.497			0.570				0.595				0.668				0.668
LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.073 | Δv/c after mitigation: 0.073
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
146	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	3	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2		2
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	102	1	**102**	0	102	102	33	136	1	**136**	0	136	1	**136**	0	136	1	**136**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	957	2	479	33	990	**495**	208	1177	2	589	33	1210	2	605	0	1210	2	605
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	47	1	0	0	47	0	1	49	1	0	0	49	1	0	0	49	1	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	96	1	96	0	96	**96**	13	110	1	110	0	110	1	110	0	110	1	110
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	852	1	**485**	3	855	486	222	1084	1	**609**	3	1087	1	**611**	0	1087	1	**611**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	117	0	117	0	117	117	16	134	0	134	0	134	0	134	0	134	0	134
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	141	1	141	0	141	**141**	28	171	1	171	0	171	1	**171**	0	171	1	**171**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	689	2	**345**	12	701	351	238	935	2	**468**	12	947	2	474	0	947	2	474
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	58	1	7	0	58	7	57	116	1	48	0	116	1	48	0	116	1	48
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	80	1	**80**	47	127	127	1	82	1	**82**	47	129	1	129	0	129	1	129
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	733	2	274	318	1051	**389**	193	935	2	348	318	1253	2	**463**	0	1253	2	**463**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	88	0	88	27	115	115	19	108	0	108	27	135	0	135	0	135	0	135
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		587	North-South:		591	North-South:			745	North-South:			747	North-South:			747
	East-West:		425	East-West:		530	East-West:			550	East-West:			634	East-West:			634
	SUM:		1012	SUM:		1121	SUM:			1295	SUM:			1381	SUM:			1381
VOLUME/CAPACITY (V/C) RATIO:			0.736			0.815				0.942				1.004				1.004
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.636			0.715				0.842				0.904				0.904
LEVEL OF SERVICE (LOS):			B			C				D				E				E

PROJECT IMPACT

Change in v/c due to project: 0.062 | Δv/c after mitigation: 0.062
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvardo	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
147	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	3	0	3
ATSAC-1 or ATSAC+ATCS-2?		2		2
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	94	1	94	74	168	168	0	95	1	95	74	169	1	169	0	169	1	169
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	684	1	**376**	29	713	**466**	146	838	1	**468**	29	867	1	**558**	0	867	1	**558**
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	67	0	67	151	218	218	29	97	0	97	151	248	0	248	0	248	0	248
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	101	1	**101**	0	101	**101**	5	107	1	**107**	0	107	1	**107**	0	107	1	**107**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	552	2	276	0	552	276	139	698	2	349	0	698	2	349	0	698	2	349
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	152	1	0	148	300	134	2	156	1	0	148	304	1	132	0	304	1	132
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	166	1	**166**	0	166	**166**	4	172	1	**172**	0	172	1	172	0	172	1	172
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	825	2	293	11	836	296	243	1078	2	377	11	1089	2	**381**	0	1089	2	**381**
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	53	0	53	0	53	53	0	54	0	54	0	54	0	54	0	54	0	54
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	67	1	67	97	164	164	50	118	1	118	97	215	1	**215**	0	215	1	**215**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	764	2	**281**	187	951	**346**	208	981	2	**355**	188	1169	2	421	267	1436	2	510
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	79	0	79	8	87	87	5	85	0	85	8	93	0	93	0	93	0	93
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		477	North-South:		567	North-South:			575	North-South:			665	North-South:			665
	East-West:		447	East-West:		512	East-West:			527	East-West:			596	East-West:			682
	SUM:		924	SUM:		1079	SUM:			1102	SUM:			1261	SUM:			1347
VOLUME/CAPACITY (V/C) RATIO:			0.672			0.785				0.801				0.917				0.980
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.572			0.685				0.701				0.817				0.880
LEVEL OF SERVICE (LOS):			A			B				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.116 | Δv/c after mitigation: 0.179
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Union	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
148	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2		2
Override Capacity		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	75	1	75	0	75	75	0	76	1	76	0	76	1	76	0	76	1	76
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	462	0	**495**	0	462	**495**	1	469	0	**502**	0	469	0	**502**	0	469	0	**502**
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	33	0	0	0	33	0	0	33	0	0	0	33	0	0	0	33	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	84	1	**84**	0	84	**84**	0	85	1	**85**	0	85	1	**85**	0	85	1	**85**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	404	1	404	0	404	404	1	410	1	410	0	410	1	410	0	410	1	410
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	97	1	61	0	97	61	0	98	1	62	0	98	1	62	0	98	1	62
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	72	1	**72**	0	72	72	0	73	1	**73**	0	73	1	73	0	73	1	73
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	737	2	260	162	899	**314**	277	1023	2	355	162	1185	2	**409**	0	1185	2	**409**
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	34	1	34	104	138	**138**	0	34	1	34	114	148	1	**148**	181	329	1	**329**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	679	2	**247**	292	971	344	263	950	2	**343**	293	1243	2	440	267	1510	2	529
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	62	0	62	0	62	62	15	78	0	78	0	78	0	78	0	78	0	78
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		579	North-South:		579	North-South:			587	North-South:			587	North-South:			587
	East-West:		319	East-West:		452	East-West:			416	East-West:			557	East-West:			738
	SUM:		898	SUM:		1031	SUM:			1003	SUM:			1144	SUM:			1325
VOLUME/CAPACITY (V/C) RATIO:			0.599			0.687				0.669				0.763				0.883
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.499			0.587				0.569				0.663				0.783
LEVEL OF SERVICE (LOS):			A			A				A				B				C

PROJECT IMPACT

Change in v/c due to project: 0.094 | Δv/c after mitigation: 0.214
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
149	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	89	1	89	0	89	89	0	90	1	90	0	90	1	90	0	90	1	90
	Left-Through		0							0				0				0	
	Through	926	1	513	28	954	527	134	1071	1	586	28	1099	1	600	0	1099	1	600
	Through-Right		1							1				1				1	
	Right	100	0	100	0	100	100	0	101	0	101	0	101	0	101	0	101	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	1059	1	568	17	1076	576	122	1194	1	644	17	1211	1	652	0	1211	1	652
	Through-Right		1							1				1				1	
	Right	76	0	76	0	76	76	16	93	0	93	0	93	0	93	0	93	0	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	103	1	103	0	103	103	11	115	1	115	0	115	1	115	0	115	1	115
	Left-Through		0							0				0				0	
	Through	570	1	335	12	582	341	101	678	1	390	12	690	1	396	0	690	1	396
	Through-Right		1							1				1				1	
	Right	100	0	100	0	100	100	0	101	0	101	0	101	0	101	0	101	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	83	1	83	3	86	86	0	84	1	84	3	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	455	1	257	79	534	299	97	557	1	309	80	637	1	351	0	637	1	351
	Through-Right		1							1				1				1	
	Right	59	0	59	5	64	64	0	60	0	60	5	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		657	North-South:		665	North-South:			734	North-South:			742	North-South:			742
		East-West:		418	East-West:		427	East-West:			474	East-West:			483	East-West:			483
		SUM:		1075	SUM:		1092	SUM:			1208	SUM:			1225	SUM:			1225
	VOLUME/CAPACITY (V/C) RATIO:			0.717			0.728				0.805				0.817				0.817
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.617			0.628				0.705				0.717				0.717
	LEVEL OF SERVICE (LOS):			B			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.012 | Δv/c after mitigation: 0.012
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
150	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	46	0	46	0	46	46	0	47	0	47	0	47	0	47	0	47	0	47
	Left-Through		1							1				1				1	
	Through	740	0	530	7	747	534	83	832	0	579	7	839	0	583	0	839	0	583
	Through-Right		1							1				1				1	
	Right	136	0	530	0	136	534	0	138	0	579	0	138	0	583	0	138	0	583
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	22	0	22	0	22	22	13	35	0	35	0	35	0	35	0	35	0	35
	Left-Through		1							1				1				1	
	Through	679	0	400	4	683	402	110	797	0	487	4	801	0	489	0	801	0	489
	Through-Right		1							1				1				1	
	Right	32	0	400	0	32	402	5	37	0	487	0	37	0	489	0	37	0	489
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	48	1	48	0	48	48	2	51	1	51	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	542	1	321	12	554	327	98	647	1	374	12	659	1	380	0	659	1	380
	Through-Right		1							1				1				1	
	Right	99	0	99	0	99	99	0	100	0	100	0	100	0	100	0	100	0	100
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	94	1	94	1	95	95	0	95	1	95	1	96	1	96	0	96	1	96
	Left-Through		0							0				0				0	
	Through	508	1	276	87	595	320	91	605	1	330	88	693	1	374	0	693	1	374
	Through-Right		1							1				1				1	
	Right	44	0	44	1	45	45	9	54	0	54	1	55	0	55	0	55	0	55
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		552	North-South:		556	North-South:			614	North-South:			618	North-South:			618
		East-West:		415	East-West:		422	East-West:			469	East-West:			476	East-West:			476
		SUM:		967	SUM:		978	SUM:			1083	SUM:			1094	SUM:			1094
	VOLUME/CAPACITY (V/C) RATIO:			0.645			0.652				0.722				0.729				0.729
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.545			0.552				0.622				0.629				0.629
	LEVEL OF SERVICE (LOS):			A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.007 | Δv/c after mitigation: 0.007
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
151	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	91	1	91	0	91	91	0	92	1	92	0	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	1019	1	553	28	1047	567	240	1271	1	680	28	1299	1	694	0	1299	1	694
	Through-Right		1							1				1				1	
	Right	87	0	87	0	87	87	0	88	0	88	0	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	39	1	39	0	39	39	3	42	1	42	0	42	1	42	0	42	1	42
	Left-Through		0							0				0				0	
	Through	904	1	493	50	954	518	277	1192	1	638	50	1242	1	663	0	1242	1	663
	Through-Right		1							1				1				1	
	Right	81	0	81	0	81	81	1	83	0	83	0	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	56	1	56	0	56	56	1	58	1	58	0	58	1	58	0	58	1	58
	Left-Through		0							0				0				0	
	Through	372	1	218	12	384	224	110	486	1	275	13	499	1	282	0	499	1	282
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	0	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	55	1	55	130	185	185	0	56	1	56	130	186	1	186	0	186	1	186
	Left-Through		0							0				0				0	
	Through	496	1	294	89	585	341	99	601	1	348	89	690	1	395	0	690	1	395
	Through-Right		1							1				1				1	
	Right	92	0	92	5	97	97	1	94	0	94	5	99	0	99	0	99	0	99
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		592	North-South:		609	North-South:			730	North-South:			755	North-South:			755
		East-West:		350	East-West:		409	East-West:			406	East-West:			468	East-West:			468
		SUM:		942	SUM:		1018	SUM:			1136	SUM:			1223	SUM:			1223
	VOLUME/CAPACITY (V/C) RATIO:			0.628			0.679				0.757				0.815				0.815
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.528			0.579				0.657				0.715				0.715
	LEVEL OF SERVICE (LOS):			A			A				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.058 | Δv/c after mitigation: 0.058
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
152	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	9	0	9	30	39	39	0	9	0	9	30	39	0	39	218	257	0	257
	Left-Through		0							1				0				1	
	Through	625	0	357	4	629	417	168	801	0	456	4	805	0	516	0	805	0	876
	Through-Right		1							1				1				1	
	Right	53	0	357	-4	49	417	21	75	0	456	-4	71	0	516	0	71	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	67	1	67	0	67	67	1	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	537	1	330	70	607	379	179	722	1	428	70	792	1	476	0	792	1	476
	Through-Right		1							1				1				1	
	Right	123	0	123	27	150	150	9	133	0	133	27	160	0	160	0	160	0	160
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	180	1	180	151	331	331	6	188	1	188	151	339	1	339	0	339	1	339
	Left-Through		0							0				0				0	
	Through	533	1	280	-140	393	210	107	646	1	336	-139	507	1	267	0	507	1	267
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	95	1	95	273	368	368	2	98	1	98	273	371	1	371	0	371	1	371
	Left-Through		0							0				0				0	
	Through	717	1	429	170	887	563	92	818	1	481	170	988	1	615	-323	665	1	454
	Through-Right		1							1				1				1	
	Right	140	0	140	99	239	239	1	143	0	143	99	242	0	242	0	242	0	242
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		424	North-South:		484	North-South:			525	North-South:			585	North-South:			945
		East-West:		609	East-West:		894	East-West:			669	East-West:			954	East-West:			793
		SUM:		1033	SUM:		1378	SUM:			1194	SUM:			1539	SUM:			1738
	VOLUME/CAPACITY (V/C) RATIO:			0.725			0.967				0.838				1.080				1.220
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.625			0.867				0.738				0.980				1.120
	LEVEL OF SERVICE (LOS):			B			D				C				E				F

PROJECT IMPACT

Change in v/c due to project: 0.242 | Δv/c after mitigation: 0.382
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	153	North-South Street:	Pico	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Union	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	58	1	58	0	58	58	0	59	1	59	0	59	1	59	0	59	1	59
		Left-Through		0							0				0				0	
		Through	318	0	358	0	318	358	0	322	0	362	0	322	0	362	0	322	0	362
		Through-Right		1							1				1				1	
		Right	40	0	0	0	40	0	0	40	0	0	0	40	0	0	0	40	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	71	1	71	0	71	71	1	73	1	73	0	73	1	73	0	73	1	73
		Left-Through		0							0				0				0	
		Through	298	1	298	0	298	298	0	302	1	302	0	302	1	302	0	302	1	302
		Through-Right		0							0				0				0	
		Right	122	1	76	0	122	76	0	123	1	77	0	123	1	77	181	304	1	258
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	92	1	92	0	92	92	0	93	1	93	0	93	1	93	0	93	1	93
		Left-Through		0							0				0				0	
		Through	437	1	240	-144	293	168	126	568	1	306	-143	425	1	234	0	425	1	234
		Through-Right		1							1				1				1	
		Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	43	1	43	0	43	43	10	54	1	54	0	54	1	54	0	54	1	54
		Left-Through		0							0				0				0	
		Through	717	1	447	542	1259	718	92	818	1	499	542	1360	1	770	-517	843	1	511
		Through-Right		1							1				1				1	
		Right	176	0	176	0	176	176	1	179	0	179	0	179	0	179	0	179	0	179
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		429	North-South:		429	North-South:			435	North-South:			435	North-South:			435
			East-West:		539	East-West:		810	East-West:			592	East-West:			863	East-West:			604
			SUM:		968	SUM:		1239	SUM:			1027	SUM:			1298	SUM:			1039
	VOLUME/CAPACITY (V/C) RATIO:				0.645			0.826				0.685				0.865				0.693
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.545			0.726				0.585				0.765				0.593
	LEVEL OF SERVICE (LOS):				A			C				A				C				A

PROJECT IMPACT

Change in v/c due to project: 0.180 | Δv/c after mitigation: 0.008

Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	154	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Alvarado	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through		0							0				0				0	
		Through	709	2	355	6	715	358	100	818	2	409	6	824	2	412	0	824	2	412
		Through-Right		1							1				1				1	
		Right	584	1	0	9	593	0	188	779	1	0	9	788	1	0	0	788	1	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through		0							0				0				0	
		Through	652	2	326	16	668	334	29	689	2	345	16	705	2	353	0	705	2	353
		Through-Right		0							0				0				0	
		Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through		0							0				0				0	
		Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Through-Right		0							0				0				0	
		Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	542	1	277	342	884	448	181	730	1	371	342	1072	1	542	0	1072	1	542
		Left-Through		0							0				0				0	
		Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Through-Right		0							0				0				0	
		Right	11	0	277	0	11	448	0	11	0	371	0	11	0	542	0	11	0	542
		Left-Through-Right		0							0				0				0	
		Left-Right		1							1				1				1	
	CRITICAL VOLUMES		North-South:		355	North-South:		358	North-South:			409	North-South:			412	North-South:			412
			East-West:		277	East-West:		448	East-West:			371	East-West:			542	East-West:			542
			SUM:		632	SUM:		806	SUM:			780	SUM:			954	SUM:			954
	VOLUME/CAPACITY (V/C) RATIO:				0.421			0.537				0.520				0.636				0.636
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.321			0.437				0.420				0.536				0.536
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.116 | Δv/c after mitigation: 0.116

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	155	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	76	1	76	0	76	76	0	77	1	77	0	77	1	77	0	77	1	77
		Left-Through		0							0				0				0	
		Through	690	1	376	14	704	383	134	832	1	448	14	846	1	455	0	846	1	455
		Through-Right		1							1				1				1	
		Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	81	1	81	0	81	81	0	82	1	82	0	82	1	82	0	82	1	82
		Left-Through		0							0				0				0	
		Through	1126	2	563	19	1145	573	122	1262	2	631	19	1281	2	641	0	1281	2	641
		Through-Right		0							0				0				0	
		Right	102	1	60	0	102	60	0	103	1	61	0	103	1	61	0	103	1	61
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	84	1	84	0	84	84	0	85	1	85	0	85	1	85	0	85	1	85
		Left-Through		0							0				0				0	
		Through	432	1	241	6	438	244	45	482	1	266	6	488	1	269	0	488	1	269
		Through-Right		1							1				1				1	
		Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	60	1	60	7	67	67	0	61	1	61	7	68	1	68	0	68	1	68
		Left-Through		0							0				0				0	
		Through	234	1	141	181	415	238	34	271	1	160	181	452	1	257	0	452	1	257
		Through-Right		1							1				1				1	
		Right	47	0	47	13	60	60	0	48	0	48	13	61	0	61	0	61	0	61
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		639	North-South:		649	North-South:			708	North-South:			718	North-South:			718
			East-West:		301	East-West:		322	East-West:			327	East-West:			342	East-West:			342
			SUM:		940	SUM:		971	SUM:			1035	SUM:			1060	SUM:			1060
	VOLUME/CAPACITY (V/C) RATIO:				0.627			0.647				0.690				0.707				0.707
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.527			0.547				0.590				0.607				0.607
	LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.017 | Δv/c after mitigation: 0.017

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	156	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	89	1	89	0	89	89	0	90	1	90	0	90	1	90	0	90	1	90
		Left-Through		0							0				0				0	
		Through	835	1	440	4	839	442	83	928	1	487	4	932	1	489	0	932	1	489
		Through-Right		1							1				1				1	
		Right	45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
		Left-Through		0							0				0				0	
		Through	818	1	441	5	823	443	110	938	1	501	5	943	1	504	0	943	1	504
		Through-Right		1							1				1				1	
		Right	63	0	63	0	63	63	0	64	0	64	0	64	0	64	0	64	0	64
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	80	1	80	0	80	80	0	81	1	81	0	81	1	81	0	81	1	81
		Left-Through		0							0				0				0	
		Through	533	1	273	6	539	276	45	584	1	298	7	591	1	302	0	591	1	302
		Through-Right		1							1				1				1	
		Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	48	1	48	2	50	50	0	49	1	49	2	51	1	51	0	51	1	51
		Left-Through		0							0				0				0	
		Through	410	1	227	201	611	329	34	449	1	247	201	650	1	349	0	650	1	349
		Through-Right		1							1				1				1	
		Right	44	0	44	3	47	47	0	45	0	45	3	48	0	48	0	48	0	48
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		530	North-South:		532	North-South:			591	North-South:			594	North-South:			594
			East-West:		321	East-West:		409	East-West:			347	East-West:			430	East-West:			430
			SUM:		851	SUM:		941	SUM:			938	SUM:			1024	SUM:			1024
	VOLUME/CAPACITY (V/C) RATIO:				0.567			0.627				0.625				0.683				0.683
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.467			0.527				0.525				0.583				0.583
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.058 | Δv/c after mitigation: 0.058

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
157	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	51	1	51	0	51	51	0	52	1	52	0	52	1	**52**	0	52	1	**52**
	Left-Through		0							0				0				0	
	Through	1118	1	**593**	14	1132	**600**	241	1372	1	**721**	14	1386	1	728	0	1386	1	728
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	0	69	0	69	0	69	0	69	0	69	0	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	73	1	**73**	0	73	**73**	0	74	1	**74**	0	74	1	74	0	74	1	74
	Left-Through		0							0				0				0	
	Through	997	1	525	179	1176	614	277	1286	1	670	179	1465	1	**759**	0	1465	1	**759**
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	64	1	64	0	64	**64**	0	65	1	65	0	65	1	**65**	0	65	1	**65**
	Left-Through		0							0				0				0	
	Through	513	1	**296**	6	519	299	45	564	1	**322**	6	570	1	325	0	570	1	325
	Through-Right		1							1				1				1	
	Right	78	0	78	0	78	78	0	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	74	1	**74**	7	81	81	0	75	1	**75**	7	82	1	82	0	82	1	82
	Left-Through		0							0				0				0	
	Through	411	1	241	206	617	**350**	34	450	1	261	206	656	1	**370**	0	656	1	**370**
	Through-Right		1							1				1				1	
	Right	70	0	70	13	83	83	0	71	0	71	13	84	0	84	0	84	0	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		666	North-South:		673	North-South:			795	North-South:			811	North-South:			811
		East-West:		370	East-West:		414	East-West:			397	East-West:			435	East-West:			435
		SUM:		1036	SUM:		1087	SUM:			1192	SUM:			1246	SUM:			1246
VOLUME/CAPACITY (V/C) RATIO:				0.691			0.725				0.795				0.831				0.831
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.591**			**0.625**				**0.695**				**0.731**				**0.731**
LEVEL OF SERVICE (LOS):				**A**			**B**				**B**				**C**				**C**

PROJECT IMPACT

Change in v/c due to project: 0.036 | Δv/c after mitigation: 0.036

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
158	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	76	1	**76**	0	76	**76**	0	77	1	**77**	0	77	1	**77**	0	77	1	**77**
	Left-Through		0							0				0				0	
	Through	1144	2	394	12	1156	399	288	1446	2	497	12	1458	2	502	0	1458	2	502
	Through-Right		1							1				1				1	
	Right	39	0	39	3	42	42	6	45	0	45	4	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	1032	2	**516**	307	1339	**670**	210	1254	2	**627**	308	1562	2	**781**	0	1562	2	**781**
	Through-Right		0							0				0				0	
	Right	103	1	55	51	154	106	0	104	1	56	51	155	1	107	0	155	1	107
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	96	1	96	0	96	96	0	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	490	1	**294**	6	496	**297**	45	541	1	**320**	6	547	1	**323**	0	547	1	**323**
	Through-Right		1							1				1				1	
	Right	98	0	98	0	98	98	0	99	0	99	0	99	0	99	0	99	0	99
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	60	1	**60**	129	189	**189**	14	75	1	**75**	129	204	1	**204**	0	204	1	**204**
	Left-Through		0							0				0				0	
	Through	304	1	189	175	479	278	34	342	1	209	175	517	1	298	0	517	1	298
	Through-Right		1							1				1				1	
	Right	74	0	74	3	77	77	0	75	0	75	3	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		592	North-South:		746	North-South:			704	North-South:			858	North-South:			858
		East-West:		354	East-West:		486	East-West:			395	East-West:			527	East-West:			527
		SUM:		946	SUM:		1232	SUM:			1099	SUM:			1385	SUM:			1385
VOLUME/CAPACITY (V/C) RATIO:				0.664			0.865				0.771				0.972				0.972
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.564**			**0.765**				**0.671**				**0.872**				**0.872**
LEVEL OF SERVICE (LOS):				**A**			**C**				**B**				**D**				**D**

PROJECT IMPACT

Change in v/c due to project: 0.201 | Δv/c after mitigation: 0.201

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
159	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	92	1	**92**	0	92	**92**	0	93	1	**93**	0	93	1	**93**	0	93	1	**93**
	Left-Through		0							0				0				0	
	Through	1117	1	604	0	1117	604	134	1264	1	678	0	1264	1	678	0	1264	1	678
	Through-Right		1							1				1				1	
	Right	90	0	90	0	90	90	0	91	0	91	0	91	0	91	0	91	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	79	1	79	0	79	79	0	80	1	80	0	80	1	80	0	80	1	80
	Left-Through		0							0				0				0	
	Through	1236	1	**643**	26	1262	**656**	122	1373	1	**712**	26	1399	1	**725**	0	1399	1	**725**
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	77	1	77	0	77	77	0	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	487	2	**196**	12	499	**200**	111	604	2	**235**	12	616	2	**239**	0	616	2	**239**
	Through-Right		1							1				1				1	
	Right	101	0	101	0	101	101	0	102	0	102	0	102	0	102	0	102	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	101	1	**101**	7	108	**108**	0	102	1	**102**	7	109	1	**109**	0	109	1	**109**
	Left-Through		0							0				0				0	
	Through	341	2	142	183	524	208	96	441	2	176	183	624	2	241	0	624	2	241
	Through-Right		1							1				1				1	
	Right	85	0	85	14	99	99	0	86	0	86	14	100	0	100	0	100	0	100
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		735	North-South:		748	North-South:			805	North-South:			818	North-South:			818
		East-West:		297	East-West:		308	East-West:			337	East-West:			348	East-West:			348
		SUM:		1032	SUM:		1056	SUM:			1142	SUM:			1166	SUM:			1166
VOLUME/CAPACITY (V/C) RATIO:				0.751			0.768				0.831				0.848				0.848
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.651**			**0.668**				**0.731**				**0.748**				**0.748**
LEVEL OF SERVICE (LOS):				**B**			**B**				**C**				**C**				**C**

PROJECT IMPACT

Change in v/c due to project: 0.017 | Δv/c after mitigation: 0.017

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
160	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	137	1	**137**	0	137	**137**	0	139	1	**139**	0	139	1	**139**	0	139	1	**139**
	Left-Through		0							0				0				0	
	Through	909	1	512	0	909	512	83	1003	1	560	0	1003	1	560	0	1003	1	560
	Through-Right		1							1				1				1	
	Right	115	0	115	0	115	115	0	116	0	116	0	116	0	116	0	116	0	116
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	84	1	84	0	84	84	0	85	1	85	0	85	1	85	0	85	1	85
	Left-Through		0							0				0				0	
	Through	907	1	**479**	6	913	**482**	110	1028	1	**540**	6	1034	1	**543**	0	1034	1	**543**
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	52	1	52	0	52	52	0	53	1	53	0	53	1	53	0	53	1	53
	Left-Through		0							0				0				0	
	Through	454	2	**192**	12	466	**196**	111	570	2	**231**	13	583	2	**235**	0	583	2	**235**
	Through-Right		1							1				1				1	
	Right	122	0	122	0	122	122	0	123	0	123	0	123	0	123	0	123	0	123
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	93	1	**93**	2	95	**95**	0	94	1	**94**	2	96	1	**96**	0	96	1	**96**
	Left-Through		0							0				0				0	
	Through	345	2	128	205	550	197	96	445	2	161	205	650	2	231	0	650	2	231
	Through-Right		1							1				1				1	
	Right	38	0	38	4	42	42	0	38	0	38	4	42	0	42	0	42	0	42
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		616	North-South:		619	North-South:			679	North-South:			682	North-South:			682
		East-West:		285	East-West:		291	East-West:			325	East-West:			331	East-West:			331
		SUM:		901	SUM:		910	SUM:			1004	SUM:			1013	SUM:			1013
VOLUME/CAPACITY (V/C) RATIO:				0.655			0.662				0.730				0.737				0.737
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.555**			**0.562**				**0.630**				**0.637**				**0.637**
LEVEL OF SERVICE (LOS):				**A**			**A**				**B**				**B**				**B**

PROJECT IMPACT

Change in v/c due to project: 0.007 | Δv/c after mitigation: 0.007

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	161	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4				4				4				4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0
	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	96	1	96	0	96	96	0	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	1049	2	525	0	1049	525	241	1303	2	652	0	1303	2	652	0	1303	2	652
	Through-Right		0							0				0				0	
	Right	87	1	0	0	87	0	0	88	1	0	0	88	1	0	0	88	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	147	1	147	0	147	147	0	149	1	149	0	149	1	149	0	149	1	149
	Left-Through		0							0				0				0	
	Through	848	2	424	186	1034	517	277	1135	2	568	186	1321	2	661	0	1321	2	661
	Through-Right		0							0				0				0	
	Right	61	1	32	0	61	32	0	62	1	33	0	62	1	33	0	62	1	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	58	1	58	0	58	58	0	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	525	2	263	12	537	269	111	642	2	321	12	654	2	327	0	654	2	327
	Through-Right		0							0				0				0	
	Right	43	1	0	0	43	0	0	44	1	0	0	44	1	0	0	44	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	135	1	135	7	142	142	0	137	1	137	7	144	1	144	0	144	1	144
	Left-Through		0							0				0				0	
	Through	514	2	196	210	724	271	96	616	2	230	210	826	2	305	0	826	2	305
	Through-Right		1							1				1				1	
	Right	74	0	74	14	88	88	0	75	0	75	14	89	0	89	0	89	0	89
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		672	North-South:		672	North-South:			801	North-South:			801	North-South:			801
		East-West:		398	East-West:		411	East-West:			458	East-West:			471	East-West:			471
		SUM:		1070	SUM:		1083	SUM:			1259	SUM:			1272	SUM:			1272
VOLUME/CAPACITY (V/C) RATIO:				0.778			0.788				0.916				0.925				0.968
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.678			0.688				0.816				0.825				0.825
LEVEL OF SERVICE (LOS):				B			B				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.009 | Δv/c after mitigation: 0.009
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	162	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3				3				3				3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0
	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	98	1	98	0	98	98	0	99	1	99	0	99	1	99	0	99	1	99
	Left-Through		0							0				0				0	
	Through	967	2	484	12	979	490	277	1256	2	628	12	1268	2	634	0	1268	2	634
	Through-Right		0							0				0				0	
	Right	14	1	0	0	14	0	0	14	1	0	0	14	1	0	0	14	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	123	1	123	0	123	123	14	138	1	138	0	138	1	138	0	138	1	138
	Left-Through		0							0				0				0	
	Through	935	2	468	384	1319	660	211	1157	2	579	385	1542	2	771	0	1542	2	771
	Through-Right		0							0				0				0	
	Right	133	1	40	51	184	91	0	135	1	41	51	186	1	92	0	186	1	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	186	1	186	0	186	186	0	188	1	188	0	188	1	188	0	188	1	188
	Left-Through		0							0				0				0	
	Through	543	2	200	12	555	204	111	661	2	240	12	673	2	244	0	673	2	244
	Through-Right		1							1				1				1	
	Right	58	0	58	0	58	58	0	59	0	59	0	59	0	59	0	59	0	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	79	1	79	15	94	94	0	80	1	80	15	95	1	95	0	95	1	95
	Left-Through		0							0				0				0	
	Through	462	2	202	181	643	264	96	564	2	243	181	745	2	304	53	798	2	322
	Through-Right		1							1				1				1	
	Right	145	0	145	3	148	148	17	164	0	164	3	167	0	167	0	167	0	167
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		607	North-South:		758	North-South:			766	North-South:			870	North-South:			870
		East-West:		388	East-West:		450	East-West:			431	East-West:			492	East-West:			510
		SUM:		995	SUM:		1208	SUM:			1197	SUM:			1362	SUM:			1380
VOLUME/CAPACITY (V/C) RATIO:				0.698			0.848				0.840				0.956				0.968
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.598			0.748				0.740				0.856				0.868
LEVEL OF SERVICE (LOS):				A			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.116 | Δv/c after mitigation: 0.128
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	163	North-South Street:	I-10 WB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	20th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 2	SB-- 0	0	NB-- 2	SB-- 0	0	NB-- 2	SB-- 0	0	NB-- 2	SB-- 0	0	NB-- 2	SB-- 0	0	NB-- 2	SB-- 0	0	NB-- 2	SB-- 0	0	NB-- 2	SB-- 0	0
	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	46	1	46	0	46	46	0	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	294	1	294	-1	293	293	78	376	1	376	-1	375	1	375	0	375	1	375
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	56	0	81	0	56	81	0	57	0	82	0	57	0	82	0	57	0	82
	Through-Right		1							1				1				1	
	Right	25	0	0	0	25	0	0	25	0	0	0	25	0	0	0	25	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	528	1	528	372	900	900	112	646	1	646	373	1019	1	1019	0	1019	1	1019
	Left-Through		0							0				0				0	
	Through	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		294	North-South:		293	North-South:			376	North-South:			375	North-South:			375
		East-West:		609	East-West:		981	East-West:			728	East-West:			1101	East-West:			1101
		SUM:		903	SUM:		1274	SUM:			1104	SUM:			1476	SUM:			1476
VOLUME/CAPACITY (V/C) RATIO:				0.602			0.849				0.736				0.984				0.984
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.502			0.749				0.636				0.884				0.884
LEVEL OF SERVICE (LOS):				A			C				B				D				D

PROJECT IMPACT

Change in v/c due to project: 0.248 | Δv/c after mitigation: 0.248
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	164	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	I-10 EB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3				3				3				3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0
	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1119	2	560	0	1119	560	167	1299	2	650	0	1299	2	650	0	1299	2	650
	Through-Right		0							0				0				0	
	Right	205	1	205	0	205	205	0	207	1	207	0	207	1	207	0	207	1	207
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	457	2	251	0	457	251	59	522	2	287	0	522	2	287	0	522	2	287
	Left-Through		0							0				0				0	
	Through	842	2	421	33	875	438	95	947	2	474	33	980	2	490	0	980	2	490
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	312	1	312	0	312	312	92	408	1	408	0	408	1	408	0	408	1	408
	Left-Through		0							0				0				0	
	Through	16	1	278	0	16	278	0	16	0	338	0	16	0	338	0	16	0	338
	Through-Right		1							1				1				1	
	Right	262	0	0	0	262	0	57	322	0	0	0	322	0	0	0	322	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		811	North-South:		811	North-South:			937	North-South:			937	North-South:			937
		East-West:		312	East-West:		312	East-West:			408	East-West:			408	East-West:			408
		SUM:		1123	SUM:		1123	SUM:			1345	SUM:			1345	SUM:			1345
VOLUME/CAPACITY (V/C) RATIO:				0.788			0.788				0.944				0.944				0.944
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.688			0.688				0.844				0.844				0.844
LEVEL OF SERVICE (LOS):				B			B				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	165	North-South Street:	I-10 EB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Hoover	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	996	2	404	0	996	404	143	1151	2	457	0	1151	2	457	0	1151	2	457
	Through-Right		1							1				1				1	
	Right	216	0	216	0	216	216	0	219	0	219	0	219	0	219	0	219	0	219
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	229	1	229	0	229	229	9	241	1	241	0	241	1	241	0	241	1	241
	Left-Through		0							0				0				0	
	Through	759	3	253	27	786	262	120	888	3	296	27	915	3	305	0	915	3	305
	Through-Right		1							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	414	1	315	13	427	322	86	505	1	371	13	518	1	377	0	518	1	377
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	216	0	315	0	216	322	17	236	0	371	0	236	0	377	0	236	0	377
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		633	North-South:		633	North-South:			698	North-South:			698	North-South:			698
		East-West:		315	East-West:		322	East-West:			371	East-West:			377	East-West:			377
		SUM:		948	SUM:		955	SUM:			1069	SUM:			1075	SUM:			1075
VOLUME/CAPACITY (V/C) RATIO:				0.665			0.670				0.750				0.754				0.754
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.565			0.570				0.650				0.654				0.654
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.004 | Δv/c after mitigation: 0.004

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	166	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	25	0	25	0	25	25	0	25	0	25	0	25	0	25	0	25	0	25
	Left-Through		1							1				1				1	
	Through	185	0	133	0	185	183	151	338	0	209	0	338	0	259	0	338	0	259
	Through-Right		1							1				1				1	
	Right	30	0	133	0	30	183	0	30	0	209	0	30	0	259	0	30	0	259
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	25	0	25	194	219	219	5	30	0	30	194	224	0	224	0	224	0	224
	Left-Through		1							1				1				1	
	Through	317	0	180	1377	1694	1004	175	496	0	292	1377	1873	0	1213	0	1873	0	1213
	Through-Right		1							1				1				1	
	Right	17	0	180	78	95	1004	10	27	0	292	78	105	0	1213	0	105	0	1213
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
	Left-Through		1							1				1				1	
	Through	262	0	148	373	635	616	4	269	0	152	373	642	0	620	0	642	0	620
	Through-Right		1							1				1				1	
	Right	25	0	148	563	588	616	0	25	0	152	563	588	0	620	0	588	0	620
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	20	0	20	0	20	20	0	20	0	20	0	20	0	20	0	20	0	20
	Left-Through		1							1				1				1	
	Through	179	0	101	17	196	160	21	202	0	116	17	219	0	175	0	219	0	175
	Through-Right		1							1				1				1	
	Right	3	0	101	0	3	160	7	10	0	116	0	10	0	175	0	10	0	175
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		205	North-South:		1029	North-South:			317	North-South:			1238	North-South:			1238
		East-West:		168	East-West:		636	East-West:			172	East-West:			640	East-West:			640
		SUM:		373	SUM:		1665	SUM:			489	SUM:			1878	SUM:			1878
VOLUME/CAPACITY (V/C) RATIO:				0.249			1.110				0.326				1.252				1.252
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.149			1.010				0.226				1.152				1.152
LEVEL OF SERVICE (LOS):				A			F				A				F				F

PROJECT IMPACT

Change in v/c due to project: 0.926 | Δv/c after mitigation: 0.926

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	167	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	33	1	33	7	40	40	12	45	1	45	7	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	267	1	146	1	268	146	114	384	1	204	1	385	1	205	0	385	1	205
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	289	1	152	106	395	205	111	403	1	211	107	510	1	265	0	510	1	265
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	4	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through		1							1				1				1	
	Through	239	0	165	482	721	448	6	248	1	171	482	730	0	454	0	730	1	454
	Through-Right		1							1				1				1	
	Right	72	0	165	84	156	448	3	76	0	171	84	160	0	454	0	160	0	454
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through		1							1				1				1	
	Through	160	0	104	11	171	129	13	175	0	112	11	186	0	136	0	186	0	136
	Through-Right		1							1				1				1	
	Right	10	0	104	0	10	129	0	10	0	112	0	10	0	136	0	10	0	136
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		185	North-South:		245	North-South:			256	North-South:			317	North-South:			317
		East-West:		184	East-West:		467	East-West:			190	East-West:			473	East-West:			473
		SUM:		369	SUM:		712	SUM:			446	SUM:			790	SUM:			790
VOLUME/CAPACITY (V/C) RATIO:				0.246			0.475				0.297				0.527				0.527
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.146			0.375				0.197				0.427				0.427
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.230 | Δv/c after mitigation: 0.230

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	168	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	23	1	23	0	23	23	0	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	281	1	148	0	281	148	135	419	1	217	0	419	1	217	0	419	1	217
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	335	1	176	1	336	180	132	471	0	492	1	472	0	500	0	472	0	500
	Through-Right		1							1				1				1	
	Right	17	0	17	7	24	24	4	21	0	0	7	28	0	0	0	28	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	54	0	54	8	62	62	0	55	0	55	8	63	0	63	0	63	0	63
	Left-Through		1							1				1				1	
	Through	157	1	126	474	631	367	6	165	0	130	474	639	0	371	0	639	0	371
	Through-Right		1							1				1				1	
	Right	40	0	126	0	40	367	0	40	0	130	0	40	0	371	0	40	0	371
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through		1							1				1				1	
	Through	152	0	95	3	155	133	8	162	0	100	3	165	0	138	0	165	0	138
	Through-Right		1							1				1				1	
	Right	14	0	95	0	14	133	0	14	0	100	0	14	0	138	0	14	0	138
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		199	North-South:		203	North-South:			515	North-South:			523	North-South:			523
		East-West:		150	East-West:		391	East-West:			155	East-West:			395	East-West:			395
		SUM:		349	SUM:		594	SUM:			670	SUM:			918	SUM:			918
VOLUME/CAPACITY (V/C) RATIO:				0.233			0.396				0.447				0.612				0.612
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.133			0.296				0.347				0.512				0.512
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.165 | Δv/c after mitigation: 0.165

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
169	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through		1							1				1				1	
	Through	137	0	85	0	137	85	32	171	0	102	0	171	0	102	0	171	0	102
	Through-Right		1							1				1				1	
	Right	9	0	85	0	9	85	0	9	0	102	0	9	0	102	0	9	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
	Left-Through		1							1				1				1	
	Through	376	0	**208**	1	377	**209**	24	405	0	**223**	1	406	0	**223**	0	406	0	**223**
	Through-Right		1							1				1				1	
	Right	23	0	208	0	23	209	0	23	0	223	0	23	0	223	0	23	0	223
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	38	0	**38**	0	38	38	0	38	0	**38**	0	38	0	38	0	38	0	38
	Left-Through		1							1				1				1	
	Through	125	0	106	446	571	**329**	0	127	0	107	446	573	0	**330**	0	573	0	**330**
	Through-Right		1							1				1				1	
	Right	48	0	106	0	48	329	0	49	0	107	0	49	0	330	0	49	0	330
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Left-Through		1							1				1				1	
	Through	167	0	**98**	3	170	100	8	177	0	**103**	3	180	0	105	0	180	0	105
	Through-Right		1							1				1				1	
	Right	29	0	98	0	29	100	0	29	0	103	0	29	0	105	0	29	0	105
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		220	*North-South:*		221	*North-South:*			235	*North-South:*			235	*North-South:*			235
		East-West:		136	*East-West:*		329	*East-West:*			141	*East-West:*			330	*East-West:*			330
		SUM:		356	*SUM:*		550	*SUM:*			376	*SUM:*			565	*SUM:*			565
VOLUME/CAPACITY (*V/C*) RATIO:				0.237			0.367				0.251				0.377				0.377
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.137			0.267				0.151				0.277				0.277
LEVEL OF SERVICE (LOS):				A			A				A				A				A

	EB--	0	WB--	NB--	0	SB--	EB--	0	WB--	NB--	0	SB--	EB--	0	WB--	NB--	0	SB--	EB--	0	WB--
No. of Phases			2			2			2					2							2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0							0
Right Turns: FREE-1, NRTOR-2 or OLA-3?			0			0			0			0		0							0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2					2							2
Override Capacity			0			0			0					0							0

PROJECT IMPACT

Change in *v/c* due to project: 0.126 | *Δv/c* after mitigation: 0.126

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
170	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	79	1	79	0	79	79	0	80	1	80	0	80	1	80	0	80	1	80
	Left-Through		0							0				0				0	
	Through	195	2	98	0	195	98	0	197	2	99	0	197	2	99	0	197	2	99
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	521	1	**330**	0	521	**332**	0	527	1	**334**	0	527	1	**336**	0	527	1	**336**
	Through-Right		1							1				1				1	
	Right	138	0	138	5	143	143	0	140	0	140	5	145	0	145	0	145	0	145
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	116	1	**77**	446	562	**523**	0	117	1	**77**	446	563	1	**523**	0	563	1	**523**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	290	1	**290**	0	290	**290**	0	293	1	**293**	0	293	1	**293**	0	293	1	**293**
	Left-Through		0							0				0				0	
	Through	163	1	159	3	166	161	8	173	1	165	3	176	1	167	0	176	1	167
	Through-Right		1							1				1				1	
	Right	155	0	155	0	155	155	0	157	0	157	0	157	0	157	0	157	0	157
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		409	*North-South:*		411	*North-South:*			414	*North-South:*			416	*North-South:*			416
		East-West:		367	*East-West:*		813	*East-West:*			370	*East-West:*			816	*East-West:*			816
		SUM:		776	*SUM:*		1224	*SUM:*			784	*SUM:*			1232	*SUM:*			1232
VOLUME/CAPACITY (*V/C*) RATIO:				0.517			0.816				0.523				0.821				0.821
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.417			0.716				0.423				0.721				0.721
LEVEL OF SERVICE (LOS):				A			C				A				C				C

	EB--	0	WB--	NB--	0	SB--	EB--	0	WB--	NB--	0	SB--	EB--	0	WB--	NB--	0	SB--	EB--	0	WB--
No. of Phases			2			2			2					2							2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0							0
Right Turns: FREE-1, NRTOR-2 or OLA-3?			0			0			0			0		0							0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2					2							2
Override Capacity			0			0			0					0							0

PROJECT IMPACT

Change in *v/c* due to project: 0.298 | *Δv/c* after mitigation: 0.298

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
171	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	154	1	**154**	3	157	**157**	0	156	1	**156**	3	159	1	**159**	0	159	1	**159**
	Left-Through		0							0				0				0	
	Through	229	2	115	15	244	122	58	290	2	145	15	305	2	153	0	305	2	153
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	392	1	**277**	112	504	**333**	55	452	1	**308**	112	564	1	**364**	0	564	1	**364**
	Through-Right		1							1				1				1	
	Right	161	0	161	0	161	161	0	163	0	163	0	163	0	163	0	163	0	163
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	257	0	**257**	0	257	**257**	0	260	0	**260**	0	260	0	**260**	0	260	0	**260**
	Left-Through		1							1				1				1	
	Through	160	2	80	0	160	80	8	170	2	85	0	170	2	85	0	170	2	85
	Through-Right		0							0				0				0	
	Right	98	1	98	0	98	98	0	99	1	99	0	99	1	99	0	99	1	99
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		431	*North-South:*		490	*North-South:*			464	*North-South:*			523	*North-South:*			523
		East-West:		257	*East-West:*		257	*East-West:*			260	*East-West:*			260	*East-West:*			260
		SUM:		688	*SUM:*		747	*SUM:*			724	*SUM:*			783	*SUM:*			783
VOLUME/CAPACITY (*V/C*) RATIO:				0.483			0.524				0.508				0.549				0.549
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.383			0.424				0.408				0.449				0.449
LEVEL OF SERVICE (LOS):				A			A				A				A				A

	EB--	0	WB--	NB--	0	SB--	EB--	0	WB--	NB--	0	SB--	EB--	0	WB--	NB--	0	SB--	EB--	0	WB--
No. of Phases			3			3			3					3							3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0							0
Right Turns: FREE-1, NRTOR-2 or OLA-3?			0			0			0			0		0							0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2					2							2
Override Capacity			0			0			0					0							0

PROJECT IMPACT

Change in *v/c* due to project: 0.041 | *Δv/c* after mitigation: 0.041

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
172	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	58	1	58	5	63	**63**	0	59	1	59	5	64	1	**64**	0	64	1	**64**
	Left-Through		0							0				0				0	
	Through	296	1	**167**	5	301	169	118	418	1	**228**	5	423	1	230	0	423	1	230
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	101	1	**101**	18	119	119	16	118	1	**118**	18	136	1	136	0	136	1	136
	Left-Through		0							0				0				0	
	Through	254	1	169	195	449	**267**	161	418	1	254	196	614	1	**352**	0	614	1	**352**
	Through-Right		1							1				1				1	
	Right	84	0	84	0	84	84	4	89	0	89	0	89	0	89	0	89	0	89
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	43	1	43	13	56	56	7	51	1	**51**	13	64	1	64	0	64	1	64
	Left-Through		0							0				0				0	
	Through	553	1	**298**	340	893	**482**	73	633	1	338	340	973	1	**523**	0	973	1	**523**
	Through-Right		1							1				1				1	
	Right	42	0	42	29	71	71	0	43	0	43	29	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	21	1	**21**	0	21	**21**	0	21	1	21	0	21	1	**21**	0	21	1	**21**
	Left-Through		0							0				0				0	
	Through	493	1	267	0	493	267	85	584	1	**325**	0	584	1	325	0	584	1	325
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	25	65	0	65	0	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		268	*North-South:*		330	*North-South:*			346	*North-South:*			416	*North-South:*			416
		East-West:		319	*East-West:*		503	*East-West:*			376	*East-West:*			544	*East-West:*			544
		SUM:		587	*SUM:*		833	*SUM:*			722	*SUM:*			960	*SUM:*			960
VOLUME/CAPACITY (*V/C*) RATIO:				0.427			0.606				0.525				0.698				0.698
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.327			0.506				0.425				0.598				0.598
LEVEL OF SERVICE (LOS):				A			A				A				A				A

	EB--	0	WB--	NB--	0	SB--	EB--	0	WB--	NB--	0	SB--	EB--	0	WB--	NB--	0	SB--	EB--	0	WB--
No. of Phases			4			4			4					4							4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0							0
Right Turns: FREE-1, NRTOR-2 or OLA-3?			0			0			0			0		0							0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2					2							2
Override Capacity			0			0			0					0							0

PROJECT IMPACT

Change in *v/c* due to project: 0.173 | *Δv/c* after mitigation: 0.173

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	173	North-South Street:	Wilton Place (ext. of Arlington)	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	60	1	**60**	0	60	**60**	0	61	1	**61**	0	61	1	**61**	0	61	1	**61**
	Left-Through		0							0				0				0	
	Through	773	1	420	0	773	420	0	782	1	425	0	782	1	425	0	782	1	425
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	45	1	45	0	45	45	0	46	1	46	0	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	884	1	**498**	0	884	**498**	0	895	1	**504**	0	895	1	**504**	0	895	1	**504**
	Through-Right		1							1				1				1	
	Right	112	0	112	0	112	112	0	113	0	113	0	113	0	113	0	113	0	113
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	168	1	**168**	0	168	**168**	0	170	1	**170**	0	170	1	**170**	0	170	1	**170**
	Left-Through		0							0				0				0	
	Through	929	2	329	3	932	330	89	1029	2	363	3	1032	2	364	0	1032	2	364
	Through-Right		1							1				1				1	
	Right	58	0	58	0	58	58	0	59	0	59	0	59	0	59	0	59	0	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	110	1	110	0	110	110	0	111	1	111	0	111	1	111	0	111	1	111
	Left-Through		0							0				0				0	
	Through	782	2	**276**	58	840	**295**	96	887	2	**311**	59	946	2	**331**	0	946	2	**331**
	Through-Right		1							1				1				1	
	Right	46	0	46	0	46	46	0	47	0	47	0	47	0	47	0	47	0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		558	*North-South:*		558	*North-South:*			565	*North-South:*			565	*North-South:*			565
		East-West:		444	*East-West:*		463	*East-West:*			481	*East-West:*			501	*East-West:*			501
		SUM:		1002	*SUM:*		1021	*SUM:*			1046	*SUM:*			1066	*SUM:*			1066
VOLUME/CAPACITY (*V/C*) RATIO:				0.668			0.681				0.697				0.711				0.711
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.598			0.611				0.597				0.611				0.611
LEVEL OF SERVICE (LOS):				A			B				A				B				B

PROJECT IMPACT

Change in *v/c* due to project: 0.014 — *Δv/c* after mitigation: 0.014

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	174	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	68	1	68	0	68	68	0	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	702	2	**351**	0	702	**351**	0	710	2	**355**	0	710	2	**355**	0	710	2	**355**
	Through-Right		1							1				1				1	
	Right	68	1	35	0	68	35	0	69	1	36	0	69	1	36	0	69	1	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	105	1	**105**	0	105	**105**	0	106	1	**106**	0	106	1	**106**	0	106	1	**106**
	Left-Through		0							0				0				0	
	Through	714	2	357	0	714	357	0	723	2	362	0	723	2	362	0	723	2	362
	Through-Right		0							1				1				1	
	Right	129	1	77	0	129	77	0	131	1	78	0	131	1	78	0	131	1	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	105	1	105	0	105	**105**	0	106	1	106	0	106	1	**106**	0	106	1	**106**
	Left-Through		0							0				0				0	
	Through	989	3	**330**	12	1001	334	187	1188	3	**396**	12	1200	3	400	0	1200	3	400
	Through-Right		0							0				0				0	
	Right	69	1	35	0	69	35	0	70	1	36	0	70	1	36	0	70	1	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	66	1	**66**	0	66	66	0	67	1	**67**	0	67	1	67	0	67	1	67
	Left-Through		0							0				0				0	
	Through	764	3	255	267	1031	**344**	186	959	3	320	268	1227	3	**409**	0	1227	3	**409**
	Through-Right		0							0				0				0	
	Right	64	1	12	0	64	12	0	65	1	12	0	65	1	12	0	65	1	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		456	*North-South:*		456	*North-South:*			461	*North-South:*			461	*North-South:*			461
		East-West:		396	*East-West:*		449	*East-West:*			463	*East-West:*			515	*East-West:*			515
		SUM:		852	*SUM:*		905	*SUM:*			924	*SUM:*			976	*SUM:*			976
VOLUME/CAPACITY (*V/C*) RATIO:				0.568			0.603				0.616				0.651				0.651
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.468			0.503				0.516				0.551				0.551
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.035 — *Δv/c* after mitigation: 0.035

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	175	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	88	1	88	0	88	88	0	89	1	89	0	89	1	89	0	89	1	89
	Left-Through		0							0				0				0	
	Through	682	2	**341**	0	682	**341**	0	690	2	**345**	0	690	2	**345**	0	690	2	**345**
	Through-Right		0							0				0				0	
	Right	50	1	25	0	50	25	0	51	1	26	0	51	1	26	0	51	1	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	91	1	**91**	0	91	**91**	0	92	1	**92**	0	92	1	**92**	0	92	1	**92**
	Left-Through		0							0				0				0	
	Through	671	2	336	0	671	336	0	679	2	340	0	679	2	340	0	679	2	340
	Through-Right		0							0				0				0	
	Right	90	1	35	0	90	35	0	91	1	36	0	91	1	36	0	91	1	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	110	1	110	0	110	**110**	0	111	1	111	0	111	1	**111**	0	111	1	**111**
	Left-Through		0							0				0				0	
	Through	582	1	**331**	12	594	337	112	701	1	**391**	12	713	1	397	0	713	1	397
	Through-Right		1							1				1				1	
	Right	80	0	80	0	80	80	0	81	0	81	0	81	0	81	0	81	0	81
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	50	1	**50**	0	50	50	0	51	1	**51**	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	458	1	269	79	537	**308**	113	577	1	329	79	656	1	**368**	0	656	1	**368**
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	0	80	0	80	0	80	0	80	0	80	0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		432	*North-South:*		432	*North-South:*			437	*North-South:*			437	*North-South:*			437
		East-West:		381	*East-West:*		418	*East-West:*			442	*East-West:*			479	*East-West:*			479
		SUM:		813	*SUM:*		850	*SUM:*			879	*SUM:*			916	*SUM:*			916
VOLUME/CAPACITY (*V/C*) RATIO:				0.542			0.567				0.586				0.611				0.611
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.442			0.467				0.486				0.511				0.511
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.025 — *Δv/c* after mitigation: 0.025

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	176	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	0	**55**	0	55	**55**	0	56	0	**56**	0	56	0	**56**	0	56	0	**56**
	Left-Through		1							1				1				1	
	Through	731	0	493	0	731	493	0	740	0	499	0	740	0	499	0	740	0	499
	Through-Right		1							1				1				1	
	Right	34	0	493	0	34	493	0	34	0	499	0	34	0	499	0	34	0	499
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	30	0	30	0	30	30	0	30	0	30	0	30	0	30	0	30	0	30
	Left-Through		1							1				1				1	
	Through	755	0	**473**	0	755	**473**	0	764	0	**478**	0	764	0	**478**	0	764	0	**478**
	Through-Right		1							1				1				1	
	Right	70	1	473	0	70	473	0	71	0	478	0	71	0	478	0	71	0	478
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	63	1	63	0	63	63	0	64	1	64	0	64	1	64	0	64	1	64
	Left-Through		0							0				0				0	
	Through	787	2	**394**	6	793	**397**	45	841	2	**421**	7	848	2	**424**	0	848	2	**424**
	Through-Right		0							0				0				0	
	Right	123	1	123	0	123	123	0	124	1	124	0	124	1	124	0	124	1	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	60	1	60	0	60	60	0	61	1	61	0	61	1	61	0	61	1	**61**
	Left-Through		0							0				0				0	
	Through	486	1	**266**	181	667	**356**	34	526	1	**286**	181	707	1	**377**	0	707	1	377
	Through-Right		1							1				1				1	
	Right	45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		528	*North-South:*		528	*North-South:*			534	*North-South:*			534	*North-South:*			534
		East-West:		660	*East-West:*		753	*East-West:*			707	*East-West:*			801	*East-West:*			801
		SUM:		1188	*SUM:*		1281	*SUM:*			1241	*SUM:*			1335	*SUM:*			1335
VOLUME/CAPACITY (*V/C*) RATIO:				0.792			0.854				0.827				0.890				0.890
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.692			0.754				0.727				0.790				0.790
LEVEL OF SERVICE (LOS):				B			C				C				C				C

PROJECT IMPACT

Change in *v/c* due to project: 0.063 — *Δv/c* after mitigation: 0.063

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Saturday Day: Post-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
177	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
	No. of Phases			2			2			2	2			2				2	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0	0			0				0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB-- EB-- 0 WB--		0	NB-- 0 SB-- EB-- 0 WB--		0	NB-- 0 SB-- EB-- 0 WB--			0	NB-- 0 SB-- EB-- 0 WB--			0	NB-- 0 SB-- EB-- 0 WB--			0
	ATSAC-1 or ATSAC+ATCS-2?			2			2				2				2				2
	Override Capacity			0			0				0				0				0
NORTHBOUND	Left	66	0	**66**	0	66	**66**	0	67	0	**67**	0	67	0	**67**	0	67	0	**67**
	Left-Through		1							1				1				1	
	Through	672	0	518	0	672	518	0	680	0	524	0	680	0	524	0	680	0	524
	Through-Right		1							1				1				1	
	Right	99	0	518	0	99	518	0	100	0	524	0	100	0	524	0	100	0	524
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through		1							1				1				1	
	Through	911	0	**521**	0	911	**521**	0	922	0	**527**	0	922	0	**527**	0	922	0	**527**
	Through-Right		1							1				1				1	
	Right	35	0	521	0	35	521	0	35	0	527	0	35	0	527	0	35	0	527
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	98	1	98	0	98	98	0	99	1	99	0	99	1	99	0	99	1	99
	Left-Through		0							0				0				0	
	Through	520	1	**314**	12	532	**320**	111	637	1	**373**	12	649	1	**379**	0	649	1	**379**
	Through-Right		1							1				1				1	
	Right	107	0	107	0	107	107	0	108	0	108	0	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	89	1	**89**	0	89	**89**	0	90	1	**90**	0	90	1	**90**	0	90	1	**90**
	Left-Through		0							0				0				0	
	Through	583	2	212	-17	566	206	96	686	2	246	-19	667	2	240	0	667	2	240
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		587	*North-South:*		587	*North-South:*			594	*North-South:*			594	*North-South:*			594
		East-West:		403	*East-West:*		409	*East-West:*			463	*East-West:*			469	*East-West:*			469
		SUM:		990	*SUM:*		996	*SUM:*			1057	*SUM:*			1063	*SUM:*			1063
	VOLUME/CAPACITY *(V/C)* RATIO:			0.660			0.664				0.705				0.709				0.709
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.560			0.564				0.605				0.609				0.609
	LEVEL OF SERVICE (LOS):			A			A				B				B				B

PROJECT IMPACT

Change in *v/c* due to project:	0.004	Δ*v/c* after mitigation:	0.004
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	1	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0
	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	0	**17**	0	17	**17**	92	109	0	**109**	0	109	0	**109**	0	109	0	**109**
	Left-Through		1							1				1				1	
	Through	19	1	18	0	19	18	40	59	1	59	1	60	1	60	0	60	1	60
	Through-Right		0							0				0				0	
	Right	41	1	0	71	112	36	24	65	1	1	101	166	1	77	0	166	1	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	Left-Through		0							0				0				0	
	Through	4	0	**53**	0	4	**53**	0	4	0	**210**	0	4	0	**210**	0	4	0	**210**
	Through-Right		0							0				0				0	
	Right	21	0	0	0	21	0	157	178	0	0	0	178	0	0	0	178	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	153	1	**153**	109	262	**262**	109	264	1	**264**	110	374	1	**374**	0	374	1	**374**
	Left-Through		0							0				0				0	
	Through	762	3	254	241	1003	334	264	1035	3	345	241	1276	3	425	0	1276	3	425
	Through-Right		0							0				0				0	
	Right	19	1	19	83	102	102	10	29	1	0	83	112	1	58	0	112	1	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	51	1	51	25	76	76	12	64	1	64	25	89	1	89	0	89	1	89
	Left-Through		0							0				0				0	
	Through	1096	2	**401**	87	1183	**443**	180	1289	2	**487**	86	1375	2	**528**	0	1375	2	**528**
	Through-Right		1							1				1				1	
	Right	107	0	107	39	146	146	63	171	0	171	39	210	0	210	0	210	0	210
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		70	North-South:		70	North-South:			319	North-South:			319	North-South:			319
		East-West:		554	East-West:		705	East-West:			751	East-West:			902	East-West:			902
		SUM:		624	SUM:		775	SUM:			1070	SUM:			1221	SUM:			1221
VOLUME/CAPACITY (V/C) RATIO:				0.438			0.544				0.751				0.857				0.857
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.338			0.444				0.651				0.757				0.757
LEVEL OF SERVICE (LOS):				A			A				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.106 | Δv/c after mitigation: 0.106
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	2	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			1			1			1			1			1			1			1		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0
	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	Left-Through		1							1				1				1	
	Through	2	0	**28**	0	2	**28**	0	2	0	**28**	0	2	0	**28**	0	2	0	**28**
	Through-Right		0							0				0				0	
	Right	15	1	0	0	15	0	0	15	1	0	0	15	1	0	0	15	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	1	11	0	11	11	211	222	1	**222**	0	222	1	**222**	0	222	1	**222**
	Left-Through		0							0				0				0	
	Through	6	0	**41**	0	6	**41**	0	6	0	41	0	6	0	41	0	6	0	41
	Through-Right		1							1				1				1	
	Right	35	0	0	0	35	0	0	35	0	0	0	35	0	0	0	35	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	19	1	**19**	40	59	59	0	19	1	**19**	40	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	824	2	281	272	1096	**372**	288	1122	2	381	302	1424	2	**481**	0	1424	2	**481**
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	0	20	0	20	0	20	0	20	0	20	0	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	21	1	21	216	237	**237**	0	21	1	21	249	270	1	**270**	0	270	1	**270**
	Left-Through		0							0				0				0	
	Through	1237	2	**420**	151	1388	520	255	1507	2	**538**	149	1656	2	637	0	1656	2	637
	Through-Right		1							1				1				1	
	Right	23	0	23	149	172	172	83	106	0	106	149	255	0	255	0	255	0	255
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		69	North-South:		69	North-South:			250	North-South:			250	North-South:			250
		East-West:		439	East-West:		609	East-West:			557	East-West:			751	East-West:			751
		SUM:		508	SUM:		678	SUM:			807	SUM:			1001	SUM:			1001
VOLUME/CAPACITY (V/C) RATIO:				0.369			0.493				0.587				0.728				0.728
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.269			0.393				0.487				0.628				0.628
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.141 | Δv/c after mitigation: 0.141
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	3	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0
	EB-- 3	WB-- 0	0	EB-- 3	WB-- 0	0	EB-- 3	WB-- 0	0	EB-- 3	WB-- 0	0	EB-- 3	WB-- 0	0	EB-- 3	WB-- 0	0	EB-- 3	WB-- 0	0	EB-- 3	WB-- 0	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	186	1	186	81	267	267	107	295	1	295	89	384	1	384	0	384	1	384
	Left-Through		0							0				0				0	
	Through	1171	4	**293**	282	1453	**363**	515	1700	4	**425**	332	2032	4	**508**	0	2032	4	**508**
	Through-Right		0							0				0				0	
	Right	113	1	90	0	113	70	49	163	1	121	0	163	1	101	0	163	1	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	111	1	**111**	127	238	**238**	28	140	1	**140**	127	267	1	**267**	0	267	1	**267**
	Left-Through		0							0				0				0	
	Through	697	3	232	91	788	263	408	1113	3	371	76	1189	3	396	0	1189	3	396
	Through-Right		0							0				0				0	
	Right	130	1	0	55	185	0	62	194	1	0	101	295	1	0	0	295	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	46	1	46	40	86	86	38	85	1	85	40	125	1	125	0	125	1	125
	Left-Through		0							0				0				0	
	Through	1062	3	**354**	429	1491	**497**	230	1305	3	**435**	459	1764	3	**588**	0	1764	3	**588**
	Through-Right		0							0				0				0	
	Right	154	1	154	150	304	304	82	238	1	238	150	388	1	388	0	388	1	388
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		293	North-South:		363	North-South:			425	North-South:			508	North-South:			508
		East-West:		465	East-West:		735	East-West:			575	East-West:			855	East-West:			855
		SUM:		758	SUM:		1098	SUM:			1000	SUM:			1363	SUM:			1363
VOLUME/CAPACITY (V/C) RATIO:				0.532			0.771				0.702				0.956				0.956
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.432			0.671				0.602				0.856				0.856
LEVEL OF SERVICE (LOS):				A			B				B				D				D

PROJECT IMPACT

Change in v/c due to project: 0.254 | Δv/c after mitigation: 0.254
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	4	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0
	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	56	0	56	0	56	56	18	75	0	75	0	75	0	75	0	75	0	75
	Left-Through		1							1				1				1	
	Through	1005	3	265	243	1248	326	676	1693	3	**442**	245	1938	3	503	0	1938	3	503
	Through-Right		0							0				0				0	
	Right	347	1	**347**	259	606	**606**	62	413	1	413	259	672	1	**672**	0	672	1	**672**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	726	2	363	50	776	388	404	1139	2	570	50	1189	2	595	0	1189	2	595
	Through-Right		0							0				0				0	
	Right	55	1	55	42	97	97	54	110	1	110	26	136	1	136	0	136	1	136
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	28	1	28	51	79	79	10	38	1	38	51	89	1	89	0	89	1	89
	Left-Through		0							0				0				0	
	Through	940	2	**470**	304	1244	**622**	288	1239	2	**620**	334	1573	2	**787**	0	1573	2	**787**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		347	North-South:		606	North-South:			442	North-South:			672	North-South:			672
		East-West:		470	East-West:		622	East-West:			620	East-West:			787	East-West:			787
		SUM:		817	SUM:		1228	SUM:			1062	SUM:			1459	SUM:			1459
VOLUME/CAPACITY (V/C) RATIO:				0.545			0.819				0.708				0.973				0.973
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.445			0.719				0.608				0.873				0.873
LEVEL OF SERVICE (LOS):				A			C				B				D				D

PROJECT IMPACT

Change in v/c due to project: 0.265 | Δv/c after mitigation: 0.265
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	5	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	99	1	99	0	99	99	58	158	1	158	0	158	1	158	0	158	1	158
	Left-Through		0							0				0				0	
	Through	1199	4	300	79	1278	320	464	1677	4	419	80	1757	4	439	0	1757	4	439
	Through-Right		0							0				0				0	
	Right	224	1	224	52	276	276	47	274	1	274	52	326	1	326	0	326	1	326
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	732	1	410	0	732	416	288	1029	1	622	0	1029	1	628	0	1029	1	628
	Through-Right		1							1				1				1	
	Right	87	0	87	12	99	99	127	215	0	215	12	227	0	227	0	227	0	227
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	93	1	93	0	93	93	9	103	1	103	0	103	1	103	0	103	1	103
	Left-Through		0							0				0				0	
	Through	936	2	468	103	1039	520	243	1190	2	595	103	1293	2	647	0	1293	2	647
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		300	North-South:		320	North-South:			419	North-South:			439	North-South:			439
		East-West:		503	East-West:		520	East-West:			725	East-West:			731	East-West:			731
		SUM:		803	SUM:		840	SUM:			1144	SUM:			1170	SUM:			1170
VOLUME/CAPACITY (V/C) RATIO:				0.535			0.560				0.763				0.780				0.780
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.435			0.460				0.663				0.680				0.680
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.017 | Δv/c after mitigation: 0.017

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	6	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	116	0	116	79	195	195	44	161	0	161	45	206	0	206	0	206	0	206
	Left-Through		1							1				1				1	
	Through	811	2	241	134	945	295	329	1150	2	341	170	1320	2	394	0	1320	2	394
	Through-Right		1							1				1				1	
	Right	38	0	241	0	38	295	13	51	0	341	0	51	0	394	0	51	0	394
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	129	1	129	0	129	129	73	204	1	204	0	204	1	204	0	204	1	204
	Left-Through		0							0				0				0	
	Through	705	2	353	0	705	353	273	987	2	494	0	987	2	494	0	987	2	494
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	890	1	486	59	949	515	208	1109	1	623	59	1168	1	652	0	1168	1	652
	Through-Right		1							1				1				1	
	Right	81	0	81	0	81	81	54	136	0	136	0	136	0	136	0	136	0	136
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		241	North-South:		295	North-South:			341	North-South:			394	North-South:			394
		East-West:		615	East-West:		644	East-West:			827	East-West:			856	East-West:			856
		SUM:		856	SUM:		939	SUM:			1168	SUM:			1250	SUM:			1250
VOLUME/CAPACITY (V/C) RATIO:				0.571			0.626				0.779				0.833				0.833
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.471			0.526				0.679				0.733				0.733
LEVEL OF SERVICE (LOS):				A			A				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.054 | Δv/c after mitigation: 0.054

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	7	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	50	1	50	5	55	55	36	87	1	87	5	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	445	1	250	222	667	361	124	574	1	360	222	796	1	471	0	796	1	471
	Through-Right		1							1				1				1	
	Right	54	0	54	0	54	54	90	145	0	145	0	145	0	145	0	145	0	145
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	30	1	30	0	30	30	7	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	683	2	342	0	683	342	293	984	2	492	0	984	2	492	0	984	2	492
	Through-Right		0							0				0				0	
	Right	172	1	146	24	196	170	37	211	1	177	24	235	1	201	0	235	1	201
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	52	1	52	0	52	52	16	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		0							0				0				0	
	Through	613	1	339	0	613	339	193	813	1	478	1	814	1	478	0	814	1	478
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	77	142	0	142	0	142	0	142	0	142	0	142
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	50	1	50	10	60	60	151	202	1	202	10	212	1	212	0	212	1	212
	Left-Through		0							0				0				0	
	Through	756	1	399	29	785	421	189	954	1	507	29	983	1	528	0	983	1	528
	Through-Right		1							1				1				1	
	Right	42	0	42	14	56	56	16	59	0	59	14	73	0	73	0	73	0	73
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		392	North-South:		397	North-South:			579	North-South:			584	North-South:			584
		East-West:		451	East-West:		473	East-West:			680	East-West:			690	East-West:			690
		SUM:		843	SUM:		870	SUM:			1259	SUM:			1274	SUM:			1274
VOLUME/CAPACITY (V/C) RATIO:				0.562			0.580				0.839				0.849				0.849
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.462			0.480				0.739				0.749				0.749
LEVEL OF SERVICE (LOS):				A			A				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.010 | Δv/c after mitigation: 0.010

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	8	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	44	1	44	16	60	60	60	105	1	105	16	121	1	121	0	121	1	121
	Left-Through		0							0				0				0	
	Through	553	2	207	1	554	207	73	633	1	351	1	634	1	352	0	634	1	352
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	0	69	0	69	0	69	0	69	0	69	0	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	21	1	21	0	21	21	34	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	446	1	268	0	446	268	131	582	0	715	0	582	0	715	0	582	0	715
	Through-Right		1							1				1				1	
	Right	90	0	90	0	90	90	42	133	0	0	0	133	0	0	0	133	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	57	1	57	0	57	57	50	108	1	108	0	108	1	108	0	108	1	108
	Left-Through		0							0				0				0	
	Through	605	1	333	0	605	333	207	819	1	457	0	819	1	457	0	819	1	457
	Through-Right		1							1				1				1	
	Right	60	0	60	0	60	60	33	94	0	94	0	94	0	94	0	94	0	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	712	1	390	42	754	411	256	977	1	526	42	1019	1	547	0	1019	1	547
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	5	74	0	74	0	74	0	74	0	74	0	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		312	North-South:		328	North-South:			820	North-South:			836	North-South:			836
		East-West:		447	East-West:		468	East-West:			634	East-West:			655	East-West:			655
		SUM:		759	SUM:		796	SUM:			1454	SUM:			1491	SUM:			1491
VOLUME/CAPACITY (V/C) RATIO:				0.506			0.531				0.969				0.994				0.994
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.406			0.431				0.869				0.894				0.894
LEVEL OF SERVICE (LOS):				A			A				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.025 | Δv/c after mitigation: 0.025

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
9	Main	2011	0.2	Eric Ji	1/9/2012
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Olympic	2017			LAEC

No. of Phases: NB-- 0 SB-- 3 | EB-- 0 WB-- 0 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0
ATSAC-1 or ATSAC+ATCS-2?: 2 | 2 | 2 | 2
Override Capacity: 0 | 0 | 0 | 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	60	1	60	0	60	60	3	64	1	64	0	64	1	64	0	64	1	64
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	880	2	440	65	945	473	220	1111	2	556	65	1176	2	588	0	1176	2	588
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	80	1	44	0	80	44	9	90	1	49	0	90	1	49	0	90	1	49
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	36	1	36	0	36	36	22	58	1	58	0	58	1	58	0	58	1	58
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	673	2	337	42	715	358	226	907	1	907	42	949	1	949	0	949	1	949
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	198	1	112	17	215	129	79	279	1	171	17	296	1	188	0	296	1	188
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	172	1	172	0	172	172	42	216	1	216	0	216	1	216	0	216	1	216
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	447	1	257	0	447	257	199	651	1	360	0	651	1	360	0	651	1	360
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	72	1	72	0	72	72	9	82	1	82	0	82	1	82	0	82	1	82
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	581	1	357	25	606	370	178	766	1	468	25	791	1	481	0	791	1	481
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	133	0	133	0	133	133	35	170	0	170	0	170	0	170	0	170	0	170
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		476	North-South:		509	North-South:			971	North-South:			1013	North-South:			1013
	East-West:		529	East-West:		542	East-West:			684	East-West:			697	East-West:			697
	SUM:		1005	SUM:		1051	SUM:			1655	SUM:			1710	SUM:			1710
VOLUME/CAPACITY (V/C) RATIO:			0.705			0.738				1.161				1.200				1.200
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.605			0.638				1.061				1.100				1.100
LEVEL OF SERVICE (LOS):			B			B				F				F				F

PROJECT IMPACT

Change in v/c due to project: 0.039 | Δv/c after mitigation: 0.039
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
10	Los Angeles	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Olympic	2017			LAEC

No. of Phases: NB-- 0 SB-- 2 | EB-- 0 WB-- 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0
ATSAC-1 or ATSAC+ATCS-2?: 2 | 2 | 2 | 2
Override Capacity: 0 | 0 | 0 | 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	53	1	53	0	53	53	14	68	1	68	0	68	1	68	0	68	1	68
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	265	1	167	10	275	172	30	298	1	184	10	308	1	189	0	308	1	189
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	69	0	69	0	69	69	0	70	0	70	0	70	0	70	0	70	0	70
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	381	1	262	10	391	267	17	403	1	274	10	413	1	279	0	413	1	279
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	143	0	143	0	143	143	0	145	0	145	0	145	0	145	0	145	0	145
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	109	1	109	0	109	109	0	110	1	110	0	110	1	110	0	110	1	110
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	406	1	254	0	406	254	199	610	1	364	0	610	1	364	0	610	1	364
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	102	0	102	0	102	102	14	117	0	117	0	117	0	117	0	117	0	117
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	49	1	49	0	49	49	0	50	1	50	0	50	1	50	0	50	1	50
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	477	1	272	25	502	285	167	650	1	359	25	675	1	372	0	675	1	372
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		315	North-South:		320	North-South:			342	North-South:			347	North-South:			347
	East-West:		381	East-West:		394	East-West:			469	East-West:			482	East-West:			482
	SUM:		696	SUM:		714	SUM:			811	SUM:			829	SUM:			829
VOLUME/CAPACITY (V/C) RATIO:			0.464			0.476				0.541				0.553				0.553
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.364			0.376				0.441				0.453				0.453
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.012 | Δv/c after mitigation: 0.012
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
11	Santee	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Olympic	2017			LAEC

No. of Phases: NB-- 0 SB-- 2 | EB-- 0 WB-- 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0
ATSAC-1 or ATSAC+ATCS-2?: 2 | 2 | 2 | 2
Override Capacity: 0 | 0 | 0 | 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	54	0	169	0	54	169	0	55	0	172	0	55	0	172	0	55	0	172
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	70	0	0	0	70	0	0	71	0	0	0	71	0	0	0	71	0	0
NORTHBOUND Left-Through-Right		1							1				1				1	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	19	0	19	0	19	19	1	20	0	20	0	20	0	20	0	20	0	20
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	69	0	280	0	69	280	0	70	0	284	0	70	0	284	0	70	0	284
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	192	0	0	0	192	0	0	194	0	0	0	194	0	0	0	194	0	0
SOUTHBOUND Left-Through-Right		1							1				1				1	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	72	1	72	0	72	72	0	73	1	73	0	73	1	73	0	73	1	73
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	381	1	218	0	381	218	199	585	1	321	0	585	1	321	0	585	1	321
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	21	1	21	0	21	21	0	21	1	21	0	21	1	21	0	21	1	21
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	343	1	187	25	368	200	167	514	1	274	25	539	1	286	0	539	1	286
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	31	0	31	0	31	31	2	33	0	33	0	33	0	33	0	33	0	33
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		325	North-South:		325	North-South:			330	North-South:			330	North-South:			330
	East-West:		259	East-West:		272	East-West:			347	East-West:			359	East-West:			359
	SUM:		584	SUM:		597	SUM:			677	SUM:			689	SUM:			689
VOLUME/CAPACITY (V/C) RATIO:			0.389			0.398				0.451				0.459				0.459
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.289			0.298				0.351				0.359				0.359
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.008 | Δv/c after mitigation: 0.008
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
12	Maple	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Olympic	2017			LAEC

No. of Phases: NB-- 0 SB-- 2 | EB-- 0 WB-- 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0
ATSAC-1 or ATSAC+ATCS-2?: 2 | 2 | 2 | 2
Override Capacity: 0 | 0 | 0 | 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	66	1	66	0	66	66	2	69	1	69	0	69	1	69	0	69	1	69
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	157	0	214	0	157	214	11	170	0	228	0	170	0	228	0	170	0	228
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	57	0	0	0	57	0	0	58	0	0	0	58	0	0	0	58	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	173	0	274	0	173	274	0	175	0	277	0	175	0	277	0	175	0	277
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	101	0	0	0	101	0	0	102	0	0	0	102	0	0	0	102	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	60	1	60	0	60	60	0	61	1	61	0	61	1	61	0	61	1	61
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	298	0	298	0	298	298	197	499	1	499	0	499	1	499	0	499	1	499
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	118	1	85	0	118	85	4	123	1	89	0	123	1	89	0	123	1	89
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	13	1	13	0	13	13	0	13	1	13	0	13	1	13	0	13	1	13
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	222	0	249	25	247	274	167	392	0	419	25	417	0	444	0	417	0	444
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	27	0	0	0	27	0	0	27	0	0	0	27	0	0	0	27	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		340	North-South:		340	North-South:			346	North-South:			346	North-South:			346
	East-West:		311	East-West:		334	East-West:			512	East-West:			512	East-West:			512
	SUM:		651	SUM:		674	SUM:			858	SUM:			858	SUM:			858
VOLUME/CAPACITY (V/C) RATIO:			0.434			0.449				0.572				0.572				0.572
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.334			0.349				0.472				0.472				0.472
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
13	Maple	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	9th	2017			LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	25	0	25	0	25	25	0	25	0	25	0	25	0	25	0	25	0	25
	Left-Through		0							0				0				0	
	Through	154	0	266	0	154	266	11	167	0	280	0	167	0	280	0	167	0	280
	Through-Right		0							0				0				0	
	Right	87	0	0	0	87	0	0	88	0	0	0	88	0	0	0	88	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	Left-Through		0							0				0				0	
	Through	154	0	221	0	154	221	0	156	0	223	0	156	0	223	0	156	0	223
	Through-Right		0							0				0				0	
	Right	39	0	0	0	39	0	0	39	0	0	0	39	0	0	0	39	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through		1							1				1				1	
	Through	681	0	387	24	705	399	219	908	0	501	24	932	0	513	0	932	0	513
	Through-Right		1							1				1				1	
	Right	54	0	387	0	54	399	0	55	0	501	0	55	0	513	0	55	0	513
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	73	0	73	0	73	73	0	74	0	74	0	74	0	74	0	74	0	74
	Left-Through		1							1				1				1	
	Through	296	0	322	0	296	322	0	300	0	326	0	300	0	326	0	300	0	326
	Through-Right		1							1				1				1	
	Right	55	0	322	0	55	322	0	56	0	326	0	56	0	326	0	56	0	326
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		294	North-South:		294	North-South:			308	North-South:			308	North-South:			308
		East-West:		460	East-West:		472	East-West:			575	East-West:			587	East-West:			575
		SUM:		754	SUM:		766	SUM:			883	SUM:			895	SUM:			883
VOLUME/CAPACITY (V/C) RATIO:				0.503			0.511				0.589				0.597				0.589
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.403			0.411				0.489				0.497				0.497
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.008 | Δv/c after mitigation: 0.008
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
14	San Pedro	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	9th	2017			LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	96	1	96	0	96	96	0	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	594	1	366	0	594	366	19	620	1	380	0	620	1	380	0	620	1	380
	Through-Right		1							1				1				1	
	Right	137	0	137	0	137	137	0	139	0	139	0	139	0	139	0	139	0	139
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	1	44	0	44	44	0	45	1	45	0	45	1	45	0	45	1	45
	Left-Through		0							0				0				0	
	Through	496	1	279	0	496	279	0	502	1	283	0	502	1	283	0	502	1	283
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	0	37	0	37	37	1	38	0	38	0	38	0	38	0	38	0	38
	Left-Through		1							1				1				1	
	Through	753	0	453	24	777	465	196	958	0	567	24	982	0	579	0	982	0	579
	Through-Right		1							1				1				1	
	Right	78	0	453	0	78	465	21	100	0	567	0	100	0	579	0	100	0	579
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	76	0	76	27	103	103	0	77	0	77	27	104	0	104	0	104	0	104
	Left-Through		1							1				1				1	
	Through	414	0	424	0	414	478	0	419	0	508	0	419	0	553	0	419	0	553
	Through-Right		1							1				1				1	
	Right	129	0	424	0	129	478	3	134	0	508	0	134	0	0	0	134	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		410	North-South:		410	North-South:			425	North-South:			425	North-South:			425
		East-West:		529	East-West:		568	East-West:			644	East-West:			683	East-West:			683
		SUM:		939	SUM:		978	SUM:			1069	SUM:			1108	SUM:			1108
VOLUME/CAPACITY (V/C) RATIO:				0.626			0.652				0.713				0.739				0.739
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.526			0.552				0.613				0.639				0.639
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.026 | Δv/c after mitigation: 0.026
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
15	LA Live Way	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Chick Hearn Ct	2017			LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	169	1	169	-169	0	0	0	171	1	171	-171	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	638	2	227	-382	256	85	12	658	2	242	-401	257	2	86	0	257	2	86
	Through-Right		1							1				1				1	
	Right	44	0	44	-44	0	0	24	69	0	69	-69	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	54	0	54	0	54	54	0	55	0	55	0	55	0	55	0	55	0	55
	Left-Through		1							1				1				1	
	Through	31	0	45	152	183	216	71	102	1	113	81	183	0	233	0	183	1	233
	Through-Right		1							1				1				1	
	Right	14	0	0	181	195	216	0	14	0	113	213	227	0	233	0	227	0	233
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	15	1	15	-15	0	0	0	15	1	15	-15	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	210	2	105	-156	54	27	81	294	2	147	-230	64	2	32	0	64	2	32
	Through-Right		0							0				0				0	
	Right	24	1	24	0	24	24	15	39	1	39	-35	4	1	4	0	4	1	4
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		227	North-South:		85	North-South:			242	North-South:			86	North-South:			86
		East-West:		159	East-West:		216	East-West:			202	East-West:			233	East-West:			233
		SUM:		386	SUM:		301	SUM:			444	SUM:			319	SUM:			319
VOLUME/CAPACITY (V/C) RATIO:				0.257			0.201				0.296				0.213				0.213
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.157			0.101				0.196				0.113				0.113
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: -0.083 | Δv/c after mitigation: -0.083
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
16	Figueroa	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	11th	2017			LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 3 WB-- 3 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	33	1	33	-33	0	0	46	79	1	79	-79	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	1326	3	335	391	1717	433	634	1976	3	497	442	2418	3	608	0	2418	3	608
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	0	13	0	13	0	13	0	13	0	13	0	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	2	1	2	0	2	2	0	2	1	2	0	2	1	2	0	2	1	2
	Left-Through		0							0				0				0	
	Through	159	1	88	111	270	135	100	261	1	139	157	418	1	209	0	418	1	209
	Through-Right		1							1				1				1	
	Right	16	0	16	-16	0	0	0	16	0	16	-16	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	24	2	13	-24	0	0	0	24	2	13	-24	0	2	0	0	0	2	0
	Left-Through		0							0				0				0	
	Through	16	1	16	-16	0	0	0	16	1	16	-16	0	1	0	0	0	1	0
	Through-Right		0							0				0				0	
	Right	55	1	22	-55	0	0	96	152	1	73	-152	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	140	1	140	0	140	140	0	142	1	142	0	142	1	142	0	142	1	142
	Left-Through		0							0				0				0	
	Through	205	2	103	-205	0	0	60	267	2	134	-267	0	2	0	0	0	2	0
	Through-Right		0							0				0				0	
	Right	160	1	158	3	163	161	37	199	1	197	3	202	1	200	0	202	1	200
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		337	North-South:		435	North-South:			499	North-South:			610	North-South:			610
		East-West:		171	East-West:		161	East-West:			215	East-West:			200	East-West:			200
		SUM:		508	SUM:		596	SUM:			714	SUM:			810	SUM:			810
VOLUME/CAPACITY (V/C) RATIO:				0.369			0.433				0.519				0.589				0.589
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.269			0.333				0.419				0.489				0.489
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.070 | Δv/c after mitigation: 0.070
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	17	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1021	3	340	250	1271	424	726	1759	3	586	237	1996	3	665	0	1996	3	665
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	207	1	207	3	210	210	13	222	1	222	3	225	1	225	0	225	1	225
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	24	1	24	-16	8	8	0	24	1	24	-16	8	1	8	0	8	1	8
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	62	1	62	0	62	62	229	292	1	292	0	292	1	292	0	292	1	292
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	313	2	157	-190	123	62	84	401	2	201	-267	134	2	67	0	134	2	67
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		340	North-South:		424	North-South:			586	North-South:			665	North-South:			665
	East-West:		157	East-West:		70	East-West:			316	East-West:			300	East-West:			300
	SUM:		497	SUM:		494	SUM:			902	SUM:			965	SUM:			965
VOLUME/CAPACITY (V/C) RATIO:			0.349			0.347				0.633				0.677				0.677
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.249			0.247				0.533				0.577				0.577
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.044 Δv/c after mitigation: 0.044
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	18	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1353	3	367	91	1444	390	570	1939	3	522	92	2031	3	545	0	2031	3	545
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	116	0	116	0	116	116	30	147	0	147	0	147	0	147	0	147	0	147
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	138	1	138	415	553	553	157	297	1	297	451	748	1	748	0	748	1	748
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	303	2	152	-120	183	92	327	634	2	317	-139	495	2	248	0	495	2	248
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		367	North-South:		390	North-South:			522	North-South:			545	North-South:			545
	East-West:		152	East-West:		553	East-West:			317	East-West:			748	East-West:			748
	SUM:		519	SUM:		943	SUM:			839	SUM:			1293	SUM:			1293
VOLUME/CAPACITY (V/C) RATIO:			0.346			0.629				0.559				0.862				0.862
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.246			0.529				0.459				0.762				0.762
LEVEL OF SERVICE (LOS):			A			A				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.303 Δv/c after mitigation: 0.303
Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	19	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	105	0	105	288	393	393	321	427	0	427	288	715	0	715	0	715	0	715
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	809	3	229	189	998	333	386	1205	3	402	99	1304	3	435	0	1304	3	435
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	529	2	265	7	536	268	240	775	2	388	6	781	2	391	0	781	2	391
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	98	1	98	35	133	133	0	99	1	99	36	135	1	135	0	135	1	135
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		229	North-South:		393	North-South:			427	North-South:			715	North-South:			715
	East-West:		265	East-West:		268	East-West:			388	East-West:			391	East-West:			391
	SUM:		494	SUM:		661	SUM:			815	SUM:			1106	SUM:			1106
VOLUME/CAPACITY (V/C) RATIO:			0.329			0.441				0.543				0.737				0.737
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.229			0.341				0.443				0.637				0.637
LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.194 Δv/c after mitigation: 0.194
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	20	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1275	3	325	357	1632	414	521	1811	3	468	360	2171	3	558	0	2171	3	558
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	25	0	25	0	25	25	35	60	0	60	0	60	0	60	0	60	0	60
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	13	1	13	0	13	13	12	25	1	25	0	25	1	25	0	25	1	25
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	353	2	177	44	397	199	106	463	2	232	-7	456	2	228	0	456	2	228
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	1	0	0	0	0	0	0	1	0	1	1	1	1	0	1	1	1
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	42	1	42	0	42	42	0	43	1	43	0	43	1	43	0	43	1	43
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	11	0	0	11	0	0	0	11	0	0	0	11	0	0	0	11
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	11	0	0	0	11	0	0	11	0	0	0	11	0	0	0	11	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		338	North-South:		427	North-South:			493	North-South:			583	North-South:			583
	East-West:		45	East-West:		45	East-West:			46	East-West:			46	East-West:			46
	SUM:		383	SUM:		472	SUM:			539	SUM:			629	SUM:			629
VOLUME/CAPACITY (V/C) RATIO:			0.269			0.331				0.378				0.441				0.441
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.169			0.231				0.278				0.341				0.341
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.063 Δv/c after mitigation: 0.063
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	21	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	58	1	58	0	58	58	123	182	1	182	0	182	1	182	0	182	1	182
	Left-Through		0							0				0				0	
	Through	981	2	**343**	234	1215	**421**	649	1642	2	**564**	220	1862	2	**637**	0	1862	2	**637**
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	36	1	**21**	0	36	**21**	47	83	1	**44**	1	84	1	**45**	0	84	1	**45**
	Through-Right		1							1				1				1	
	Right	5	0	5	0	5	5	0	5	0	5	0	5	0	5	0	5	0	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		343	*North-South:*		421	*North-South:*			564	*North-South:*			637	*North-South:*			637
		East-West:		21	*East-West:*		21	*East-West:*			44	*East-West:*			45	*East-West:*			45
		SUM:		364	*SUM:*		442	*SUM:*			608	*SUM:*			682	*SUM:*			682
VOLUME/CAPACITY (*V/C*) RATIO:				0.243			0.295				0.405				0.455				0.455
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.143			0.195				0.305				0.355				0.355
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.050 — *Δv/c* after mitigation: 0.050

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	22	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	95	0	95	0	95	95	27	123	0	123	0	123	0	123	0	123	0	123
	Left-Through		1							1				1				1	
	Through	1396	3	**373**	200	1596	**423**	632	2045	3	**542**	236	2281	3	**601**	0	2281	3	**601**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	114	1	**96**	0	114	**96**	164	279	1	**195**	0	279	1	**195**	0	279	1	**195**
	Through-Right		1							1				1				1	
	Right	77	0	77	0	77	77	33	111	0	111	0	111	0	111	0	111	0	111
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		373	*North-South:*		423	*North-South:*			542	*North-South:*			601	*North-South:*			601
		East-West:		96	*East-West:*		96	*East-West:*			195	*East-West:*			195	*East-West:*			195
		SUM:		469	*SUM:*		519	*SUM:*			737	*SUM:*			796	*SUM:*			796
VOLUME/CAPACITY (*V/C*) RATIO:				0.313			0.346				0.491				0.531				0.531
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.213			0.246				0.391				0.431				0.431
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.040 — *Δv/c* after mitigation: 0.040

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	23	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	823	3	**274**	558	1381	**460**	631	1464	3	**488**	559	2023	3	**674**	0	2023	3	**674**
	Through-Right		0							0				0				0	
	Right	59	1	59	1	60	60	0	60	1	60	1	61	1	61	0	61	1	61
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	83	0	83	0	83	83	102	186	0	186	0	186	0	186	0	186	0	186
	Left-Through		1							1				1				1	
	Through	168	1	**126**	0	168	**126**	89	259	1	**223**	0	259	1	**223**	0	259	1	**223**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		274	*North-South:*		460	*North-South:*			488	*North-South:*			674	*North-South:*			674
		East-West:		126	*East-West:*		126	*East-West:*			223	*East-West:*			223	*East-West:*			223
		SUM:		400	*SUM:*		586	*SUM:*			711	*SUM:*			897	*SUM:*			897
VOLUME/CAPACITY (*V/C*) RATIO:				0.267			0.391				0.474				0.598				0.598
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.167			0.291				0.374				0.498				0.498
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.124 — *Δv/c* after mitigation: 0.124

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	24	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				1			1			1			1			1			1			1	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	670	2	**369**	339	1009	**555**	1	679	2	**373**	339	1018	2	**560**	0	1018	2	**560**
	Left-Through		0							0				0				0	
	Through	694	2	347	135	829	415	36	738	2	369	91	829	2	415	0	829	2	415
	Through-Right		0							0				0				0	
	Right	125	1	125	127	252	252	56	183	1	183	166	349	1	349	0	349	1	349
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	57	2	**31**	-57	0	**0**	0	58	2	**32**	-58	0	2	**0**	0	0	2	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	7	2	0	143	150	**83**	0	7	2	0	155	162	2	**89**	0	162	2	**89**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	108	1	**108**	-108	0	**0**	0	109	1	**109**	-109	0	1	**0**	0	0	1	**0**
	Left-Through		0							0				0				0	
	Through	514	3	171	129	643	214	135	655	3	218	233	888	3	296	0	888	3	296
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	444	2	**222**	95	539	**270**	94	543	2	**272**	111	654	2	**327**	0	654	2	**327**
	Through-Right		0							0				0				0	
	Right	90	1	75	-4	86	86	0	91	1	75	-5	86	1	86	0	86	1	86
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		400	*North-South:*		638	*North-South:*			405	*North-South:*			649	*North-South:*			649
		East-West:		330	*East-West:*		270	*East-West:*			381	*East-West:*			327	*East-West:*			327
		SUM:		730	*SUM:*		908	*SUM:*			786	*SUM:*			976	*SUM:*			976
VOLUME/CAPACITY (*V/C*) RATIO:				0.512			0.637				0.552				0.685				0.685
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.412			0.537				0.452				0.585				0.585
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.133 — *Δv/c* after mitigation: 0.133

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	25	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	Bond	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	2	2	2	2
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	2	2	2	2
	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	74	74	0	0	0	0	0	74	74	0	0	0	74	0	0
	Left-Through		0							0				0				0	
	Through	1563	3	521	282	1845	615	93	1675	3	558	236	1911	3	637	0	1911	3	637
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		1							1				1				1	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	12	0	0	23	0	0	0	12	0	0	0	24	0	0	0	24
	Through-Right		1							1				1				1	
	Right	23	1	0	22	45	0	0	23	1	0	24	47	1	0	0	47	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		521	North-South:		615	North-South:			558	North-South:			637	North-South:			637
		East-West:		12	East-West:		23	East-West:			12	East-West:			24	East-West:			24
		SUM:		533	SUM:		638	SUM:			570	SUM:			661	SUM:			661
VOLUME/CAPACITY (V/C) RATIO:				0.374			0.448				0.400				0.464				0.464
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.274			0.348				0.300				0.364				0.364
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.064 | Δv/c after mitigation: 0.064

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	26	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	3	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	3	0

	NB--	SB--	EB--	WB--
No. of Phases	4	4	4	4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	3	3	3	3
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	83	1	83	44	127	127	3	87	1	87	44	131	1	131	0	131	1	131
	Left-Through		0							0				0				0	
	Through	1196	3	314	165	1361	381	490	1700	3	442	166	1866	3	510	0	1866	3	510
	Through-Right		1							1				1				1	
	Right	58	0	58	105	163	163	9	68	0	68	105	173	0	173	0	173	0	173
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	15	1	15	0	15	15	4	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	343	2	172	0	343	172	40	387	2	194	-51	336	2	168	0	336	2	168
	Through-Right		0							0				0				0	
	Right	20	1	0	0	20	0	20	40	1	0	0	40	1	0	0	40	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	79	1	79	192	271	271	80	160	1	160	194	354	1	354	0	354	1	354
	Left-Through		0							0				0				0	
	Through	473	2	237	513	986	493	98	577	2	289	556	1133	2	567	0	1133	2	567
	Through-Right		0							0				0				0	
	Right	139	1	56	102	241	114	13	154	1	67	103	257	1	126	0	257	1	126
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	126	1	126	136	262	262	28	156	1	156	136	292	1	292	0	292	1	292
	Left-Through		0							0				0				0	
	Through	437	2	219	47	484	242	70	512	2	256	63	575	2	288	0	575	2	288
	Through-Right		0							0				0				0	
	Right	70	1	63	0	70	63	6	77	1	68	0	77	1	68	0	77	1	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		329	North-South:		396	North-South:			461	North-South:			529	North-South:			529
		East-West:		363	East-West:		755	East-West:			445	East-West:			859	East-West:			859
		SUM:		692	SUM:		1151	SUM:			906	SUM:			1388	SUM:			1388
VOLUME/CAPACITY (V/C) RATIO:				0.503			0.837				0.659				1.009				1.009
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.403			0.737				0.559				0.909				0.909
LEVEL OF SERVICE (LOS):				A			C				A				E				E

PROJECT IMPACT

Change in v/c due to project: 0.350 | Δv/c after mitigation: 0.350

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	27	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	9	9	0	0	0	9	0	0	0	9	0	0
	Left-Through		0							0				0				0	
	Through	908	2	338	85	993	416	600	1519	2	556	69	1588	2	630	0	1588	2	630
	Through-Right		1							1				1				1	
	Right	106	0	106	149	255	255	43	150	0	150	151	301	0	301	0	301	0	301
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	487	1	280	432	919	582	122	615	1	347	473	1088	1	670	0	1088	1	670
	Through-Right		1							1				1				1	
	Right	73	0	73	172	245	245	4	78	0	78	174	252	0	252	0	252	0	252
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	45	0	45	0	45	45	-46	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		1							0				0				0	
	Through	558	1	324	129	687	479	159	724	2	362	53	777	2	389	0	777	2	389
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		338	North-South:		416	North-South:			556	North-South:			630	North-South:			630
		East-West:		325	East-West:		627	East-West:			362	East-West:			670	East-West:			670
		SUM:		663	SUM:		1043	SUM:			918	SUM:			1300	SUM:			1300
VOLUME/CAPACITY (V/C) RATIO:				0.442			0.695				0.612				0.867				0.867
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.342			0.595				0.512				0.767				0.767
LEVEL OF SERVICE (LOS):				A			A				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.255 | Δv/c after mitigation: 0.255

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	28	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	2	2	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	45	0	45	0	45	45	8	54	0	54	0	54	0	54	0	54	0	54
	Left-Through		1							1				1				1	
	Through	1428	2	390	139	1567	439	618	2063	2	561	175	2238	2	619	0	2238	2	619
	Through-Right		1							1				1				1	
	Right	88	0	390	57	145	439	39	128	0	561	57	185	0	619	0	185	0	619
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	435	1	252	117	552	311	116	556	1	318	118	674	1	377	0	674	1	377
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	9	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	61	0	61	0	61	61	64	126	0	126	0	126	0	126	0	126	0	126
	Left-Through		1							1				1				1	
	Through	506	1	314	37	543	394	75	587	1	546	36	623	1	564	0	623	1	564
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		390	North-South:		439	North-South:			561	North-South:			619	North-South:			619
		East-West:		314	East-West:		394	East-West:			546	East-West:			564	East-West:			564
		SUM:		704	SUM:		833	SUM:			1107	SUM:			1183	SUM:			1183
VOLUME/CAPACITY (V/C) RATIO:				0.469			0.555				0.738				0.789				0.789
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.369			0.455				0.638				0.689				0.689
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.051 | Δv/c after mitigation: 0.051

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
29	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	85	0	85	46	131	131	7	93	0	93	46	139	0	139	0	139	0	139
		Left-Through		1							1				1				1	
		Through	728	3	203	573	1301	358	578	1315	3	352	573	1888	3	507	0	1888	3	507
		Through-Right		0							0				0				0	
		Right	70	1	70	64	134	134	26	97	1	97	64	161	1	161	0	161	1	161
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through		0							0				0				0	
		Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Through-Right		0							0				0				0	
		Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	46	0	46	32	78	78	47	94	0	94	32	126	0	126	0	126	0	126
		Left-Through		1							1				1				1	
		Through	413	1	253	85	498	405	77	495	1	436	86	581	1	543	0	581	1	543
		Through-Right		0							0				0				0	
		Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through		0							0				0				0	
		Through	448	1	258	-9	439	309	132	585	1	330	-9	576	1	381	0	576	1	381
		Through-Right		1							1				1				1	
		Right	68	0	68	110	178	178	6	75	0	75	111	186	0	186	0	186	0	186
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		203	North-South:		358	North-South:			352	North-South:			507	North-South:			507
			East-West:		304	East-West:		405	East-West:			436	East-West:			543	East-West:			543
			SUM:		507	SUM:		763	SUM:			788	SUM:			1050	SUM:			1050
	VOLUME/CAPACITY (V/C) RATIO:				0.338			0.509				0.525				0.700				0.700
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.238			0.409				0.425				0.600				0.600
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.175 | Δv/c after mitigation: 0.175
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
30	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	34	1	34	30	64	64	7	41	1	41	30	71	1	71	0	71	1	71
		Left-Through		0							0				0				0	
		Through	363	1	197	885	1248	640	162	529	1	292	885	1414	1	734	0	1414	1	734
		Through-Right		1							1				1				1	
		Right	31	0	31	0	31	31	23	54	0	54	0	54	0	54	0	54	0	54
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	29	1	29	0	29	29	5	34	1	34	0	34	1	34	0	34	1	34
		Left-Through		0							0				0				0	
		Through	718	1	403	2	720	404	227	954	1	526	2	956	1	527	0	956	1	527
		Through-Right		1							1				1				1	
		Right	88	0	88	0	88	88	9	98	0	98	0	98	0	98	0	98	0	98
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	34	0	34	30	64	64	10	44	0	44	30	74	0	74	0	74	0	74
		Left-Through		1							1				1				1	
		Through	401	0	254	51	452	310	77	483	0	314	52	535	0	444	0	535	0	444
		Through-Right		1							1				1				1	
		Right	39	0	254	0	39	310	17	56	0	314	0	56	0	444	0	56	0	444
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	61	0	61	9	70	70	4	66	0	66	9	75	0	75	0	75	0	75
		Left-Through		1							1				1				1	
		Through	356	0	252	103	459	342	122	482	0	328	103	585	0	418	0	585	0	418
		Through-Right		1							1				1				1	
		Right	26	0	252	59	85	342	15	41	0	328	59	100	0	418	0	100	0	418
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		437	North-South:		669	North-South:			567	North-South:			768	North-South:			768
			East-West:		315	East-West:		406	East-West:			380	East-West:			519	East-West:			519
			SUM:		752	SUM:		1075	SUM:			947	SUM:			1287	SUM:			1287
	VOLUME/CAPACITY (V/C) RATIO:				0.501			0.717				0.631				0.858				0.858
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.401			0.617				0.531				0.758				0.758
	LEVEL OF SERVICE (LOS):				A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.227 | Δv/c after mitigation: 0.227
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
31	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	49	1	49	82	131	131	0	50	1	50	82	132	1	132	0	132	1	132
		Left-Through		0							0				0				0	
		Through	530	1	281	49	579	306	120	656	1	344	49	705	1	369	0	705	1	369
		Through-Right		1							1				1				1	
		Right	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	13	1	13	0	13	13	0	13	1	13	0	13	1	13	0	13	1	13
		Left-Through		0							0				0				0	
		Through	579	1	317	0	579	317	126	712	1	392	0	712	1	392	0	712	1	392
		Through-Right		1							1				1				1	
		Right	55	0	55	0	55	55	16	72	0	72	0	72	0	72	0	72	0	72
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	63	1	63	0	63	63	9	73	1	73	0	73	1	73	0	73	1	73
		Left-Through		0							0				0				0	
		Through	345	1	345	51	396	396	96	445	1	445	52	497	1	497	0	497	1	497
		Through-Right		0							0				0				0	
		Right	81	1	57	0	81	16	0	82	1	57	0	82	1	16	0	82	1	16
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	57	1	57	0	57	57	0	58	1	58	0	58	1	58	0	58	1	58
		Left-Through		0							0				0				0	
		Through	328	0	357	89	417	446	124	456	0	485	89	545	0	574	0	545	0	574
		Through-Right		1							1				1				1	
		Right	29	0	0	0	29	0	0	29	0	0	0	29	0	0	0	29	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		366	North-South:		448	North-South:			442	North-South:			524	North-South:			524
			East-West:		420	East-West:		509	East-West:			558	East-West:			647	East-West:			647
			SUM:		786	SUM:		957	SUM:			1000	SUM:			1171	SUM:			1171
	VOLUME/CAPACITY (V/C) RATIO:				0.524			0.638				0.667				0.781				0.781
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.424			0.538				0.567				0.681				0.681
	LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.114 | Δv/c after mitigation: 0.114
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
32	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND		Left	45	1	45	0	45	45	0	46	1	46	0	46	1	46	0	46	1	46
		Left-Through		0							0				0				0	
		Through	671	1	359	14	685	366	169	848	2	424	14	862	2	431	0	862	2	431
		Through-Right		1							1				0				0	
		Right	46	0	46	0	46	46	0	47	1	47	0	47	1	47	0	47	1	47
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
SOUTHBOUND		Left	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
		Left-Through		0							0				0				0	
		Through	770	1	413	15	785	435	157	936	0	1004	15	951	0	1047	0	951	0	1047
		Through-Right		1							1				1				1	
		Right	56	0	56	28	84	84	11	68	0	0	28	96	0	0	0	96	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
EASTBOUND		Left	81	1	81	51	132	132	20	102	1	102	51	153	1	153	0	153	1	153
		Left-Through		0							0				0				0	
		Through	282	1	322	0	282	322	76	361	0	401	1	362	0	402	0	362	0	402
		Through-Right		1							1				1				1	
		Right	40	0	0	0	40	0	0	40	0	0	0	40	0	0	0	40	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
WESTBOUND		Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Left-Through		0							0				0				0	
		Through	319	0	393	61	380	454	113	436	0	517	61	497	0	578	0	497	0	578
		Through-Right		1							1				1				1	
		Right	74	0	0	0	74	0	6	81	0	0	0	81	0	0	0	81	0	0
		Left-Through-Right		0							0				0				0	
		Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:		458	North-South:		480	North-South:			1050	North-South:			1093	North-South:			1093
			East-West:		474	East-West:		586	East-West:			619	East-West:			731	East-West:			731
			SUM:		932	SUM:		1066	SUM:			1669	SUM:			1824	SUM:			1824
	VOLUME/CAPACITY (V/C) RATIO:				0.621			0.711				1.113				1.216				1.216
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.521			0.611				1.013				1.116				1.116
	LEVEL OF SERVICE (LOS):				A			B				F				F				F

PROJECT IMPACT

Change in v/c due to project: 0.103 | Δv/c after mitigation: 0.103
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
33	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4				4				4				4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			1			1			1				1				1				1		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0	NB-- 3	SB-- 0	0
	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	61	0	61	0	61	61	28	90	0	90	0	90	0	90	0	90	0	90
	Left-Through		0							0				0				0	
	Through	1	0	62	0	1	62	0	1	0	91	0	1	0	91	0	1	0	91
	Through-Right		0							0				0				0	
	Right	32	1	0	0	32	0	99	131	1	0	0	131	1	0	0	131	1	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	20	0	20	0	20	20	0	20	0	20	0	20	0	20	0	20	0	20
	Left-Through		0							0				0				0	
	Through	165	0	212	0	165	212	0	167	0	214	0	167	0	214	0	167	0	214
	Through-Right		0							0				0				0	
	Right	27	0	0	0	27	0	0	27	0	0	0	27	0	0	0	27	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	36	1	36	0	36	36	0	36	1	36	0	36	1	36	0	36	1	36
	Left-Through		0							0				0				0	
	Through	927	2	378	433	1360	522	260	1198	2	470	434	1632	2	614	0	1632	2	614
	Through-Right		1							1				1				1	
	Right	206	0	206	0	206	206	3	211	0	211	0	211	0	211	0	211	0	211
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	236	1	236	0	236	236	111	350	1	350	0	350	1	350	0	350	1	350
	Left-Through		0							0				0				0	
	Through	912	2	318	87	999	347	322	1245	2	429	86	1331	2	457	0	1331	2	457
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		274	North-South:		274	North-South:			305	North-South:			305	North-South:			305
		East-West:		614	East-West:		758	East-West:			820	East-West:			964	East-West:			964
		SUM:		888	SUM:		1032	SUM:			1125	SUM:			1269	SUM:			1269
VOLUME/CAPACITY (V/C) RATIO:				0.646			0.751				0.818				0.923				0.923
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.546			0.651				0.718				0.823				0.823
LEVEL OF SERVICE (LOS):				A			B				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.105 | Δv/c after mitigation: 0.105
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
34	East-West Street:	SR 110 SB Off-Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0
	EB-- 0	WB-- 0	1	EB-- 0	WB-- 0	1	EB-- 0	WB-- 0	1	EB-- 0	WB-- 0	1	EB-- 0	WB-- 0	1	EB-- 0	WB-- 0	1	EB-- 0	WB-- 0	1	EB-- 0	WB-- 0	1
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	606	2	303	0	606	303	115	728	2	364	0	728	2	364	0	728	2	364
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	58	1	58	934	992	992	64	123	1	123	934	1057	1	1057	0	1057	1	529
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	529
	Through-Right		0							0				0				0	
	Right	84	2	46	0	84	46	128	213	2	117	0	213	2	117	0	213	1	213
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		303	North-South:		303	North-South:			364	North-South:			364	North-South:			364
		East-West:		58	East-West:		992	East-West:			123	East-West:			1057	East-West:			529
		SUM:		361	SUM:		1295	SUM:			487	SUM:			1421	SUM:			893
VOLUME/CAPACITY (V/C) RATIO:				0.241			0.863				0.325				0.947				0.595
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.141			0.763				0.225				0.847				0.495
LEVEL OF SERVICE (LOS):				A			C				A				D				A

PROJECT IMPACT

Change in v/c due to project: 0.622 | Δv/c after mitigation: 0.270
Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
35	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3				3				3				3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			2			2			2				2				2				2		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0
	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	35	1	19	396	431	237	64	99	1	54	397	496	1	273	0	496	1	496
	Left-Through		1							1				1				1	
	Through	661	0	685	538	1199	1223	115	784	0	808	538	1322	0	1346	0	1322	1	661
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	55	1	55	-31	24	24	8	64	1	64	-54	10	1	10	0	10	1	10
	Through-Right		0							0				0				0	
	Right	191	1	191	0	191	191	0	193	1	193	0	193	1	193	0	193	1	193
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	187	0	187	-117	70	70	76	265	0	265	-191	74	0	74	0	74	1	42
	Left-Through		1							1				1				1	
	Through	209	1	198	-209	0	0	5	217	1	217	-207	10	1	10	0	10	0	42
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		685	North-South:		1223	North-South:			808	North-South:			1346	North-South:			661
		East-West:		389	East-West:		261	East-West:			458	East-West:			267	East-West:			235
		SUM:		1074	SUM:		1484	SUM:			1266	SUM:			1613	SUM:			896
VOLUME/CAPACITY (V/C) RATIO:				0.754			1.041				0.888				1.132				0.629
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.654			0.941				0.788				1.032				0.529
LEVEL OF SERVICE (LOS):				B			E				C				F				A

PROJECT IMPACT

Change in v/c due to project: 0.244 | Δv/c after mitigation: -0.259
Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Convention Center Drive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
36	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0
	EB-- 0	WB-- 0	3	EB-- 0	WB-- 0	3	EB-- 0	WB-- 0	3	EB-- 0	WB-- 0	3	EB-- 0	WB-- 0	3	EB-- 0	WB-- 0	3	EB-- 0	WB-- 0	3	EB-- 0	WB-- 0	3
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	5	1	5	358	363	200	0	5	1	5	359	364	1	200	0	364	1	200
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	9	1	4	82	91	90	0	9	1	4	82	91	1	90	0	91	1	90
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	671	2	336	178	849	425	55	734	2	367	245	979	2	490	0	979	2	490
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	575	2	288	53	628	314	36	618	2	309	54	672	2	336	0	672	2	336
	Through-Right		0							0				0				0	
	Right	5	1	0	117	122	0	0	5	1	0	118	123	1	0	0	123	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		5	North-South:		200	North-South:			5	North-South:			200	North-South:			200
		East-West:		336	East-West:		425	East-West:			367	East-West:			490	East-West:			490
		SUM:		341	SUM:		625	SUM:			372	SUM:			690	SUM:			690
VOLUME/CAPACITY (V/C) RATIO:				0.227			0.417				0.248				0.460				0.460
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.127			0.317				0.148				0.360				0.360
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.212 | Δv/c after mitigation: 0.212
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	37	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	3	NB-- 0	SB--	3	NB-- 0	SB--	3	NB-- 0	SB--	3	NB-- 0	SB--	3	NB-- 0	SB--	3	NB-- 0	SB--	3	NB-- 0	SB--	3
	EB-- 3	WB--	0	EB-- 3	WB--	0	EB-- 3	WB--	0	EB-- 3	WB--	0	EB-- 3	WB--	0	EB-- 3	WB--	0	EB-- 3	WB--	0	EB-- 3	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	156	1	**156**	0	156	**156**	0	158	1	**158**	0	158	1	**158**	0	158	1	**158**
	Left-Through		0							0				0				0	
	Through	1166	3	307	167	1333	349	462	1642	3	427	167	1809	3	469	0	1809	3	469
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	3	67	0	67	0	67	0	67	0	67	0	67
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	18	1	18	29	47	47	2	20	1	20	29	49	1	49	0	49	1	49
	Left-Through		0							0				0				0	
	Through	559	2	**280**	398	957	**479**	23	589	2	**295**	348	937	2	**469**	0	937	2	**469**
	Through-Right		1							0				0				0	
	Right	41	1	0	53	94	0	12	53	1	0	54	107	1	0	0	107	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	73	1	**73**	43	116	**116**	16	90	1	**90**	43	133	1	**133**	0	133	1	**133**
	Left-Through		0							0				0				0	
	Through	394	2	197	210	604	302	40	439	2	220	226	665	2	333	0	665	2	333
	Through-Right		0							0				0				0	
	Right	212	1	56	283	495	339	0	215	1	57	334	549	1	391	0	549	1	391
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	181	0	181	0	181	181	1	184	0	184	0	184	0	184	0	184	0	184
	Left-Through		1							1				1				1	
	Through	455	0	**507**	117	572	**639**	24	484	0	**580**	118	602	0	**713**	0	602	0	**713**
	Through-Right		1							1				1				1	
	Right	52	0	0	15	67	0	43	96	0	0	15	111	0	0	0	111	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		436	North-South:		635	North-South:			453	North-South:			627	North-South:			627
		East-West:		580	East-West:		755	East-West:			670	East-West:			846	East-West:			846
		SUM:		1016	SUM:		1390	SUM:			1123	SUM:			1473	SUM:			1473
	VOLUME/CAPACITY (V/C) RATIO:			0.739			1.011				0.817				1.071				1.071
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.639			0.911				0.717				0.971				0.971
	LEVEL OF SERVICE (LOS):			B			E				C				E				E

PROJECT IMPACT

Change in v/c due to project: 0.254 Δv/c after mitigation: 0.254

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	38	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	74	1	74	0	74	74	3	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	708	2	**354**	172	880	**440**	589	1306	2	**511**	158	1464	2	**590**	0	1464	2	**590**
	Through-Right		0							1				1				1	
	Right	212	1	212	81	293	293	11	226	0	226	81	307	0	307	0	307	0	307
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	415	1	**249**	239	654	**368**	45	465	1	**274**	239	704	1	**402**	0	704	1	**402**
	Through-Right		1							1				1				1	
	Right	82	0	82	0	82	82	0	83	0	83	16	99	0	99	0	99	0	99
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	20	0	**20**	0	20	**20**	5	25	0	**25**	0	25	0	**25**	0	25	0	**25**
	Left-Through		1							1				1				1	
	Through	469	1	255	51	520	300	57	532	1	291	51	583	1	342	0	583	1	342
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		354	North-South:		440	North-South:			511	North-South:			590	North-South:			590
		East-West:		269	East-West:		388	East-West:			299	East-West:			427	East-West:			427
		SUM:		623	SUM:		828	SUM:			810	SUM:			1017	SUM:			1017
	VOLUME/CAPACITY (V/C) RATIO:			0.437			0.581				0.568				0.714				0.714
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.337			0.481				0.468				0.614				0.614
	LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.146 Δv/c after mitigation: 0.146

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	39	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	123	0	123	0	123	123	5	129	0	129	0	129	0	129	0	129	0	129
	Left-Through		1							1				1				1	
	Through	1429	3	**388**	117	1546	**417**	666	2112	3	**560**	154	2266	3	**599**	0	2266	3	**599**
	Through-Right		0							0				0				0	
	Right	58	1	58	22	80	80	19	78	1	78	22	100	1	100	0	100	1	100
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	366	1	**256**	203	569	**373**	40	410	1	**287**	204	614	1	**405**	0	614	1	**405**
	Through-Right		1							1				1				1	
	Right	145	0	145	32	177	177	16	163	0	163	32	195	0	195	0	195	0	195
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	57	0	**57**	26	83	**83**	0	58	0	**58**	26	84	0	**84**	0	84	0	**84**
	Left-Through		1							1				1				1	
	Through	383	1	249	29	412	372	40	428	1	272	29	457	1	397	0	457	1	397
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		388	North-South:		417	North-South:			560	North-South:			599	North-South:			599
		East-West:		313	East-West:		456	East-West:			345	East-West:			489	East-West:			489
		SUM:		701	SUM:		873	SUM:			905	SUM:			1088	SUM:			1088
	VOLUME/CAPACITY (V/C) RATIO:			0.467			0.582				0.603				0.725				0.725
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.367			0.482				0.503				0.625				0.625
	LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.122 Δv/c after mitigation: 0.122

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	40	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	0	55	12	67	67	23	79	0	79	12	91	0	91	0	91	0	91
	Left-Through		1							1				1				1	
	Through	673	2	**200**	540	1213	**338**	579	1260	2	**353**	540	1800	2	**491**	0	1800	2	**491**
	Through-Right		1							1				1				1	
	Right	70	0	200	0	70	338	0	71	0	353	0	71	0	491	0	71	0	491
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	53	0	53	67	120	**120**	39	93	0	**93**	67	160	0	160	0	160	0	160
	Left-Through		1							1				1				1	
	Through	445	1	**276**	136	581	411	6	456	1	321	136	592	1	**592**	0	592	1	**592**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	0	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	381	1	221	44	425	**298**	18	404	1	**241**	44	448	1	318	0	448	1	318
	Through-Right		1							1				1				1	
	Right	60	0	60	110	170	170	16	77	0	77	110	187	0	187	0	187	0	187
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		200	North-South:		338	North-South:			353	North-South:			491	North-South:			491
		East-West:		276	East-West:		418	East-West:			334	East-West:			592	East-West:			592
		SUM:		476	SUM:		756	SUM:			687	SUM:			1083	SUM:			1083
	VOLUME/CAPACITY (V/C) RATIO:			0.317			0.504				0.458				0.722				0.722
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.217			0.404				0.358				0.622				0.622
	LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.264 Δv/c after mitigation: 0.264

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	41	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	870	3	290	26	896	299	353	1233	3	411	26	1259	3	420	0	1259	3	420
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	780	1	429	33	813	447	328	1117	1	614	34	1151	1	633	0	1151	1	633
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	134	0	134	60	194	194	63	199	0	199	60	259	0	259	0	259	0	259
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	974	1	554	129	1103	649	167	1153	1	676	129	1282	1	771	0	1282	2	514
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	429		North-South:	447		North-South:	614			North-South:	633			North-South:	633	
		East-West:	554		East-West:	649		East-West:	676			East-West:	771			East-West:	514	
		SUM:	983		SUM:	1096		SUM:	1290			SUM:	1404			SUM:	1147	
VOLUME/CAPACITY (V/C) RATIO:			0.655			0.731			0.860				0.936				0.765	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.555			0.631			0.760				0.836				0.665	
LEVEL OF SERVICE (LOS):			A			B			C				D				B	

PROJECT IMPACT

Change in v/c due to project: 0.076 | Δv/c after mitigation: -0.095
Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	42	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	187	0	187	114	301	301	54	243	0	243	114	357	0	357	0	357	0	357
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	614	3	200	588	1202	376	398	1019	3	316	588	1607	3	491	0	1607	3	491
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	835	1	489	75	910	910	177	1022	1	686	75	1097	1	1097	0	1097	2	549
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	143	0	143	805	948	948	204	349	0	349	805	1154	0	1154	0	1154	0	1154
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	200		North-South:	376		North-South:	316			North-South:	491			North-South:	491	
		East-West:	489		East-West:	948		East-West:	686			East-West:	1154			East-West:	1154	
		SUM:	689		SUM:	1324		SUM:	1002			SUM:	1645			SUM:	1645	
VOLUME/CAPACITY (V/C) RATIO:			0.459			0.883			0.668				1.097				1.097	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.359			0.783			0.568				0.997				0.997	
LEVEL OF SERVICE (LOS):			A			C			A				E				E	

PROJECT IMPACT

Change in v/c due to project: 0.429 | Δv/c after mitigation: 0.429
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	43	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	79	0	79	37	116	116	8	88	0	88	37	125	0	125	0	125	0	125
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	410	1	363	313	723	594	169	584	1	556	313	897	1	824	0	897	1	824
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	672	1	433	0	672	443	165	845	1	554	0	845	1	564	0	845	1	564
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	194	1	194	20	214	214	67	263	0	263	20	283	0	283	0	283	0	283
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	58	0	58	0	58	58	27	86	0	86	0	86	0	86	0	86	0	86
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	706	0	414	888	1594	1079	306	1021	0	594	888	1909	0	1259	0	1909	1	839
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	64	0	414	442	506	1079	16	81	0	594	442	523	0	1259	0	523	0	839
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	512		North-South:	594		North-South:	642			North-South:	824			North-South:	824	
		East-West:	414		East-West:	1079		East-West:	594			East-West:	1259			East-West:	839	
		SUM:	926		SUM:	1673		SUM:	1236			SUM:	2083			SUM:	1663	
VOLUME/CAPACITY (V/C) RATIO:			0.617			1.115			0.824				1.389				1.109	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.517			1.015			0.724				1.289				1.009	
LEVEL OF SERVICE (LOS):			A			F			C				F				F	

PROJECT IMPACT

Change in v/c due to project: 0.565 | Δv/c after mitigation: 0.285
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	44	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	82	1	82	40	122	122	0	83	1	83	40	123	1	123	0	123	1	123
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	584	2	292	67	651	326	122	713	2	357	67	780	2	390	0	780	2	390
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	705	1	416	67	772	449	118	832	1	484	67	899	1	517	0	899	1	517
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	126	0	126	0	126	126	7	135	0	135	0	135	0	135	0	135	0	135
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	89	0	89	128	217	217	11	101	0	101	128	229	0	229	0	229	0	229
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	604	0	375	1290	1894	1121	342	953	0	563	1290	2243	0	1309	0	2243	1	872
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	57	0	375	74	131	1121	13	71	0	563	74	145	0	1309	0	145	0	872
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	498		North-South:	571		North-South:	567			North-South:	640			North-South:	640	
		East-West:	375		East-West:	1121		East-West:	563			East-West:	1309			East-West:	872	
		SUM:	873		SUM:	1692		SUM:	1130			SUM:	1949			SUM:	1512	
VOLUME/CAPACITY (V/C) RATIO:			0.582			1.128			0.753				1.299				1.008	
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.482			1.028			0.653				1.199				0.908	
LEVEL OF SERVICE (LOS):			A			F			B				F				E	

PROJECT IMPACT

Change in v/c due to project: 0.546 | Δv/c after mitigation: 0.255
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	45	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	58	1	58	0	58	58	4	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	666	2	333	0	666	333	146	820	2	410	0	820	2	410	0	820	2	410
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	733	1	446	0	733	446	140	882	1	528	0	882	1	529	0	882	1	529
	Through-Right		1							1				1				1	
	Right	158	0	158	1	159	159	14	174	0	174	1	175	0	175	0	175	0	175
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	149	0	149	0	149	149	74	225	0	225	0	225	0	225	0	225	0	225
	Left-Through		1							1				1				1	
	Through	511	0	352	1491	2002	1098	348	865	0	579	1491	2356	0	1325	0	2356	1	883
	Through-Right		1							1				1				1	
	Right	44	0	352	0	44	1098	23	68	0	579	0	68	0	1325	0	68	0	883
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		504	North-South:		504	North-South:			591	North-South:			592	North-South:			592
		East-West:		352	East-West:		1098	East-West:			579	East-West:			1325	East-West:			883
		SUM:		856	SUM:		1602	SUM:			1170	SUM:			1917	SUM:			1475
VOLUME/CAPACITY (V/C) RATIO:				0.571			1.068				0.780				1.278				0.983
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.471			0.968				0.680				1.178				0.883
LEVEL OF SERVICE (LOS):				A			E				B				F				D

PROJECT IMPACT

Change in v/c due to project: 0.498 | Δv/c after mitigation: 0.203
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet
2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	46	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	27	1	27	0	27	27	0	27	1	27	0	27	1	27	0	27	1	27
	Left-Through		0							0				0				0	
	Through	115	2	58	0	115	58	6	122	2	61	0	122	2	61	0	122	2	61
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	620	1	379	0	620	467	26	653	1	399	0	653	1	487	0	653	1	487
	Through-Right		1							1				1				1	
	Right	138	0	138	176	314	314	4	144	0	144	176	320	0	320	0	320	0	320
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	103	0	103	0	103	103	0	104	0	104	0	104	0	104	0	104	0	104
	Left-Through		1							1				1				1	
	Through	527	0	366	1315	1842	1023	440	973	0	608	1315	2288	0	1266	0	2288	1	844
	Through-Right		1							1				1				1	
	Right	101	0	366	0	101	1023	37	139	0	608	0	139	0	1266	0	139	0	844
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		406	North-South:		494	North-South:			426	North-South:			514	North-South:			514
		East-West:		366	East-West:		1023	East-West:			608	East-West:			1266	East-West:			844
		SUM:		772	SUM:		1517	SUM:			1034	SUM:			1780	SUM:			1358
VOLUME/CAPACITY (V/C) RATIO:				0.515			1.011				0.689				1.187				0.905
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.415			0.911				0.589				1.087				0.805
LEVEL OF SERVICE (LOS):				A			E				A				F				D

PROJECT IMPACT

Change in v/c due to project: 0.498 | Δv/c after mitigation: 0.216
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet
2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	47	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	45	1	45	0	45	45	0	46	1	46	0	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	765	3	255	0	765	255	511	1285	3	428	0	1285	3	428	0	1285	3	428
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	55	1	39	104	159	91	30	86	1	55	104	190	1	107	0	190	1	107
	Through-Right		1							1				1				1	
	Right	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		255	North-South:		255	North-South:			428	North-South:			428	North-South:			428
		East-West:		39	East-West:		91	East-West:			55	East-West:			107	East-West:			107
		SUM:		294	SUM:		346	SUM:			483	SUM:			535	SUM:			535
VOLUME/CAPACITY (V/C) RATIO:				0.206			0.243				0.339				0.375				0.375
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.106			0.143				0.239				0.275				0.275
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.036 | Δv/c after mitigation: 0.036
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet
2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	48	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 3 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	192	2	106	31	223	123	0	194	2	107	31	225	2	124	0	225	2	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	192	1	192	0	192	192	104	298	1	298	0	298	1	298	0	298	1	298
	Left-Through		0							0				0				0	
	Through	798	3	266	86	884	295	312	1120	3	373	86	1206	3	402	0	1206	3	402
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	703	2	234	215	918	306	331	1042	2	347	215	1257	2	419	0	1257	2	419
	Through-Right		1							1				1				1	
	Right	124	1	124	0	124	124	189	314	1	314	0	314	1	314	0	314	1	314
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		298	North-South:		315	North-South:			405	North-South:			422	North-South:			422
		East-West:		234	East-West:		306	East-West:			347	East-West:			419	East-West:			419
		SUM:		532	SUM:		621	SUM:			752	SUM:			841	SUM:			841
VOLUME/CAPACITY (V/C) RATIO:				0.373			0.436				0.528				0.590				0.590
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.273			0.336				0.428				0.490				0.490
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.062 | Δv/c after mitigation: 0.062
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
49	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	548	3	153	535	1083	287	212	767	3	208	535	1302	3	342	0	1302	3	342
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	64	0	64	0	64	64	0	65	0	65	0	65	0	65	0	65	0	65
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	252	1	252	167	419	419	239	494	1	494	167	661	1	661	0	661	1	661
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	834	2	417	78	912	456	196	1040	2	520	78	1118	2	559	0	1118	2	559
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		153	North-South:		287	North-South:			208	North-South:			342	North-South:			342
	East-West:		417	East-West:		456	East-West:			520	East-West:			559	East-West:			661
	SUM:		570	SUM:		743	SUM:			728	SUM:			1003	SUM:			1003
VOLUME/CAPACITY (V/C) RATIO:			0.380			0.495				0.485				0.669				0.669
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.280			0.395				0.385				0.569				0.569
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.184 Δv/c after mitigation: 0.184
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
50	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	460	1	274	271	731	409	142	608	1	348	271	879	1	484	0	879	1	484
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	87	0	87	0	87	87	0	88	0	88	0	88	0	88	0	88	0	88
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	48	0	48	0	48	48	13	62	0	62	0	62	0	62	0	62	0	62
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	677	1	387	0	677	435	179	864	1	556	0	864	1	556	0	864	1	556
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	28	1	28	78	106	106	35	63	1	63	78	141	1	141	0	141	0	141
EASTBOUND Left-Through		0							0				0				1	
EASTBOUND Through	578	1	311	0	578	311	161	746	1	395	0	746	1	395	0	746	1	310
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	310
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		387	North-South:		457	North-South:			556	North-South:			556	North-South:			556
	East-West:		311	East-West:		311	East-West:			395	East-West:			395	East-West:			310
	SUM:		698	SUM:		768	SUM:			951	SUM:			951	SUM:			866
VOLUME/CAPACITY (V/C) RATIO:			0.465			0.512				0.634				0.634				0.577
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.365			0.412				0.534				0.534				0.477
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: -0.057
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
51	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	598	1	332	107	705	386	122	727	1	413	107	834	1	466	0	834	1	466
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	66	0	66	0	66	66	31	98	0	98	0	98	0	98	0	98	0	98
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	70	1	70	0	70	70	13	84	1	84	0	84	1	84	0	84	1	84
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	719	2	360	195	914	457	116	844	2	422	195	1039	2	520	0	1039	2	520
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	54	1	54	0	54	54	0	55	1	55	0	55	1	55	0	55	0	55
EASTBOUND Left-Through		0							0				0				1	
EASTBOUND Through	596	1	337	0	596	337	156	759	1	429	0	759	1	429	0	759	1	304
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	78	0	78	0	78	78	19	98	0	98	0	98	0	98	0	98	0	304
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		402	North-South:		457	North-South:			497	North-South:			550	North-South:			550
	East-West:		337	East-West:		337	East-West:			429	East-West:			429	East-West:			304
	SUM:		739	SUM:		794	SUM:			926	SUM:			979	SUM:			854
VOLUME/CAPACITY (V/C) RATIO:			0.493			0.529				0.617				0.653				0.569
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.393			0.429				0.517				0.553				0.469
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.036 Δv/c after mitigation: -0.048
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
52	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	685	1	408	0	685	408	130	823	1	520	0	823	1	520	0	823	1	520
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	130	0	130	0	130	130	85	217	0	217	0	217	0	217	0	217	0	217
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	48	1	48	0	48	48	11	60	1	60	0	60	1	60	0	60	1	60
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	810	2	405	0	810	405	202	1022	2	511	0	1022	2	511	0	1022	2	511
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	62	0	62	0	62	62	20	83	0	83	0	83	0	83	0	83	0	83
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	753	1	408	0	753	408	171	933	1	508	0	933	1	508	0	933	1	508
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	144	1	144	0	144	144	9	155	1	155	0	155	1	155	0	155	1	155
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		456	North-South:		456	North-South:			580	North-South:			580	North-South:			580
	East-West:		408	East-West:		408	East-West:			508	East-West:			508	East-West:			508
	SUM:		864	SUM:		864	SUM:			1088	SUM:			1088	SUM:			1088
VOLUME/CAPACITY (V/C) RATIO:			0.576			0.576				0.725				0.725				0.725
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.476			0.476				0.625				0.625				0.625
LEVEL OF SERVICE (LOS):			A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
53	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	433	1	222	0	433	222	4	442	1	227	0	442	1	227	0	442	1	227
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	14	1	14	0	14	14	0	14	1	14	0	14	1	14	0	14	1	14
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	312	2	156	0	312	156	0	316	2	158	0	316	2	158	0	316	2	158
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	731	1	731	0	731	731	267	1007	1	1007	0	1007	1	1007	0	1007	2	554
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	116	1	101	0	116	101	0	117	1	102	0	117	1	102	0	117	1	102
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	86	0	86	0	86	86	0	87	0	87	0	87	0	87	0	87	0	87
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:	236	North-South:	236		North-South:	241			North-South:	241			North-South:	241			
	East-West:	731	East-West:	731		East-West:	1007			East-West:	1007			East-West:	554			
	SUM:	967	SUM:	967		SUM:	1248			SUM:	1248			SUM:	795			
VOLUME/CAPACITY (V/C) RATIO:		0.645			0.645			0.832				0.832				0.530		
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.545			0.545			0.732				0.732				0.430		
LEVEL OF SERVICE (LOS):		A			A			C				C				A		

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: -0.302
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
54	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	179	1	179	0	179	179	6	187	1	187	0	187	1	187	0	187	1	187
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1466	3	393	125	1591	431	507	1991	3	532	125	2116	3	570	0	2116	3	570
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	105	0	105	27	132	132	29	135	0	135	27	162	0	162	0	162	0	162
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	94	1	94	81	175	175	0	95	1	95	81	176	1	176	0	176	1	176
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	678	1	392	98	776	528	6	692	1	403	99	791	1	540	0	791	1	540
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	106	0	106	174	280	280	7	114	0	114	175	289	0	289	0	289	0	289
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	140	1	140	39	179	179	23	165	1	165	39	204	1	204	0	204	1	204
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	679	2	269	104	783	304	73	760	2	298	104	864	2	333	0	864	2	333
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	128	0	128	0	128	128	4	134	0	134	0	134	0	134	0	134	0	134
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	123	1	123	2	125	125	30	154	1	154	2	156	1	156	0	156	1	156
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	723	2	273	0	723	274	113	845	2	331	0	845	2	332	0	845	3	282
WESTBOUND Through-Right		1							1				1				0	
WESTBOUND Right	97	0	97	3	100	100	50	148	0	148	3	151	0	151	0	151	1	63
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:	571	North-South:	707		North-South:	627			North-South:	746			North-South:	746			
	East-West:	413	East-West:	453		East-West:	496			East-West:	536			East-West:	489			
	SUM:	984	SUM:	1160		SUM:	1123			SUM:	1282			SUM:	1235			
VOLUME/CAPACITY (V/C) RATIO:		0.716			0.844			0.817				0.932				0.898		
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.616			0.744			0.717				0.832				0.798		
LEVEL OF SERVICE (LOS):		B			C			C				D				C		

PROJECT IMPACT

Change in v/c due to project: 0.115 | Δv/c after mitigation: 0.081
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
55	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	66	1	66	0	66	66	15	82	1	82	0	82	1	82	0	82	1	82
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1033	2	410	0	1033	410	475	1520	2	579	0	1520	2	579	0	1520	2	579
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	196	0	196	0	196	196	20	218	0	218	0	218	0	218	0	218	0	218
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	813	2	407	122	935	468	95	918	2	459	122	1040	2	520	0	1040	2	520
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	61	1	61	90	151	151	7	69	1	69	90	159	1	159	0	159	1	159
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	64	64	0	0	0	0	0	64	64	0	0	0	64	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	889	2	445	5	894	447	172	1072	2	536	5	1077	2	539	0	1077	2	539
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:	410	North-South:	410		North-South:	579			North-South:	579			North-South:	579			
	East-West:	445	East-West:	468		East-West:	536			East-West:	539			East-West:	539			
	SUM:	855	SUM:	878		SUM:	1115			SUM:	1118			SUM:	1118			
VOLUME/CAPACITY (V/C) RATIO:		0.570			0.585			0.743				0.745				0.745		
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.470			0.485			0.643				0.645				0.645		
LEVEL OF SERVICE (LOS):		A			A			B				B				B		

PROJECT IMPACT

Change in v/c due to project: 0.002 | Δv/c after mitigation: 0.002
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
56	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	56
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	180	0	249	36	216	298	0	182	0	265	36	218	0	314	0	218	0	314
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	69	0	0	13	82	0	13	83	0	0	13	96	0	0	0	96	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	89	1	89	0	89	89	103	193	1	193	0	193	1	193	0	193	1	193
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	742	2	371	0	742	371	352	1103	2	552	0	1103	2	552	0	1103	2	552
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	80	1	80	61	141	141	46	127	1	127	61	188	1	188	0	188	1	188
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	805	1	429	122	927	490	110	925	1	489	122	1047	1	550	0	1047	1	550
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	57	1	57	0	57	57	4	62	1	62	0	62	1	62	0	62	1	62
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	715	1	363	7	722	367	126	850	1	431	7	857	1	434	0	857	1	434
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:	426	North-South:	426		North-South:	608			North-South:	608			North-South:	608			
	East-West:	486	East-West:	547		East-West:	551			East-West:	612			East-West:	612			
	SUM:	912	SUM:	973		SUM:	1159			SUM:	1220			SUM:	1220			
VOLUME/CAPACITY (V/C) RATIO:		0.640			0.683			0.813				0.856				0.856		
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.540			0.583			0.713				0.756				0.756		
LEVEL OF SERVICE (LOS):		A			A			C				C				C		

PROJECT IMPACT

Change in v/c due to project: 0.043 | Δv/c after mitigation: 0.043
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
57	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	49	0	49	2	51	51	124	174	0	174	2	176	0	176	0	176	0	176
	Left-Through		1							1				1				1	
	Through	389	1	162	422	811	304	145	539	1	254	422	961	1	396	0	961	1	396
	Through-Right		1							1				1				1	
	Right	49	0	162	0	49	304	0	50	0	254	0	50	0	396	0	50	0	396
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	83	1	83	84	167	167	66	150	1	150	84	234	1	234	0	234	1	234
	Left-Through		0							0				0				0	
	Through	843	1	442	45	888	467	134	987	1	514	45	1032	1	539	0	1032	1	539
	Through-Right		1							1				1				1	
	Right	41	0	41	4	45	45	0	41	0	41	4	45	0	45	0	45	0	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	58	1	58	192	250	250	0	59	1	59	192	251	1	251	0	251	1	251
	Left-Through		0							0				0				0	
	Through	731	1	412	7	738	434	150	890	1	493	7	897	1	515	0	897	1	515
	Through-Right		1							1				1				1	
	Right	93	0	93	36	129	129	2	96	0	96	36	132	0	132	0	132	0	132
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		162	North-South:		304	North-South:			254	North-South:			396	North-South:			396
		East-West:		500	East-West:		717	East-West:			643	East-West:			790	East-West:			790
		SUM:		662	SUM:		1021	SUM:			897	SUM:			1186	SUM:			1186
VOLUME/CAPACITY (V/C) RATIO:				0.465			0.716				0.629				0.832				0.832
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.365			0.616				0.529				0.732				0.732
LEVEL OF SERVICE (LOS):				A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.203 | Δv/c after mitigation: 0.203
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
58	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	39	1	39	1	40	40	0	39	1	39	1	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	520	1	331	232	752	447	108	634	1	389	232	866	1	505	0	866	1	505
	Through-Right		1							1				1				1	
	Right	141	0	141	0	141	141	0	143	0	143	0	143	0	143	0	143	0	143
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	70	1	70	0	70	70	8	79	1	79	0	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	669	1	360	0	669	360	140	817	1	450	0	817	1	450	0	817	1	450
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	31	83	0	83	0	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	18	1	18	22	40	40	17	35	1	35	22	57	1	57	0	57	1	57
	Left-Through		0							0				0				0	
	Through	819	1	422	24	843	434	117	946	1	485	24	970	1	497	0	970	1	497
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	60	1	60	0	60	60	0	61	1	61	0	61	1	61	0	61	1	61
	Left-Through		0							0				0				0	
	Through	766	1	408	234	1000	534	120	895	1	481	234	1129	1	607	0	1129	1	607
	Through-Right		1							1				1				1	
	Right	49	0	49	18	67	67	17	67	0	67	18	85	0	85	0	85	0	85
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		401	North-South:		517	North-South:			489	North-South:			584	North-South:			584
		East-West:		482	East-West:		574	East-West:			546	East-West:			664	East-West:			664
		SUM:		883	SUM:		1091	SUM:			1035	SUM:			1248	SUM:			1248
VOLUME/CAPACITY (V/C) RATIO:				0.620			0.766				0.726				0.876				0.876
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.520			0.666				0.626				0.776				0.776
LEVEL OF SERVICE (LOS):				A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.150 | Δv/c after mitigation: 0.150
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
59	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	644	1	359	107	751	413	119	771	1	429	107	878	1	482	0	878	1	482
	Through-Right		1							1				1				1	
	Right	74	0	74	0	74	74	11	86	0	86	0	86	0	86	0	86	0	86
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	41	1	41	0	41	41	29	70	1	70	0	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	775	1	408	12	787	505	101	885	1	466	12	897	1	563	0	897	1	563
	Through-Right		1							1				1				1	
	Right	40	0	40	183	223	223	6	46	0	46	183	229	0	229	0	229	0	229
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	1	37	0	37	37	29	66	1	66	0	66	1	66	0	66	1	66
	Left-Through		0							0				0				0	
	Through	945	1	500	24	969	512	95	1051	1	554	24	1075	1	566	0	1075	1	566
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	117	1	117	0	117	117	5	123	1	123	0	123	1	123	0	123	1	123
	Left-Through		0							0				0				0	
	Through	804	1	426	69	873	461	131	945	1	499	69	1014	1	534	0	1014	1	534
	Through-Right		1							1				1				1	
	Right	48	0	48	0	48	48	4	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		451	North-South:		548	North-South:			510	North-South:			607	North-South:			607
		East-West:		617	East-West:		629	East-West:			677	East-West:			689	East-West:			689
		SUM:		1068	SUM:		1177	SUM:			1187	SUM:			1296	SUM:			1296
VOLUME/CAPACITY (V/C) RATIO:				0.749			0.826				0.833				0.909				0.909
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.649			0.726				0.733				0.809				0.809
LEVEL OF SERVICE (LOS):				B			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.076 | Δv/c after mitigation: 0.076
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
60	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	57	1	57	0	57	57	0	58	1	58	0	58	1	58	0	58	1	58
	Left-Through		0							0				0				0	
	Through	677	1	388	0	677	388	195	880	1	499	0	880	1	499	0	880	1	499
	Through-Right		1							1				1				1	
	Right	98	0	98	0	98	98	19	118	0	118	0	118	0	118	0	118	0	118
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	74	1	74	0	74	74	13	88	1	88	0	88	1	88	0	88	1	88
	Left-Through		0							0				0				0	
	Through	776	1	427	0	776	427	174	959	1	531	0	959	1	531	0	959	1	531
	Through-Right		1							1				1				1	
	Right	77	0	77	0	77	77	24	102	0	102	0	102	0	102	0	102	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	58	1	58	0	58	58	13	72	1	72	0	72	1	72	0	72	1	72
	Left-Through		0							0				0				0	
	Through	916	1	484	24	940	496	122	1049	1	551	24	1073	1	563	0	1073	1	563
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	100	1	100	0	100	100	0	101	1	101	0	101	1	101	0	101	1	101
	Left-Through		0							0				0				0	
	Through	832	1	448	69	901	483	116	958	1	515	69	1027	1	550	0	1027	1	550
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	7	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		484	North-South:		484	North-South:			589	North-South:			589	North-South:			589
		East-West:		584	East-West:		596	East-West:			652	East-West:			664	East-West:			664
		SUM:		1068	SUM:		1080	SUM:			1241	SUM:			1253	SUM:			1253
VOLUME/CAPACITY (V/C) RATIO:				0.749			0.758				0.871				0.879				0.879
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.649			0.658				0.771				0.779				0.779
LEVEL OF SERVICE (LOS):				B			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.008 | Δv/c after mitigation: 0.008
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	61	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	5	0 1	5	0	5	5	0	5	0 1	5	0	5	0 1	5	0	5	0 1	5
	Left-Through																		
	Through	247	0 1	137	0	247	137	0	250	0 1	138	0	250	0 1	138	0	250	0 1	138
	Through-Right																		
	Right	21	0	137	0	21	137	0	21	0	138	0	21	0	138	0	21	0	138
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	118	0 1	118	0	118	118	0	119	0 1	119	0	119	0 1	119	0	119	0 1	119
	Left-Through																		
	Through	168	0 1	191	0	168	191	0	170	0 1	193	0	170	0 1	193	0	170	0 1	193
	Through-Right																		
	Right	95	0	191	0	95	191	0	96	0	193	0	96	0	193	0	96	0	193
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	127	1	127	0	127	127	4	133	1	133	0	133	1	133	0	133	1	133
	Left-Through		0							0				0				0	
	Through	919	1	469	24	943	481	77	1007	1	513	24	1031	1	525	0	1031	1	525
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	11	1	11	0	11	11	0	11	1	11	0	11	1	11	0	11	1	11
	Left-Through		0							0				0				0	
	Through	895	1	485	69	964	520	113	1019	1	548	69	1088	1	582	0	1088	1	582
	Through-Right		1							1				1				1	
	Right	75	0	75	0	75	75	0	76	0	76	0	76	0	76	0	76	0	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		255	North-South:		255	North-South:			257	North-South:			257	North-South:			257
		East-West:		612	East-West:		647	East-West:			681	East-West:			715	East-West:			715
		SUM:		867	SUM:		902	SUM:			938	SUM:			972	SUM:			972
VOLUME/CAPACITY (V/C) RATIO:				0.608			0.633				0.658				0.682				0.682
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.508			0.533				0.558				0.582				0.582
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.024 Δv/c after mitigation: 0.024

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	62	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	54	1	54	0	54	54	15	70	1	70	0	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	598	1	324	0	598	324	0	605	1	331	0	605	1	331	0	605	1	331
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	6	57	0	57	0	57	0	57	0	57	0	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	46	1	46	0	46	46	0	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	651	1	379	0	651	379	0	659	1	383	0	659	1	383	0	659	1	383
	Through-Right		1							1				1				1	
	Right	106	0	106	0	106	106	0	107	0	107	0	107	0	107	0	107	0	107
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	149	1	149	0	149	149	0	151	1	151	0	151	1	151	0	151	1	151
	Left-Through		0							0				0				0	
	Through	961	1	522	24	985	534	70	1043	1	568	24	1067	1	580	0	1067	1	580
	Through-Right		1							1				1				1	
	Right	83	0	83	0	83	83	9	93	0	93	0	93	0	93	0	93	0	93
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	108	1	108	0	108	108	0	109	1	109	0	109	1	109	0	109	1	109
	Left-Through		0							0				0				0	
	Through	752	1	402	69	821	437	96	857	1	455	69	926	1	490	0	926	1	490
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		433	North-South:		433	North-South:			453	North-South:			453	North-South:			453
		East-West:		630	East-West:		642	East-West:			677	East-West:			689	East-West:			689
		SUM:		1063	SUM:		1075	SUM:			1130	SUM:			1142	SUM:			1142
VOLUME/CAPACITY (V/C) RATIO:				0.746			0.754				0.793				0.801				0.801
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.646			0.654				0.693				0.701				0.701
LEVEL OF SERVICE (LOS):				B			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.008 Δv/c after mitigation: 0.008

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	63	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3		
	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3	EB--	0	WB-- 3		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	198	1	198	0	198	198	10	210	1	210	0	210	1	210	0	210	1	210
	Left-Through		0							0				0				0	
	Through	1339	2	470	44	1383	485	531	1886	2	655	44	1930	2	669	0	1930	2	669
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	6	78	0	78	0	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	141	1	141	0	141	141	8	151	1	151	0	151	1	151	0	151	1	151
	Left-Through		0							0				0				0	
	Through	888	2	444	98	986	493	132	1031	2	516	99	1130	2	565	0	1130	2	565
	Through-Right		0							0				0				0	
	Right	127	1	0	0	127	0	5	134	1	0	0	134	1	0	0	134	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	129	1	129	0	129	129	5	136	1	136	0	136	1	136	0	136	1	136
	Left-Through		0							0				0				0	
	Through	507	1	507	0	507	507	13	526	1	526	0	526	1	526	0	526	1	526
	Through-Right		0							0				0				0	
	Right	215	1	116	0	215	116	7	225	1	120	0	225	1	120	0	225	1	120
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	137	1	137	0	137	137	62	201	1	201	0	201	1	201	0	201	1	201
	Left-Through		0							0				0				0	
	Through	722	2	361	0	722	361	11	742	2	371	0	742	2	371	0	742	2	371
	Through-Right		0							0				0				0	
	Right	306	1	165	26	332	191	54	364	1	213	26	390	1	239	0	390	1	239
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		642	North-South:		691	North-South:			806	North-South:			820	North-South:			820
		East-West:		644	East-West:		644	East-West:			727	East-West:			727	East-West:			727
		SUM:		1286	SUM:		1335	SUM:			1533	SUM:			1547	SUM:			1547
VOLUME/CAPACITY (V/C) RATIO:				0.935			0.971				1.115				1.125				1.125
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.835			0.871				1.015				1.025				1.025
LEVEL OF SERVICE (LOS):				D			D				F				F				F

PROJECT IMPACT

Change in v/c due to project: 0.010 Δv/c after mitigation: 0.010

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	64	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	2	WB-- 0	EB--	2	WB-- 0	EB--	2	WB-- 0	EB--	2	WB-- 0	EB--	2	WB-- 0	EB--	2	WB-- 0	EB--	2	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	40	1	40	0	40	40	0	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	1368	2	491	58	1426	510	538	1922	2	685	58	1980	2	704	0	1980	2	704
	Through-Right		1							1				1				1	
	Right	105	0	105	0	105	105	27	133	0	133	0	133	0	133	0	133	0	133
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	602	1	527	0	602	527	27	636	1	547	0	636	1	547	0	636	1	547
	Through-Right		1							1				1				1	
	Right	452	0	452	0	452	452	0	457	0	457	0	457	0	457	0	457	0	457
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	139	1	139	0	139	139	0	141	1	141	0	141	1	141	0	141	1	141
	Left-Through		0							0				0				0	
	Through	1317	2	439	26	1343	498	99	1432	2	477	26	1458	2	486	0	1458	2	486
	Through-Right		1							1				1				1	
	Right	0	0	0	151	151	151	15	15	1	0	151	166	1	146	0	166	1	146
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		491	North-South:		510	North-South:			685	North-South:			704	North-South:			704
		East-West:		666	East-West:		666	East-West:			688	East-West:			688	East-West:			688
		SUM:		1157	SUM:		1176	SUM:			1373	SUM:			1392	SUM:			1392
VOLUME/CAPACITY (V/C) RATIO:				0.771			0.784				0.999				1.012				1.012
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.671			0.684				0.899				0.912				0.912
LEVEL OF SERVICE (LOS):				B			B				D				E				E

PROJECT IMPACT

Change in v/c due to project: 0.013 Δv/c after mitigation: 0.013

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	65	North-South Street:	I-110 NB Off General	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3				3				3				3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			1			1			1				1				1				1		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 2 SB--		2	NB-- 2 SB--		2	NB-- 2 SB--		2	NB-- 2 SB--		2	NB-- 2 SB--		2	NB-- 2 SB--		2	NB-- 2 SB--		2
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	313	1	**284**	26	339	339	31	348	1	**341**	26	374	1	374	0	374	1	374
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	254	0	284	188	442	**442**	77	334	0	341	188	522	0	**522**	0	522	0	**522**
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				0	
SOUTHBOUND	Left	345	1	**242**	151	496	496	15	364	2	200	151	515	2	283	0	515	2	283
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	139	0	242	413	552	**552**	115	256	1	**256**	413	669	1	**669**	0	669	1	**669**
	Left-Through-Right		0							0				0				0	
	Left-Right		1																
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	415	2	208	0	415	208	142	562	2	281	0	562	2	281	0	562	2	281
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	511	2	**256**	0	511	**256**	68	585	2	**293**	0	585	2	**293**	0	585	2	**293**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		526	North-South:		994	North-South:			597	North-South:			1191	North-South:			1191
		East-West:		256	East-West:		256	East-West:			293	East-West:			293	East-West:			293
		SUM:		782	SUM:		1250	SUM:			890	SUM:			1484	SUM:			1484
VOLUME/CAPACITY (V/C) RATIO:				0.549			0.877				0.625				1.041				1.041
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.449			0.777				0.525				0.941				0.941
LEVEL OF SERVICE (LOS):				A			C				A				E				E

PROJECT IMPACT

Change in v/c due to project: 0.416 Δv/c after mitigation: 0.416

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	66	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	46	1	**46**	0	46	46	0	47	1	**47**	0	47	1	**47**	0	47	1	**47**
	Left-Through		0							0				0				0	
	Through	302	1	302	37	339	**339**	0	306	1	306	37	343	1	343	0	343	1	343
	Through-Right		0							0				0				0	
	Right	80	1	40	0	80	40	0	81	1	41	0	81	1	41	0	81	1	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	73	1	**73**	0	73	**73**	0	74	1	74	0	74	1	74	0	74	1	74
	Left-Through		0							0				0				0	
	Through	657	1	**354**	0	657	354	205	870	1	**461**	0	870	1	**461**	0	870	1	**461**
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	156	1	156	72	228	228	0	158	1	158	72	230	1	230	0	230	1	230
	Left-Through		0							0				0				0	
	Through	782	1	**416**	529	1311	**681**	219	1010	1	**531**	529	1539	1	**795**	0	1539	1	**795**
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	80	1	**80**	0	80	**80**	0	81	1	**81**	0	81	1	**81**	0	81	1	**81**
	Left-Through		0							0				0				0	
	Through	403	1	237	0	403	237	68	476	1	274	0	476	1	274	0	476	1	274
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	0	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		400	North-South:		412	North-South:			508	North-South:			508	North-South:			508
		East-West:		496	East-West:		761	East-West:			612	East-West:			876	East-West:			876
		SUM:		896	SUM:		1173	SUM:			1120	SUM:			1384	SUM:			1384
VOLUME/CAPACITY (V/C) RATIO:				0.597			0.782				0.747				0.923				0.923
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.497			0.682				0.647				0.823				0.823
LEVEL OF SERVICE (LOS):				A			B				B				D				D

PROJECT IMPACT

Change in v/c due to project: 0.176 Δv/c after mitigation: 0.176

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	67	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	20	1	**20**	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	506	1	297	297	803	**445**	196	708	1	**398**	297	1005	1	**547**	0	1005	1	**547**
	Through-Right		1							1				1				1	
	Right	87	0	87	0	87	87	0	88	0	88	0	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	67	1	67	0	67	**67**	0	68	1	**68**	0	68	1	**68**	0	68	1	**68**
	Left-Through		0							0				0				0	
	Through	623	1	**345**	0	623	345	121	752	1	414	0	752	1	414	0	752	1	414
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	7	75	0	75	0	75	0	75	0	75	0	75
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	135	1	135	422	557	**557**	127	264	1	**264**	422	686	1	**686**	0	686	1	**686**
	Left-Through		0							0				0				0	
	Through	749	1	**393**	107	856	446	92	850	1	443	107	957	1	497	0	957	1	497
	Through-Right		1							1				1				1	
	Right	36	0	36	0	36	36	0	36	0	36	0	36	0	36	0	36	0	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	42	1	**42**	0	42	42	0	43	1	43	0	43	1	43	0	43	1	43
	Left-Through		0							0				0				0	
	Through	465	1	264	0	465	**264**	62	533	1	**298**	0	533	1	**298**	0	533	1	**298**
	Through-Right		1							1				1				1	
	Right	62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		365	North-South:		512	North-South:			466	North-South:			615	North-South:			615
		East-West:		435	East-West:		821	East-West:			562	East-West:			984	East-West:			984
		SUM:		800	SUM:		1333	SUM:			1028	SUM:			1599	SUM:			1599
VOLUME/CAPACITY (V/C) RATIO:				0.533			0.889				0.685				1.066				1.066
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.433			0.789				0.585				0.966				0.966
LEVEL OF SERVICE (LOS):				A			C				A				E				E

PROJECT IMPACT

Change in v/c due to project: 0.381 Δv/c after mitigation: 0.381

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	68	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	51	1	**51**	0	51	**51**	3	55	1	**55**	0	55	1	**55**	0	55	1	**55**
	Left-Through		0							0				0				0	
	Through	519	1	287	0	519	287	129	654	1	355	0	654	1	355	0	654	1	355
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	0	56	0	56	0	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	800	1	**424**	12	812	**430**	93	903	1	**482**	12	915	1	**488**	0	915	1	**488**
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	12	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	93	1	93	107	200	200	6	100	1	100	107	207	1	207	0	207	1	207
	Left-Through		0							0				0				0	
	Through	796	1	**434**	0	796	**434**	85	891	1	**482**	0	891	1	**482**	0	891	1	**482**
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	1	73	0	73	0	73	0	73	0	73	0	73
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	54	1	**54**	0	54	**54**	0	55	1	**55**	0	55	1	**55**	0	55	1	**55**
	Left-Through		0							0				0				0	
	Through	516	1	268	0	516	268	47	569	1	294	0	569	1	294	0	569	1	294
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		475	North-South:		481	North-South:			537	North-South:			543	North-South:			543
		East-West:		488	East-West:		488	East-West:			537	East-West:			537	East-West:			537
		SUM:		963	SUM:		969	SUM:			1074	SUM:			1080	SUM:			1080
VOLUME/CAPACITY (V/C) RATIO:				0.642			0.646				0.716				0.720				0.720
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.542			0.546				0.616				0.620				0.620
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.004 Δv/c after mitigation: 0.004

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
69	East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	48	1	48	0	48	48	0	49	1	49	0	49	1	49	0	49	1	49
	Left-Through		0							0				0				0	
	Through	761	1	424	0	761	424	190	960	1	524	0	960	1	524	0	960	1	524
	Through-Right		1							1				1				1	
	Right	87	0	87	0	87	87	0	88	0	88	0	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	70	1	70	0	70	70	0	71	1	71	0	71	1	71	0	71	1	71
	Left-Through		0							0				0				0	
	Through	979	1	519	0	979	519	167	1158	1	611	0	1158	1	611	0	1158	1	611
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	4	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	162	1	162	0	162	162	21	185	1	185	0	185	1	185	0	185	1	185
	Left-Through		0							0				0				0	
	Through	656	1	360	0	656	360	64	728	1	396	0	728	1	396	0	728	1	396
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	0	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	86	1	86	0	86	86	0	87	1	87	0	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	435	1	237	0	435	237	43	483	1	261	0	483	1	261	0	483	1	261
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	0	38	0	38	0	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	567		North-South:	567		North-South:		660		North-South:		660		North-South:		660
			East-West:	446		East-West:	446		East-West:		483		East-West:		483		East-West:		483
			SUM:	1013		SUM:	1013		SUM:		1143		SUM:		1143		SUM:		1143
	VOLUME/CAPACITY (V/C) RATIO:			0.737			0.737				0.831				0.831				0.831
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.637			0.637				0.731				0.731				0.731
	LEVEL OF SERVICE (LOS):			B			B				C				C				C

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
71	East-West Street:	Exposition	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	156	1	156	0	156	156	0	158	1	158	0	158	1	158	0	158	1	158
	Left-Through		0							0				0				0	
	Through	847	3	220	33	880	228	444	1301	3	335	33	1334	3	344	0	1334	3	344
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	7	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	170	1	170	79	249	249	81	253	1	253	80	333	1	333	0	333	1	333
	Left-Through		0							0				0				0	
	Through	797	2	399	19	816	408	90	897	1	449	19	916	1	458	0	916	1	458
	Through-Right		0							1				1				1	
	Right	212	1	74	0	212	74	0	215	1	76	0	215	1	76	0	215	1	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	250	2	138	0	250	138	0	253	2	139	0	253	2	139	0	253	2	139
	Left-Through		0							0				0				0	
	Through	539	3	180	0	539	180	16	562	3	187	0	562	3	187	0	562	3	187
	Through-Right		0							0				0				0	
	Right	232	1	0	0	232	0	0	235	1	0	0	235	1	0	0	235	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	1	24	0	24	24	7	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	596	2	298	0	596	298	25	628	2	314	0	628	2	314	0	628	2	314
	Through-Right		0							0				0				0	
	Right	340	1	255	11	351	227	34	378	1	252	11	389	1	223	0	389	1	223
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	555		North-South:	564		North-South:		607		North-South:		677		North-South:		677
			East-West:	436		East-West:	436		East-West:		453		East-West:		453		East-West:		453
			SUM:	991		SUM:	1000		SUM:		1060		SUM:		1130		SUM:		1130
	VOLUME/CAPACITY (V/C) RATIO:			0.721			0.727				0.771				0.822				0.822
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.621			0.627				0.671				0.722				0.722
	LEVEL OF SERVICE (LOS):			B			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
70	East-West Street:	Jefferson	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	83	1	83	0	83	83	6	90	1	90	0	90	1	90	0	90	1	90
	Left-Through		0							0				0				0	
	Through	492	2	174	22	514	181	418	916	2	333	22	938	2	340	0	938	2	340
	Through-Right		1							1				1				1	
	Right	30	0	30	0	30	30	53	83	0	83	0	83	0	83	0	83	0	83
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	638	2	319	0	638	319	120	766	2	383	0	766	2	383	0	766	2	383
	Through-Right		0							0				0				0	
	Right	311	1	311	0	311	311	38	353	1	353	0	353	1	353	0	353	1	353
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	148	1	148	0	148	148	0	150	1	150	0	150	1	150	0	150	1	150
	Left-Through		0							0				0				0	
	Through	968	2	484	0	968	484	119	1099	2	550	0	1099	2	550	0	1099	2	550
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	174		North-South:	181		North-South:		333		North-South:		340		North-South:		340
			East-West:	484		East-West:	484		East-West:		550		East-West:		550		East-West:		550
			SUM:	658		SUM:	665		SUM:		883		SUM:		890		SUM:		890
	VOLUME/CAPACITY (V/C) RATIO:			0.462			0.467				0.642				0.647				0.647
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.362			0.367				0.542				0.547				0.547
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
72	East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	169	2	93	0	169	93	0	171	2	94	0	171	2	94	0	171	2	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	828	2	455	0	828	455	38	876	2	482	0	876	2	482	0	876	2	482
	Left-Through		0							0				0				0	
	Through	296	2	148	22	318	159	408	708	2	354	22	730	2	365	0	730	2	365
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	684	4	147	79	763	162	105	797	4	169	80	877	4	185	0	877	4	185
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	548		North-South:	548		North-South:		576		North-South:		576		North-South:		576
			East-West:	147		East-West:	162		East-West:		169		East-West:		185		East-West:		185
			SUM:	695		SUM:	710		SUM:		745		SUM:		761		SUM:		761
	VOLUME/CAPACITY (V/C) RATIO:			0.488			0.498				0.523				0.534				0.534
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.388			0.398				0.423				0.434				0.434
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.051 | Δv/c after mitigation: 0.051

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
72	East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	169	2	93	0	169	93	0	171	2	94	0	171	2	94	0	171	2	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	828	2	455	0	828	455	38	876	2	482	0	876	2	482	0	876	2	482
	Left-Through		0							0				0				0	
	Through	296	2	148	22	318	159	408	708	2	354	22	730	2	365	0	730	2	365
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	684	4	147	79	763	162	105	797	4	169	80	877	4	185	0	877	4	185
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	548		North-South:	548		North-South:		576		North-South:		576		North-South:		576
			East-West:	147		East-West:	162		East-West:		169		East-West:		185		East-West:		185
			SUM:	695		SUM:	710		SUM:		745		SUM:		761		SUM:		761
	VOLUME/CAPACITY (V/C) RATIO:			0.488			0.498				0.523				0.534				0.534
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.388			0.398				0.423				0.434				0.434
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.011 | Δv/c after mitigation: 0.011

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
73	I-110 NB Off- Ramp	2011	0.2	Eric Ji	11/1/2011
	East-West Street: 37th Street	Projection Year: 2017	Peak Hour:	Reviewed by:	Project: LAEC

No. of Phases			3			3			3					3					3					3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0					0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0			0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	886	2	371	11	897	403	47	944	2	391	11	955	2	423	0	955	2	423
	Through-Right		1							1				1				1	
	Right	227	0	227	84	311	311	0	230	0	230	84	314	0	314	0	314	0	314
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	456	2	251	0	456	251	56	517	2	284	0	517	2	284	0	517	2	284
	Left-Through		0							0				0				0	
	Through	206	2	103	0	206	103	1	209	2	105	0	209	2	105	0	209	2	105
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	192	1	192	0	192	192	2	196	1	196	0	196	1	196	0	196	1	196
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		371	North-South:		403	North-South:			391	North-South:			423	North-South:			423
		East-West:		443	East-West:		443	East-West:			480	East-West:			480	East-West:			480
		SUM:		814	SUM:		846	SUM:			871	SUM:			903	SUM:			903
VOLUME/CAPACITY (V/C) RATIO:				0.571			0.594				0.611				0.634				0.634
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.471			0.494				0.511				0.534				0.534
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.023 Δv/c after mitigation: 0.023

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
74	Hill	2011	0.2	Eric Ji	11/1/2011
	East-West Street: 37th Street	Projection Year: 2017	Peak Hour:	Reviewed by:	Project: LAEC

No. of Phases			2			2			2					2					2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	19	1	19	0	19	19	0	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	294	1	154	225	519	267	196	494	1	254	225	719	1	367	0	719	1	367
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	552	1	294	0	552	294	120	679	1	357	0	679	1	357	0	679	1	357
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	117	0	117	72	189	189	0	118	0	118	72	190	0	190	0	190	0	190
	Left-Through		1							1				1				1	
	Through	90	0	207	0	90	279	1	92	0	210	0	92	0	282	0	92	0	282
	Through-Right		0							0				0				0	
	Right	54	1	45	0	54	45	0	55	1	46	0	55	1	46	0	55	1	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
	Left-Through		0							0				0				0	
	Through	25	0	52	0	25	52	2	27	0	54	0	27	0	54	0	27	0	54
	Through-Right		0							0				0				0	
	Right	21	0	0	0	21	0	0	21	0	0	0	21	0	0	0	21	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		313	North-South:		313	North-South:			376	North-South:			392	North-South:			392
		East-West:		213	East-West:		285	East-West:			216	East-West:			288	East-West:			288
		SUM:		526	SUM:		598	SUM:			592	SUM:			680	SUM:			680
VOLUME/CAPACITY (V/C) RATIO:				0.351			0.399				0.395				0.453				0.453
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.251			0.299				0.295				0.353				0.353
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.058 Δv/c after mitigation: 0.058

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
75	Broadway	2011	0.2	Eric Ji	11/1/2011
	East-West Street: 37th	Projection Year: 2017	Peak Hour:	Reviewed by:	Project: LAEC

No. of Phases			2			2			2					2					2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	19	1	19	0	19	19	2	21	1	21	0	21	1	21	0	21	1	21
	Left-Through		0							0				0				0	
	Through	519	1	264	0	519	264	135	660	1	334	0	660	1	334	0	660	1	334
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	4	1	4	0	4	4	0	4	1	4	0	4	1	4	0	4	1	4
	Left-Through		0							0				0				0	
	Through	1035	1	525	12	1047	531	103	1150	1	582	13	1163	1	589	0	1163	1	589
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	61	0	61	0	61	61	0	62	0	62	0	62	0	62	0	62	0	62
	Left-Through		0							0				0				0	
	Through	30	0	161	0	30	161	0	30	0	164	0	30	0	164	0	30	0	164
	Through-Right		0							0				0				0	
	Right	70	0	0	0	70	0	1	72	0	0	0	72	0	0	0	72	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
WESTBOUND	Left	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through		0							0				0				0	
	Through	4	0	17	0	4	17	0	4	0	17	0	4	0	17	0	4	0	17
	Through-Right		0							0				0				0	
	Right	10	0	0	0	10	0	0	10	0	0	0	10	0	0	0	10	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		544	North-South:		550	North-South:			603	North-South:			610	North-South:			610
		East-West:		164	East-West:		164	East-West:			167	East-West:			167	East-West:			167
		SUM:		708	SUM:		714	SUM:			770	SUM:			777	SUM:			777
VOLUME/CAPACITY (V/C) RATIO:				0.472			0.476				0.513				0.518				0.518
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.372			0.376				0.413				0.418				0.418
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.005 Δv/c after mitigation: 0.005

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
76	Figueroa	2011	0.2	Eric Ji	11/1/2011
	East-West Street: 39th	Projection Year: 2017	Peak Hour:	Reviewed by:	Project: LAEC

No. of Phases			4			4			4					4					4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	25	2	14	0	25	14	0	25	2	14	0	25	2	14	0	25	2	14
	Left-Through		0							0				0				0	
	Through	618	2	241	11	629	245	434	1059	2	388	11	1070	2	392	0	1070	2	392
	Through-Right		1							1				1				1	
	Right	105	0	105	0	105	105	0	106	0	106	0	106	0	106	0	106	0	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	177	2	97	0	177	97	19	198	2	109	0	198	2	109	0	198	2	109
	Left-Through		0							0				0				0	
	Through	1252	2	419	7	1259	421	76	1343	2	449	7	1350	2	451	0	1350	2	451
	Through-Right		1							1				1				1	
	Right	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	97	1	53	0	97	53	0	98	1	54	0	98	1	54	0	98	1	54
	Left-Through		1							1				1				1	
	Through	30	0	47	0	30	47	0	30	0	47	0	30	0	47	0	30	0	47
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	437	1	240	0	437	240	0	442	1	243	0	442	1	243	0	442	1	243
	Left-Through		1							1				1				1	
	Through	22	0	294	0	22	317	0	22	0	313	0	22	0	336	0	22	0	336
	Through-Right		1							1				1				1	
	Right	272	0	272	23	295	295	16	291	0	291	23	314	0	314	0	314	0	314
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		433	North-South:		435	North-South:			497	North-South:			501	North-South:			501
		East-West:		347	East-West:		370	East-West:			367	East-West:			390	East-West:			390
		SUM:		780	SUM:		805	SUM:			864	SUM:			891	SUM:			891
VOLUME/CAPACITY (V/C) RATIO:				0.567			0.585				0.628				0.648				0.648
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.467			0.485				0.528				0.548				0.548
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.020 Δv/c after mitigation: 0.020

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	77	North-South Street:	I-110 SB HOV Off Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	SB--
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	WB--
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2				2			
Override Capacity			0			0			0			0			0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	218	0	218	23	241	241	16	237	0	237	23	260	0	260	0	260	0	260
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	120	0	338	165	285	526	0	121	0	358	165	286	0	546	0	286	0	546
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	116	2	58	0	116	58	0	117	2	59	0	117	2	59	0	117	2	59
	Through-Right		0							0				0				0	
	Right	284	1	284	22	306	306	19	306	1	306	22	328	1	328	0	328	1	328
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	227	1	227	0	227	227	0	230	1	230	0	230	1	230	0	230	1	230
	Left-Through		0							0				0				0	
	Through	422	2	211	0	422	211	0	427	2	214	0	427	2	214	0	427	2	214
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		338	North-South:		526	North-South:			358	North-South:			546	North-South:			546
		East-West:		511	East-West:		533	East-West:			536	East-West:			558	East-West:			558
		SUM:		849	SUM:		1059	SUM:			894	SUM:			1104	SUM:			1104
VOLUME/CAPACITY (V/C) RATIO:				0.566			0.706				0.596				0.736				0.736
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.466			0.606				0.496				0.636				0.636
LEVEL OF SERVICE (LOS):				A			B				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.140 Δv/c after mitigation: 0.140

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	78	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4				4				4				4				4			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				1				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--	0	NB-- 3	SB--	0	NB--	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	SB--
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	WB--
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2				2			
Override Capacity			0			0			0			0			0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	121	1	121	0	121	121	2	124	1	124	0	124	1	124	0	124	1	124
	Left-Through		0							0				0				0	
	Through	417	3	139	0	417	139	408	830	3	277	0	830	3	277	0	830	3	277
	Through-Right		0							0				0				0	
	Right	116	1	0	0	116	0	2	119	1	0	0	119	1	0	0	119	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	171	1	171	7	178	178	26	199	1	199	7	206	1	206	0	206	1	206
	Left-Through		0							0				0				0	
	Through	1100	2	482	0	1100	482	48	1161	2	387	0	1161	2	387	0	1161	2	387
	Through-Right		1							1				1				1	
	Right	347	0	347	0	347	347	1	352	1	270	0	352	1	270	0	352	1	270
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	160	1	160	0	160	160	2	164	1	164	0	164	1	164	0	164	1	164
	Left-Through		0							0				0				0	
	Through	1125	2	415	0	1125	415	2	1141	2	422	0	1141	2	422	0	1141	2	422
	Through-Right		1							1				1				1	
	Right	121	0	121	0	121	121	2	124	0	124	0	124	0	124	0	124	0	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	274	1	274	0	274	274	11	288	1	288	0	288	1	288	0	288	1	288
	Left-Through		0							0				0				0	
	Through	1369	2	481	0	1369	485	4	1390	2	497	0	1390	2	500	0	1390	2	500
	Through-Right		1							1				1				1	
	Right	75	0	75	11	86	86	24	100	0	100	11	111	0	111	0	111	0	111
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		603	North-South:		603	North-South:			511	North-South:			511	North-South:			511
		East-West:		689	East-West:		689	East-West:			710	East-West:			710	East-West:			710
		SUM:		1292	SUM:		1292	SUM:			1221	SUM:			1221	SUM:			1221
VOLUME/CAPACITY (V/C) RATIO:				0.940			0.940				0.888				0.888				0.888
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.840			0.840				0.788				0.788				0.788
LEVEL OF SERVICE (LOS):				D			D				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	79	North-South Street:	I-110 SB Ramps	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	SB--
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	WB--
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2				2			
Override Capacity			0			0			0			0			0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	233	1	233	0	233	233	0	236	1	236	0	236	1	236	0	236	1	236
	Left-Through		0							0				0				0	
	Through	90	0	336	0	90	336	0	91	0	344	0	91	0	344	0	91	0	344
	Through-Right		0							0				0				0	
	Right	581	1	0	0	581	0	9	597	1	0	0	597	1	0	0	597	1	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	855	2	428	0	855	428	30	895	2	448	0	895	2	448	0	895	2	448
	Through-Right		1							1				1				1	
	Right	552	0	552	7	559	559	0	559	0	559	7	566	0	566	0	566	0	566
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	350	1	350	0	350	350	0	354	1	354	0	354	1	354	0	354	1	354
	Left-Through		0							0				0				0	
	Through	1174	3	391	11	1185	395	30	1218	3	406	11	1229	3	410	0	1229	3	410
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		336	North-South:		336	North-South:			344	North-South:			344	North-South:			344
		East-West:		902	East-West:		909	East-West:			913	East-West:			920	East-West:			920
		SUM:		1238	SUM:		1245	SUM:			1257	SUM:			1264	SUM:			1264
VOLUME/CAPACITY (V/C) RATIO:				0.825			0.830				0.838				0.843				0.843
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.725			0.730				0.738				0.743				0.743
LEVEL OF SERVICE (LOS):				C			C				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.005 Δv/c after mitigation: 0.005

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	80	North-South Street:	I-110 NB Ramps/Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4				4				4				4				4			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				1				1				1				1				1			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	SB--
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	WB--
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2				2			
Override Capacity			0			0			0			0			0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	339	1	335	11	350	350	0	343	1	343	11	354	1	354	0	354	1	354
	Left-Through		0							0				0				0	
	Through	82	0	335	85	167	415	196	279	0	530	85	364	0	615	0	364	0	615
	Through-Right		0							0				0				0	
	Right	248	0	0	0	248	0	0	251	0	0	0	251	0	0	0	251	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	163	1	163	0	163	163	0	165	1	165	0	165	1	165	0	165	1	165
	Left-Through		0							0				0				0	
	Through	14	1	14	0	14	14	120	134	1	134	0	134	1	134	0	134	1	134
	Through-Right		0							0				0				0	
	Right	291	1	241	0	291	241	0	295	1	244	0	295	1	244	0	295	1	244
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	101	1	101	0	101	101	0	102	1	102	0	102	1	102	0	102	1	102
	Left-Through		0							0				0				0	
	Through	861	2	337	0	861	337	30	901	2	351	0	901	2	351	0	901	2	351
	Through-Right		1							1				1				1	
	Right	149	0	149	0	149	149	0	151	0	151	0	151	0	151	0	151	0	151
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	915	2	326	0	915	326	30	956	2	340	0	956	2	340	0	956	2	340
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	0	65	0	65	0	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		576	North-South:		656	North-South:			774	North-South:			859	North-South:			859
		East-West:		427	East-West:		427	East-West:			442	East-West:			442	East-West:			442
		SUM:		1003	SUM:		1083	SUM:			1216	SUM:			1301	SUM:			1301
VOLUME/CAPACITY (V/C) RATIO:				0.729			0.788				0.884				0.946				0.946
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.629			0.688				0.784				0.846				0.846
LEVEL OF SERVICE (LOS):				B			B				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.062 Δv/c after mitigation: 0.062

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
81	East-West Street:	James Wood	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	275	1	275	108	383	383	214	492	1	492	110	602	1	602	0	602	1	602
	Through-Right		0							0				1				1	
	Right	51	1	51	0	51	51	25	77	1	77	0	77	1	77	0	77	1	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	196	0	196	0	196	196	24	222	0	222	0	222	0	222	0	222	0	222
	Left-Through		1							1				1				1	
	Through	773	1	332	378	1151	458	526	1308	1	519	372	1680	1	643	0	1680	1	643
	Through-Right		1							1				1				1	
	Right	26	0	332	0	26	458	0	26	0	519	0	26	0	643	0	26	0	643
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		275		North-South:	383		North-South:		492		North-South:		602		North-South:		602
		East-West:		332		East-West:	458		East-West:		519		East-West:		643		East-West:		643
		SUM:		607		SUM:	841		SUM:		1011		SUM:		1245		SUM:		1245
VOLUME/CAPACITY (V/C) RATIO:				0.405			0.561				0.674				0.830				0.830
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.305			0.461				0.574				0.730				0.730
LEVEL OF SERVICE (LOS):				A			A				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.156 | Δv/c after mitigation: 0.156
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
82	East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	145	1	145	0	145	145	261	408	1	408	0	408	1	408	0	408	1	408
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	330	0	330	50	380	380	89	423	1	423	50	473	1	473	0	473	1	473
	Left-Through		1							1				1				1	
	Through	1304	3	409	566	1870	563	904	2224	4	445	559	2783	4	557	0	2783	4	557
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		145		North-South:	145		North-South:		408		North-South:		408		North-South:		408
		East-West:		409		East-West:	563		East-West:		445		East-West:		557		East-West:		557
		SUM:		554		SUM:	708		SUM:		853		SUM:		965		SUM:		965
VOLUME/CAPACITY (V/C) RATIO:				0.369			0.472				0.569				0.643				0.643
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.269			0.372				0.469				0.543				0.543
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.074 | Δv/c after mitigation: 0.074
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
83	East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1360	3	376	450	1810	499	567	1943	3	538	500	2443	3	674	0	2443	3	674
	Through-Right		1							1				1				1	
	Right	144	0	144	43	187	187	63	209	0	209	43	252	0	252	0	252	0	252
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	375	1	287	373	748	400	125	505	1	505	366	871	1	635	0	871	1	635
	Left-Through		1							1				1				1	
	Through	1059	3	287	193	1252	400	1041	2113	3	528	193	2306	3	635	0	2306	3	635
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		376		North-South:	499		North-South:		538		North-South:		674		North-South:		674
		East-West:		287		East-West:	400		East-West:		528		East-West:		635		East-West:		635
		SUM:		663		SUM:	899		SUM:		1066		SUM:		1309		SUM:		1309
VOLUME/CAPACITY (V/C) RATIO:				0.442			0.599				0.711				0.873				0.873
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.342			0.499				0.611				0.773				0.773
LEVEL OF SERVICE (LOS):				A			A				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.162 | Δv/c after mitigation: 0.162
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
84	East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	159	1	159	0	159	159	12	173	1	173	0	173	1	173	0	173	1	173
	Left-Through		0							0				0				0	
	Through	1149	4	287	340	1489	372	532	1695	4	424	341	2036	4	509	0	2036	4	509
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	907	3	266	127	1034	325	846	1764	3	546	127	1891	3	605	0	1891	3	605
	Through-Right		1							1				1				1	
	Right	158	0	158	109	267	267	258	418	0	418	110	528	0	528	0	528	0	528
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		287		North-South:	372		North-South:		424		North-South:		509		North-South:		509
		East-West:		266		East-West:	325		East-West:		546		East-West:		605		East-West:		605
		SUM:		553		SUM:	697		SUM:		970		SUM:		1114		SUM:		1114
VOLUME/CAPACITY (V/C) RATIO:				0.369			0.465				0.647				0.743				0.743
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.269			0.365				0.547				0.643				0.643
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.096 | Δv/c after mitigation: 0.096
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	85	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	536	2	204	1	537	205	127	669	1	374	1	670	1	374	0	670	1	374
	Through-Right		1							1				1				1	
	Right	77	0	77	0	77	77	0	78	0	78	0	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	63	1	63	0	63	63	4	68	1	68	0	68	1	68	0	68	1	68
	Left-Through		0							0				0				0	
	Through	495	2	248	0	495	248	108	609	1	609	0	609	1	609	0	609	1	609
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	128	1	128	0	128	128	86	216	1	216	0	216	1	216	0	216	1	216
	Left-Through		0							0				0				0	
	Through	1080	3	360	24	1104	368	332	1425	3	475	24	1449	3	483	0	1449	3	483
	Through-Right		0							0				0				0	
	Right	75	1	75	0	75	75	99	175	1	175	0	175	1	175	0	175	1	175
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		267		North-South:	268		North-South:		609		North-South:		609		North-South:		609
		East-West:		360		East-West:	368		East-West:		475		East-West:		483		East-West:		483
		SUM:		627		SUM:	636		SUM:		1084		SUM:		1092		SUM:		1092
VOLUME/CAPACITY (V/C) RATIO:				0.418			0.424				0.723				0.728				0.728
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.318			0.324				0.623				0.628				0.628
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.005 | Δv/c after mitigation: 0.005

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	86	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	414	2	207	0	414	207	429	848	2	424	0	848	2	424	0	848	2	424
	Through-Right		0							0				0				0	
	Right	52	1	52	0	52	52	0	53	1	53	0	53	1	53	0	53	1	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	744	2	409	0	744	409	135	888	2	488	40	928	2	510	0	928	2	510
	Left-Through		0							0				0				0	
	Through	869	1	600	0	869	600	191	1070	1	703	0	1070	1	703	0	1070	1	703
	Through-Right		1							1				1				1	
	Right	331	0	331	0	331	331	1	336	0	336	0	336	0	336	0	336	0	336
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		207		North-South:	207		North-South:		424		North-South:		424		North-South:		424
		East-West:		600		East-West:	600		East-West:		703		East-West:		703		East-West:		703
		SUM:		807		SUM:	807		SUM:		1127		SUM:		1127		SUM:		1127
VOLUME/CAPACITY (V/C) RATIO:				0.538			0.538				0.751				0.751				0.751
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.438			0.438				0.651				0.651				0.651
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	87	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	620	2	341	0	620	341	118	745	2	410	0	745	2	410	0	745	2	410
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	97	97	0	0	0	97	0	0	0	97	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	197	197	0	0	0	197	0	0	0	197	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	77	0	77	220	297	297	147	225	0	225	220	445	0	445	0	445	0	445
	Left-Through		1							1				1				1	
	Through	1709	4	357	345	2054	470	408	2138	4	473	421	2559	4	601	0	2559	4	601
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	55	55	0	55	0	55	0	55	0	55	0	55
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		341		North-South:	341		North-South:		410		North-South:		410		North-South:		410
		East-West:		357		East-West:	470		East-West:		473		East-West:		601		East-West:		601
		SUM:		698		SUM:	811		SUM:		883		SUM:		1011		SUM:		1011
VOLUME/CAPACITY (V/C) RATIO:				0.465			0.541				0.589				0.674				0.674
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.365			0.441				0.489				0.574				0.574
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.085 | Δv/c after mitigation: 0.085

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	88	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	208	1	208	266	474	474	233	444	1	444	306	750	1	750	0	750	1	750
	Left-Through		0							0				0				0	
	Through	1749	6	292	335	2084	347	459	2229	6	372	337	2566	6	428	0	2566	6	428
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1554	4	389	299	1853	463	377	1950	4	488	335	2285	4	571	0	2285	4	571
	Through-Right		0							0				0				0	
	Right	291	1	291	224	515	515	17	312	1	312	224	536	1	536	0	536	1	536
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		292		North-South:	474		North-South:		444		North-South:		750		North-South:		750
		East-West:		389		East-West:	515		East-West:		488		East-West:		571		East-West:		571
		SUM:		681		SUM:	989		SUM:		932		SUM:		1321		SUM:		1321
VOLUME/CAPACITY (V/C) RATIO:				0.454			0.659				0.621				0.881				0.881
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.354			0.559				0.521				0.781				0.781
LEVEL OF SERVICE (LOS):				A			A				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.260 | Δv/c after mitigation: 0.260

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	89	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1343	4	336	472	1815	454	491	1850	4	**463**	474	2324	4	581	0	2324	4	581
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	338	1	**338**	239	577	**577**	36	378	1	378	239	617	1	**617**	0	617	1	**617**
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	131	0	131	37	168	168	53	186	0	186	37	223	0	223	0	223	0	223
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	1359	3	**373**	284	1643	**453**	357	1732	3	**480**	320	2052	3	**569**	0	2052	3	**569**
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	338		North-South:	577		North-South:		463		North-South:		617		North-South:		617
		East-West:	373		East-West:	453		East-West:		480		East-West:		569		East-West:		569
		SUM:	711		SUM:	1030		SUM:		943		SUM:		1186		SUM:		1186
VOLUME/CAPACITY (V/C) RATIO:			0.474			0.687				0.629				0.791				0.791
V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.374**			**0.587**				**0.529**				**0.691**				**0.691**
LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**B**				**B**

PROJECT IMPACT

Change in v/c due to project: 0.162 Δv/c after mitigation: 0.162
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	90	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	64	1	**64**	0	64	**64**	5	70	1	**70**	0	70	1	**70**	0	70	1	**70**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	482	2	241	11	493	247	116	604	2	302	11	615	2	308	0	615	2	308
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	762	2	**381**	124	886	**443**	250	1021	2	**511**	124	1145	2	**573**	0	1145	2	**573**
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	143	1	143	91	234	234	77	222	1	222	91	313	1	313	0	313	1	313
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	74	1	74	52	126	126	63	138	1	138	52	190	1	190	0	190	1	190
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	754	2	**275**	75	829	**301**	376	1139	2	**408**	75	1214	2	**433**	0	1214	2	**433**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	72	0	72	1	73	73	12	85	0	85	1	86	0	86	0	86	0	86
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	445		North-South:	507		North-South:		581		North-South:		643		North-South:		643
		East-West:	275		East-West:	301		East-West:		408		East-West:		433		East-West:		433
		SUM:	720		SUM:	808		SUM:		989		SUM:		1076		SUM:		1076
VOLUME/CAPACITY (V/C) RATIO:			0.480			0.539				0.659				0.717				0.717
V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.380**			**0.439**				**0.559**				**0.617**				**0.617**
LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**B**				**B**

PROJECT IMPACT

Change in v/c due to project: 0.058 Δv/c after mitigation: 0.058
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	91	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 2
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	76	1	**76**	1	77	**77**	59	136	1	**136**	1	137	1	**137**	0	137	1	**137**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	598	3	199	0	598	199	154	759	2	380	0	759	2	380	0	759	2	380
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	503	1	**283**	0	503	**283**	112	621	0	**731**	0	621	0	**731**	0	621	0	**731**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	63	1	63	0	63	63	46	110	0	0	0	110	0	0	0	110	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	60	0	60	0	60	60	0	61	0	61	0	61	0	61	0	61	0	61
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	755	2	**223**	126	881	**255**	346	1110	2	**314**	126	1236	2	**346**	0	1236	2	**346**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	78	0	223	0	78	255	6	85	0	314	0	85	0	346	0	85	0	346
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	359		North-South:	360		North-South:		867		North-South:		868		North-South:		868
		East-West:	223		East-West:	255		East-West:		314		East-West:		346		East-West:		346
		SUM:	582		SUM:	615		SUM:		1181		SUM:		1214		SUM:		1214
VOLUME/CAPACITY (V/C) RATIO:			0.408			0.432				0.829				0.852				0.852
V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.308**			**0.332**				**0.729**				**0.752**				**0.752**
LEVEL OF SERVICE (LOS):			**A**			**A**				**C**				**C**				**C**

PROJECT IMPACT

Change in v/c due to project: 0.023 Δv/c after mitigation: 0.023
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	92	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0
Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0
ATSAC-1 or ATSAC+ATCS-2?: 1
Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	62	1	**62**	0	62	**62**	0	63	1	**63**	0	63	1	**63**	0	63	1	**63**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	181	1	181	0	181	181	18	201	1	201	0	201	1	201	0	201	1	201
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	119	1	83	0	119	83	0	120	1	81	0	120	1	81	0	120	1	81
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	77	1	77	0	77	77	0	78	1	78	0	78	1	78	0	78	1	78
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	272	1	**272**	0	272	**272**	39	314	1	**314**	0	314	1	**314**	0	314	1	**314**
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	90	1	56	0	90	56	16	107	1	51	0	107	1	51	0	107	1	51
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	68	1	68	0	68	68	44	113	1	**113**	0	113	1	113	0	113	1	113
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	758	2	**379**	200	958	**479**	143	910	2	455	201	1111	2	**556**	0	1111	2	**556**
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	78	1	47	0	78	47	55	134	1	103	0	134	1	103	0	134	1	103
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	72	1	**72**	0	72	**72**	6	79	1	79	0	79	1	**79**	0	79	1	**79**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	695	2	348	52	747	374	220	923	2	**462**	53	976	2	488	0	976	2	488
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	57	1	19	0	57	19	36	94	1	55	0	94	1	55	0	94	1	55
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:	334		North-South:	334		North-South:		377		North-South:		377		North-South:		377
		East-West:	451		East-West:	551		East-West:		575		East-West:		635		East-West:		635
		SUM:	785		SUM:	885		SUM:		952		SUM:		1012		SUM:		1012
VOLUME/CAPACITY (V/C) RATIO:			0.523			0.590				0.635				0.675				0.675
V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.453**			**0.520**				**0.535**				**0.575**				**0.575**
LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.040 Δv/c after mitigation: 0.040
Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	93	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3				3				3				3				3				3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	96	0	96	52	148	148	78	175	0	175	53	228	0	228	0	228	0	228
	Left-Through		1							1				1				1	
	Through	2032	3	438	137	2169	491	458	2515	3	551	138	2653	3	604	0	2653	3	604
	Through-Right		1							1				1				1	
	Right	62	0	438	77	139	491	0	63	0	551	77	140	0	604	0	140	0	604
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	493	2	271	0	493	271	382	881	2	485	0	881	2	485	0	881	2	485
	Left-Through		0							0				0				0	
	Through	581	2	291	200	781	391	184	772	2	386	200	972	2	486	0	972	2	486
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	347	2	174	0	347	174	140	491	2	246	0	491	2	246	0	491	2	246
	Through-Right		0							0				0				0	
	Right	330	1	330	0	330	330	0	334	1	334	0	334	1	334	0	334	1	334
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		438	North-South:		491	North-South:			551	North-South:			604	North-South:			604
		East-West:		601	East-West:		601	East-West:			819	East-West:			819	East-West:			819
		SUM:		1039	SUM:		1092	SUM:			1370	SUM:			1423	SUM:			1423
VOLUME/CAPACITY (V/C) RATIO:				0.729			0.766				0.961				0.999				1.131
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.659			0.696				0.861				0.899				0.899
LEVEL OF SERVICE (LOS):				B			B				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.038 Δv/c after mitigation: 0.038

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	94	North-South Street:	Lucas	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	28	0	28	0	28	28	10	38	0	38	0	38	0	38	0	38	0	38
	Left-Through		0							0				0				0	
	Through	358	0	482	0	358	482	134	496	0	696	0	496	0	696	0	496	0	696
	Through-Right		0							0				0				0	
	Right	96	0	0	0	96	0	65	162	0	0	0	162	0	0	0	162	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	39	0	39	207	246	246	59	98	0	98	207	305	0	305	0	305	0	305
	Left-Through		0							0				0				0	
	Through	242	0	388	99	341	694	119	364	0	574	99	463	0	880	0	463	0	880
	Through-Right		0							0				0				0	
	Right	107	0	0	0	107	0	4	112	0	0	0	112	0	0	0	112	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	127	1	127	0	127	127	6	135	1	135	0	135	1	135	0	135	1	135
	Left-Through		0							0				0				0	
	Through	793	1	414	0	793	414	336	1139	1	592	0	1139	1	592	0	1139	1	592
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	9	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	62	1	62	0	62	62	5	68	1	68	0	68	1	68	0	68	1	68
	Left-Through		0							0				0				0	
	Through	721	1	404	0	721	404	254	984	1	561	0	984	1	561	0	984	1	561
	Through-Right		1							1				1				1	
	Right	87	0	87	0	87	87	50	138	0	138	0	138	0	138	0	138	0	138
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		521	North-South:		728	North-South:			794	North-South:			1001	North-South:			1001
		East-West:		531	East-West:		531	East-West:			696	East-West:			696	East-West:			696
		SUM:		1052	SUM:		1259	SUM:			1490	SUM:			1697	SUM:			1697
VOLUME/CAPACITY (V/C) RATIO:				0.701			0.839				0.993				1.131				1.131
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.631			0.769				0.893				1.031				1.031
LEVEL OF SERVICE (LOS):				B			C				D				F				F

PROJECT IMPACT

Change in v/c due to project: 0.138 Δv/c after mitigation: 0.138

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	95	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	110	1	110	0	110	110	4	115	1	115	0	115	1	115	0	115	1	115
	Left-Through		0							0				0				0	
	Through	94	0	187	0	94	187	12	107	0	219	0	107	0	219	0	107	0	219
	Through-Right		1							1				1				1	
	Right	93	0	0	0	93	0	18	112	0	0	0	112	0	0	0	112	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	78	1	78	0	78	78	7	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	271	0	353	0	271	353	22	296	0	401	0	296	0	401	0	296	0	401
	Through-Right		1							1				1				1	
	Right	82	0	0	0	82	0	22	105	0	0	0	105	0	0	0	105	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	75	1	75	0	75	75	12	88	1	88	0	88	1	88	0	88	1	88
	Left-Through		0							0				0				0	
	Through	731	1	439	207	938	543	424	1164	1	659	207	1371	1	763	0	1371	1	763
	Through-Right		1							1				1				1	
	Right	147	0	147	0	147	147	5	154	0	154	0	154	0	154	0	154	0	154
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	81	1	81	0	81	81	15	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	660	1	354	0	660	354	361	1029	1	542	0	1029	1	542	0	1029	1	542
	Through-Right		1							1				1				1	
	Right	48	0	48	0	48	48	6	55	0	55	0	55	0	55	0	55	0	55
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		463	North-South:		463	North-South:			516	North-South:			516	North-South:			516
		East-West:		520	East-West:		624	East-West:			756	East-West:			860	East-West:			860
		SUM:		983	SUM:		1087	SUM:			1272	SUM:			1376	SUM:			1376
VOLUME/CAPACITY (V/C) RATIO:				0.655			0.725				0.848				0.917				0.917
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.585			0.655				0.748				0.817				0.817
LEVEL OF SERVICE (LOS):				A			B				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.069 Δv/c after mitigation: 0.069

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	96	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	2824	5	471	124	2948	491	738	3596	5	599	125	3721	5	620	0	3721	5	620
	Through-Right		1							1				1				1	
	Right	164	1	164	12	176	176	102	268	1	268	12	280	1	280	0	280	1	280
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	370	1	239	54	424	411	135	509	1	377	54	563	1	549	0	563	1	549
	Left-Through		1							1				1				1	
	Through	1065	4	239	976	2041	411	676	1754	4	377	976	2730	4	549	0	2730	4	549
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		471	North-South:		491	North-South:			599	North-South:			620	North-South:			620
		East-West:		239	East-West:		411	East-West:			377	East-West:			549	East-West:			549
		SUM:		710	SUM:		902	SUM:			976	SUM:			1169	SUM:			1169
VOLUME/CAPACITY (V/C) RATIO:				0.473			0.601				0.651				0.779				0.779
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.403			0.531				0.551				0.679				0.679
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.128 Δv/c after mitigation: 0.128

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	97	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2			2				2				2
Override Capacity			0			0			0				0			0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	295	2	162	29	324	178	2	301	2	166	29	330	2	182	0	330	2	182
	Left-Through		0							0				0				0	
	Through	1117	4	279	585	1702	426	333	1463	4	366	587	2050	4	513	0	2050	4	513
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1025	3	273	642	1667	470	461	1498	3	431	642	2140	3	629	0	2140	3	629
	Through-Right		1							1				1				1	
	Right	338	1	0	347	685	0	317	659	1	0	347	1006	1	0	0	1006	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		279	North-South:		426	North-South:			366	North-South:			513	North-South:			513
		East-West:		273	East-West:		470	East-West:			431	East-West:			629	East-West:			629
		SUM:		552	SUM:		896	SUM:			797	SUM:			1142	SUM:			1142
VOLUME/CAPACITY (V/C) RATIO:				0.368			0.597				0.531				0.761				0.761
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.298			0.527				0.431				0.661				0.661
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.230 Δv/c after mitigation: 0.230

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	98	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2			2				2				2
Override Capacity			0			0			0				0			0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	153	0	153	0	153	153	15	170	0	170	0	170	0	170	0	170	0	170
	Left-Through		1							1				1				1	
	Through	1043	3	299	351	1394	387	279	1335	3	376	351	1686	3	464	0	1686	3	464
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1289	4	284	281	1570	357	430	1735	4	384	281	2016	4	456	0	2016	4	456
	Through-Right		1							1				1				1	
	Right	132	0	132	82	214	214	49	183	0	183	82	265	0	265	0	265	0	265
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		299	North-South:		387	North-South:			376	North-South:			464	North-South:			464
		East-West:		284	East-West:		357	East-West:			384	East-West:			456	East-West:			456
		SUM:		583	SUM:		744	SUM:			760	SUM:			920	SUM:			920
VOLUME/CAPACITY (V/C) RATIO:				0.389			0.496				0.507				0.613				0.613
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.319			0.426				0.407				0.513				0.513
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.106 Δv/c after mitigation: 0.106

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	99	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2			2				2				2
Override Capacity			0			0			0				0			0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	562	1	328	0	562	328	153	722	1	408	0	722	1	408	0	722	1	408
	Through-Right		1							1				1				1	
	Right	93	0	93	0	93	93	0	94	0	94	0	94	0	94	0	94	0	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	63	1	63	0	63	63	27	91	1	91	0	91	1	91	0	91	1	91
	Left-Through		0							0				0				0	
	Through	694	3	231	173	867	289	307	1009	3	336	173	1182	3	394	0	1182	3	394
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	987	3	283	12	999	314	314	1313	3	374	12	1325	3	405	0	1325	3	405
	Through-Right		1							1				1				1	
	Right	143	0	143	112	255	255	37	182	0	182	112	294	0	294	0	294	0	294
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		391	North-South:		391	North-South:			499	North-South:			499	North-South:			499
		East-West:		283	East-West:		314	East-West:			374	East-West:			405	East-West:			405
		SUM:		674	SUM:		705	SUM:			873	SUM:			904	SUM:			904
VOLUME/CAPACITY (V/C) RATIO:				0.449			0.470				0.582				0.603				0.603
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.379			0.400				0.482				0.503				0.503
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.021 Δv/c after mitigation: 0.021

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	100	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2			2				2				2
Override Capacity			0			0			0				0			0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	170	0	170	0	170	170	38	210	0	210	0	210	0	210	0	210	0	210
	Left-Through		1							1				1				1	
	Through	831	4	200	183	1014	237	529	1370	2	527	183	1553	2	588	0	1553	2	588
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	888	3	257	12	900	260	309	1208	3	343	12	1220	3	346	0	1220	3	346
	Through-Right		1							1				1				1	
	Right	138	0	138	0	138	138	22	162	0	162	0	162	0	162	0	162	0	162
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		200	North-South:		237	North-South:			527	North-South:			588	North-South:			588
		East-West:		257	East-West:		260	East-West:			343	East-West:			346	East-West:			346
		SUM:		457	SUM:		497	SUM:			870	SUM:			934	SUM:			934
VOLUME/CAPACITY (V/C) RATIO:				0.305			0.331				0.580				0.623				0.623
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.235			0.261				0.480				0.523				0.523
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.043 Δv/c after mitigation: 0.043

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
101	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1254	4	314	65	1319	330	443	1712	4	428	66	1778	4	445	0	1778	4	445
	Through-Right		0							0				0				0	
	Right	141	1	141	0	141	141	30	173	1	173	0	173	1	173	0	173	1	173
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	251	0	251	0	251	251	145	399	0	399	0	399	0	399	0	399	0	399
	Left-Through		1							1				1				1	
	Through	773	3	256	12	785	259	202	984	3	328	12	996	3	332	0	996	3	332
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		314	North-South:		330	North-South:			428	North-South:			445	North-South:			445
		East-West:		256	East-West:		259	East-West:			399	East-West:			399	East-West:			399
		SUM:		570	SUM:		589	SUM:			827	SUM:			844	SUM:			844
VOLUME/CAPACITY (v/c) RATIO:				0.380			0.393				0.551				0.563				0.563
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.310			0.323				0.451				0.463				0.463
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.012 | Δv/c after mitigation: 0.012
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
102	East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	1034	3	362	0	1034	362	489	1535	3	537	0	1535	3	537	0	1535	3	537
	Left-Through		0							0				0				0	
	Through	2202	4	551	249	2451	613	394	2623	4	656	249	2872	4	718	0	2872	4	718
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1558	5	276	0	1558	293	444	2021	5	345	0	2021	5	362	0	2021	5	362
	Through-Right		1							1				1				1	
	Right	376	1	0	119	495	0	16	397	1	0	119	516	1	0	0	516	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		551	North-South:		613	North-South:			656	North-South:			718	North-South:			718
		East-West:		276	East-West:		293	East-West:			345	East-West:			362	East-West:			362
		SUM:		827	SUM:		906	SUM:			1001	SUM:			1080	SUM:			1080
VOLUME/CAPACITY (v/c) RATIO:				0.551			0.604				0.667				0.720				0.720
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.481			0.534				0.567				0.620				0.620
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.053 | Δv/c after mitigation: 0.053
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
103	East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	723	3	241	265	988	329	167	899	3	300	265	1164	3	388	0	1164	3	388
	Through-Right		0							0				0				0	
	Right	230	1	230	161	391	391	16	249	1	249	161	410	1	410	0	410	1	410
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	327	1	317	46	373	368	113	444	1	444	46	490	1	490	0	490	1	490
	Left-Through		1							1				1				1	
	Through	1260	3	317	209	1469	368	525	1800	3	450	209	2009	3	502	0	2009	3	502
	Through-Right		1							1				1				1	
	Right	155	0	155	4	159	159	5	162	0	162	4	166	0	166	0	166	0	166
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		241	North-South:		391	North-South:			300	North-South:			410	North-South:			410
		East-West:		317	East-West:		368	East-West:			450	East-West:			502	East-West:			502
		SUM:		558	SUM:		759	SUM:			750	SUM:			912	SUM:			912
VOLUME/CAPACITY (v/c) RATIO:				0.372			0.506				0.500				0.608				0.608
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.302			0.436				0.400				0.508				0.508
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.108 | Δv/c after mitigation: 0.108
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
104	East-West Street:	5th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 2 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	497	2	273	0	497	273	19	522	2	287	0	522	2	287	0	522	2	287
	Left-Through		0							0				0				0	
	Through	1180	3	393	39	1219	406	371	1565	3	522	39	1604	3	535	0	1604	3	535
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	341	2	188	0	341	188	147	492	2	271	0	492	2	271	0	492	2	271
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	967	3	251	260	1227	316	477	1456	3	376	260	1716	3	442	0	1716	3	442
	Through-Right		1							1				1				1	
	Right	35	0	35	1	36	36	14	49	0	49	1	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		461	North-South:		461	North-South:			558	North-South:			558	North-South:			558
		East-West:		251	East-West:		316	East-West:			376	East-West:			442	East-West:			442
		SUM:		712	SUM:		777	SUM:			934	SUM:			1000	SUM:			1000
VOLUME/CAPACITY (v/c) RATIO:				0.500			0.545				0.655				0.702				0.702
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.430			0.475				0.555				0.602				0.602
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: | Δv/c after mitigation: 0.047
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
105	Hill	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	62	1	62	0	62	62	1	64	1	64	0	64	1	64	0	64	1	64
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	623	2	312	0	623	312	152	783	2	392	0	783	2	392	0	783	2	392
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	825	2	300	244	1069	417	315	1150	2	482	244	1394	2	599	0	1394	2	599
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	75	0	75	108	183	183	219	295	0	295	108	403	0	403	0	403	0	403
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	40	1	40	48	88	88	19	59	1	59	48	107	1	107	0	107	1	107
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	852	3	229	153	1005	267	272	1134	3	313	153	1287	3	351	0	1287	3	351
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	64	0	64	0	64	64	53	118	0	118	0	118	0	118	0	118	0	118
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		362	North-South:		479	North-South:			546	North-South:			663	North-South:			663
	East-West:		229	East-West:		267	East-West:			313	East-West:			351	East-West:			351
	SUM:		591	SUM:		746	SUM:			859	SUM:			1014	SUM:			1014
VOLUME/CAPACITY (V/C) RATIO:			0.394			0.497				0.573				0.676				0.676
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.324			0.427				0.473				0.576				0.576
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.103 — Δv/c after mitigation: 0.103

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
106	Spring	2011	0.2	Eric Ji	1/9/2012
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	810	4	189	183	993	248	539	1359	3	453	183	1542	3	514	0	1542	3	514
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	136	0	136	201	337	337	154	292	1	292	201	493	1	493	0	493	1	493
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	113	0	113	0	113	113	27	141	0	141	0	141	0	141	0	141	0	141
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	516	3	157	0	516	157	201	723	3	216	0	723	3	216	0	723	3	216
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		189	North-South:		337	North-South:			453	North-South:			514	North-South:			514
	East-West:		157	East-West:		157	East-West:			216	East-West:			216	East-West:			216
	SUM:		346	SUM:		494	SUM:			669	SUM:			730	SUM:			730
VOLUME/CAPACITY (V/C) RATIO:			0.231			0.329				0.446				0.487				0.487
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.161			0.259				0.346				0.387				0.387
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.041 — Δv/c after mitigation: 0.041

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
107	Main	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	142	1	142	0	142	142	29	173	1	173	0	173	1	173	0	173	1	173
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1171	4	293	65	1236	309	559	1744	4	436	66	1810	4	453	0	1810	4	453
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	468	3	135	0	468	135	199	673	3	189	0	673	3	189	0	673	3	189
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	71	0	71	0	71	71	12	84	0	84	0	84	0	84	0	84	0	84
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		293	North-South:		309	North-South:			436	North-South:			453	North-South:			453
	East-West:		135	East-West:		135	East-West:			189	East-West:			189	East-West:			189
	SUM:		428	SUM:		444	SUM:			625	SUM:			642	SUM:			642
VOLUME/CAPACITY (V/C) RATIO:			0.285			0.296				0.417				0.428				0.428
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.215			0.226				0.317				0.328				0.328
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.011 — Δv/c after mitigation: 0.011

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
108	Figueroa	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	2nd	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	336	2	185	12	348	191	27	367	2	202	12	379	2	208	0	379	2	208
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1786	2	637	0	1786	637	257	2065	2	734	0	2065	2	734	0	2065	2	734
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	125	0	125	0	125	125	9	136	0	136	0	136	0	136	0	136	0	136
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	95	2	52	0	95	52	5	101	2	56	0	101	2	56	0	101	2	56
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	289	1	187	0	289	187	0	292	1	189	0	292	1	189	0	292	1	189
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	84	0	84	0	84	84	0	85	0	85	0	85	0	85	0	85	0	85
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	68	1	68	0	68	68	0	69	1	69	0	69	1	69	0	69	1	69
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	326	2	163	27	353	177	30	360	2	180	27	387	2	194	0	387	2	194
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	276	1	91	0	276	85	6	285	1	83	0	285	1	77	0	285	1	77
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	64	1	64	0	64	64	0	65	1	65	0	65	1	65	0	65	1	65
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	448	2	224	0	448	224	43	496	2	248	0	496	2	248	0	496	2	248
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	51	1	25	0	51	25	0	52	1	24	0	52	1	24	0	52	1	24
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		689	North-South:		689	North-South:			790	North-South:			790	North-South:			790
	East-West:		292	East-West:		292	East-West:			317	East-West:			317	East-West:			317
	SUM:		981	SUM:		981	SUM:			1107	SUM:			1107	SUM:			1107
VOLUME/CAPACITY (V/C) RATIO:			0.688			0.688				0.777				0.777				0.777
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.618			0.618				0.677				0.677				0.677
LEVEL OF SERVICE (LOS):			B			B				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
109	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	85	1	85	0	85	85	4	90	1	90	0	90	1	90	0	90	1	90
	Left-Through		0							0				0				0	
	Through	263	1	188	0	263	188	73	339	1	266	0	339	1	266	0	339	1	266
	Through-Right		1							1				1				1	
	Right	113	0	113	0	113	113	79	193	0	193	0	193	0	193	0	193	0	193
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	65	1	65	0	65	65	0	66	1	66	0	66	1	66	0	66	1	66
	Left-Through		0							0				0				0	
	Through	634	2	317	0	634	317	86	728	2	364	0	728	2	364	0	728	2	364
	Through-Right		0							0				0				0	
	Right	134	1	88	0	134	88	15	151	1	97	0	151	1	97	0	151	1	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	93	1	93	0	93	93	15	109	1	109	0	109	1	109	0	109	1	109
	Left-Through		0							0				0				0	
	Through	579	2	264	29	608	274	289	875	2	364	29	904	2	374	0	904	2	374
	Through-Right		1							1				1				1	
	Right	214	0	214	0	214	214	0	217	0	217	0	217	0	217	0	217	0	217
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	114	1	114	0	114	114	4	119	1	119	0	119	1	119	0	119	1	119
	Left-Through		0							0				0				0	
	Through	361	2	129	0	361	129	404	769	2	265	0	769	2	265	0	769	2	265
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	0	25	0	25	0	25	0	25	0	25	0	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		402	North-South:		402	North-South:			454	North-South:			454	North-South:			454
		East-West:		378	East-West:		388	East-West:			483	East-West:			493	East-West:			493
		SUM:		780	SUM:		790	SUM:			937	SUM:			947	SUM:			947
	VOLUME/CAPACITY (V/C) RATIO:			0.520			0.527				0.625				0.631				0.631
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.450			0.457				0.525				0.531				0.531
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.006 | Δv/c after mitigation: 0.006
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
110	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	202	1	202	0	202	202	16	220	1	220	0	220	1	220	0	220	1	220
	Left-Through		0							0				0				0	
	Through	553	2	277	0	553	277	55	615	2	308	0	615	2	308	0	615	2	308
	Through-Right		1							1				1				1	
	Right	110	1	0	0	110	0	8	119	1	0	0	119	1	0	0	119	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	66	1	66	18	84	84	55	122	1	122	18	140	1	140	0	140	1	140
	Left-Through		0							0				0				0	
	Through	323	1	176	338	661	345	109	436	1	232	338	774	1	401	0	774	1	401
	Through-Right		1							1				1				1	
	Right	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	185	1	185	0	185	185	4	191	1	191	0	191	1	191	0	191	1	191
	Left-Through		0							0				0				0	
	Through	749	2	375	29	778	389	313	1071	2	536	29	1100	2	550	0	1100	2	550
	Through-Right		0							0				0				0	
	Right	233	1	31	0	233	31	95	331	1	111	0	331	1	111	0	331	1	111
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	169	1	169	0	169	169	29	200	1	200	0	200	1	200	0	200	1	200
	Left-Through		0							0				0				0	
	Through	762	2	301	0	762	301	383	1154	2	459	0	1154	2	459	0	1154	2	459
	Through-Right		1							1				1				1	
	Right	140	0	140	0	140	140	80	222	0	222	0	222	0	222	0	222	0	222
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		378	North-South:		547	North-South:			452	North-South:			621	North-South:			621
		East-West:		544	East-West:		558	East-West:			736	East-West:			750	East-West:			750
		SUM:		922	SUM:		1105	SUM:			1188	SUM:			1371	SUM:			1371
	VOLUME/CAPACITY (V/C) RATIO:			0.671			0.804				0.864				0.997				0.997
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.601			0.734				0.764				0.897				0.897
	LEVEL OF SERVICE (LOS):			B			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.133 | Δv/c after mitigation: 0.133
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
111	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	31	1	31	0	31	31	53	84	1	84	0	84	1	84	0	84	1	84
	Left-Through		0							0				0				0	
	Through	650	2	325	0	650	325	95	753	2	377	0	753	2	377	0	753	2	377
	Through-Right		0							0				0				0	
	Right	61	1	0	0	61	0	282	344	1	214	0	344	1	213	0	344	1	213
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	48	1	48	0	48	48	68	117	1	117	0	117	1	117	0	117	1	117
	Left-Through		0							0				0				0	
	Through	667	1	371	395	1062	569	146	821	1	455	395	1216	1	652	0	1216	1	652
	Through-Right		1							1				1				1	
	Right	75	0	75	0	75	75	12	88	0	88	0	88	0	88	0	88	0	88
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	254	1	254	0	254	254	0	257	1	257	0	257	1	257	0	257	1	257
	Left-Through		0							0				0				0	
	Through	583	2	226	18	601	242	294	884	2	354	18	902	2	370	0	902	2	370
	Through-Right		1							1				1				1	
	Right	95	0	95	29	124	124	82	178	0	178	29	207	0	207	0	207	0	207
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	215	2	65	1	216	65	19	237	2	130	1	238	2	131	0	238	2	131
	Left-Through		0							0				0				0	
	Through	871	2	436	0	871	436	426	1308	2	648	0	1308	2	648	0	1308	2	648
	Through-Right		1							1				1				1	
	Right	475	0	451	0	475	451	154	635	0	635	0	635	0	635	0	635	0	635
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		402	North-South:		600	North-South:			539	North-South:			736	North-South:			736
		East-West:		705	East-West:		705	East-West:			905	East-West:			905	East-West:			905
		SUM:		1107	SUM:		1305	SUM:			1444	SUM:			1641	SUM:			1641
	VOLUME/CAPACITY (V/C) RATIO:			0.777			0.916				1.013				1.152				1.152
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.707			0.846				0.913				1.052				1.052
	LEVEL OF SERVICE (LOS):			C			D				E				F				F

PROJECT IMPACT

Change in v/c due to project: 0.139 | Δv/c after mitigation: 0.139
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
112	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	473	2	260	0	473	260	322	801	2	441	0	801	2	441	0	801	2	441
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	673	2	320	13	686	327	187	868	2	380	13	881	2	388	0	881	2	388
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	752	2	263	18	770	269	323	1084	2	433	18	1102	2	439	0	1102	2	439
	Through-Right		1							1				1				1	
	Right	36	0	36	0	36	36	179	215	0	215	0	215	0	215	0	215	0	215
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	50	1	50	0	50	50	46	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	1054	3	351	1	1055	352	278	1345	3	448	1	1346	3	449	0	1346	3	449
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		320	North-South:		327	North-South:			441	North-South:			441	North-South:			441
		East-West:		351	East-West:		352	East-West:			530	East-West:			536	East-West:			536
		SUM:		671	SUM:		679	SUM:			971	SUM:			977	SUM:			977
	VOLUME/CAPACITY (V/C) RATIO:			0.471			0.476				0.681				0.686				0.686
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.401			0.406				0.581				0.586				0.586
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.005 | Δv/c after mitigation: 0.005
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	113	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	38	1	38	0	38	38	0	38	1	38	0	38	1	38	0	38	1	38
	Left-Through		0							0				0				0	
	Through	568	1	318	0	568	318	158	733	1	419	0	733	1	419	0	733	1	419
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	36	104	0	104	0	104	0	104	0	104	0	104
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	109	1	109	0	109	109	0	110	1	110	0	110	1	110	0	110	1	110
	Left-Through		0							0				0				0	
	Through	755	2	333	337	1092	445	231	995	2	414	337	1332	2	527	0	1332	2	527
	Through-Right		1							1				1				1	
	Right	243	0	243	1	244	244	2	248	0	248	1	249	0	249	0	249	0	249
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	303	1	303	0	303	303	34	341	1	341	0	341	1	341	0	341	1	341
	Left-Through		0							0				0				0	
	Through	907	2	321	13	920	331	430	1348	2	484	13	1361	2	494	0	1361	2	494
	Through-Right		1							1				1				1	
	Right	55	0	55	18	73	73	47	103	0	103	18	121	0	121	0	121	0	121
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	15	1	15	0	15	15	116	131	1	131	0	131	1	131	0	131	1	131
	Left-Through		0							0				0				0	
	Through	673	2	260	0	673	260	321	1002	2	371	0	1002	2	371	0	1002	2	371
	Through-Right		1							1				1				1	
	Right	106	0	106	0	106	106	3	110	0	110	0	110	0	110	0	110	0	110
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		427	North-South:		483	North-South:			529	North-South:			565	North-South:			565
		East-West:		563	East-West:		563	East-West:			712	East-West:			712	East-West:			712
		SUM:		990	SUM:		1046	SUM:			1241	SUM:			1277	SUM:			1277
VOLUME/CAPACITY (V/C) RATIO:				0.695			0.734				0.871				0.896				0.896
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.625			0.664				0.771				0.796				0.796
LEVEL OF SERVICE (LOS):				B			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.025 | Δv/c after mitigation: 0.025

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	114	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	48	0	48	0	48	48	39	88	0	88	0	88	0	88	0	88	0	88
	Left-Through		1							1				1				1	
	Through	457	3	126	396	853	225	714	1177	2	422	396	1573	2	554	0	1573	2	554
	Through-Right		0							0				0				0	
	Right	133	1	48	0	133	48	129	264	1	178	0	264	1	178	0	264	1	178
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	85	1	85	0	85	85	0	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	841	2	289	13	854	293	363	1214	2	425	13	1227	2	429	0	1227	2	429
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	35	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	40	1	40	0	40	40	17	57	1	57	0	57	1	57	0	57	1	57
	Left-Through		0							0				0				0	
	Through	513	2	171	0	513	171	299	818	2	273	0	818	2	273	0	818	2	273
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		126	North-South:		225	North-South:			422	North-South:			554	North-South:			554
		East-West:		329	East-West:		333	East-West:			482	East-West:			486	East-West:			486
		SUM:		455	SUM:		558	SUM:			904	SUM:			1040	SUM:			1040
VOLUME/CAPACITY (V/C) RATIO:				0.319			0.392				0.634				0.730				0.730
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.249			0.322				0.534				0.630				0.630
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.096 | Δv/c after mitigation: 0.096

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	115	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	100	0	100	0	100	100	37	138	0	138	0	138	0	138	0	138	0	138
	Left-Through		1							1				1				1	
	Through	1374	2	411	37	1411	420	590	1981	2	579	37	2018	2	588	0	2018	2	588
	Through-Right		1							1				1				1	
	Right	170	0	411	0	170	420	25	197	0	579	0	197	0	588	0	197	0	588
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	177	1	177	13	190	190	198	377	1	377	13	390	1	390	0	390	1	390
	Left-Through		0							0				0				0	
	Through	856	3	285	0	856	285	203	1069	3	356	0	1069	3	356	0	1069	3	356
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	549	2	207	0	549	207	279	835	2	303	0	835	2	303	0	835	2	303
	Through-Right		1							1				1				1	
	Right	72	0	72	0	72	72	1	74	0	74	0	74	0	74	0	74	0	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		411	North-South:		420	North-South:			579	North-South:			588	North-South:			588
		East-West:		384	East-West:		397	East-West:			680	East-West:			693	East-West:			693
		SUM:		795	SUM:		817	SUM:			1259	SUM:			1281	SUM:			1281
VOLUME/CAPACITY (V/C) RATIO:				0.558			0.573				0.884				0.899				0.899
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.488			0.503				0.784				0.799				0.799
LEVEL OF SERVICE (LOS):				A			A				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.015 | Δv/c after mitigation: 0.015

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	116	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Temple/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	226	1	226	0	226	226	2	231	1	231	0	231	1	231	0	231	1	231
	Left-Through		0							0				0				0	
	Through	546	1	360	0	546	360	136	689	1	433	0	689	1	433	0	689	1	433
	Through-Right		1							1				1				1	
	Right	174	0	174	0	174	174	0	176	0	176	0	176	0	176	0	176	0	176
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	1	44	71	115	115	44	89	1	89	71	160	1	160	0	160	1	160
	Left-Through		0							0				0				0	
	Through	44	1	32	356	400	210	97	142	1	81	356	498	1	259	0	498	1	259
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	0	20	0	20	0	20	0	20	0	20	0	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	378	1	378	0	378	378	23	406	1	406	0	406	1	406	0	406	1	406
	Left-Through		0							0				0				0	
	Through	522	1	300	0	522	300	74	602	1	373	0	602	1	373	0	602	1	373
	Through-Right		1							1				1				1	
	Right	78	0	78	0	78	78	64	143	0	143	0	143	0	143	0	143	0	143
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	163	1	163	0	163	163	3	168	1	168	0	168	1	168	0	168	1	168
	Left-Through		0							0				0				0	
	Through	645	2	323	0	645	323	53	706	2	353	0	706	2	353	0	706	2	353
	Through-Right		0							0				0				0	
	Right	145	1	123	0	145	88	32	179	1	135	0	179	1	99	0	179	1	99
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		404	North-South:		475	North-South:			522	North-South:			593	North-South:			593
		East-West:		701	East-West:		701	East-West:			759	East-West:			759	East-West:			759
		SUM:		1105	SUM:		1176	SUM:			1281	SUM:			1352	SUM:			1352
VOLUME/CAPACITY (V/C) RATIO:				0.775			0.825				0.899				0.949				0.949
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.705			0.755				0.799				0.849				0.849
LEVEL OF SERVICE (LOS):				C			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.050 | Δv/c after mitigation: 0.050

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
117	East-West Street:	Aliso	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1033	3	344	24	1057	352	517	1562	3	521	25	1587	3	529	0	1587	3	529
	Through-Right		0							0				0				0	
	Right	380	1	**380**	26	406	**406**	270	655	1	**655**	26	681	1	**681**	0	681	1	**681**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	52	0	52	0	52	52	47	100	0	100	0	100	0	100	0	100	0	100
	Left-Through		1							1				1				1	
	Through	560	2	**204**	0	560	**204**	458	1025	2	**375**	0	1025	2	**375**	0	1025	2	**375**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		380	North-South:		406	North-South:			655	North-South:			681	North-South:			681
		East-West:		204	East-West:		204	East-West:			375	East-West:			375	East-West:			375
		SUM:		584	SUM:		610	SUM:			1030	SUM:			1056	SUM:			1056
VOLUME/CAPACITY (V/C) RATIO:				0.389			0.407				0.687				0.704				0.704
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.319			0.337				0.587				0.604				0.604
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.017 Δv/c after mitigation: 0.017

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
118	East-West Street:	Aliso	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	2	0	2	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	676	2	338	0	676	338	8	692	2	346	0	692	2	346	0	692	2	346
	Through-Right		0							0				0				0	
	Right	345	1	**345**	0	345	**345**	120	469	1	**469**	0	469	1	**469**	0	469	1	**469**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	181	3	60	0	181	60	47	230	3	77	0	230	3	77	0	230	3	77
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	33	0	33	0	33	33	94	127	0	127	0	127	0	127	0	127	0	127
	Left-Through		1							1				1				1	
	Through	692	2	**186**	26	718	**193**	560	1260	2	**370**	27	1287	2	**377**	0	1287	2	**377**
	Through-Right		1							1				1				1	
	Right	19	0	186	0	19	193	75	94	0	370	0	94	0	377	0	94	0	377
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		345	North-South:		345	North-South:			469	North-South:			469	North-South:			469
		East-West:		186	East-West:		193	East-West:			370	East-West:			377	East-West:			377
		SUM:		531	SUM:		538	SUM:			839	SUM:			846	SUM:			846
VOLUME/CAPACITY (V/C) RATIO:				0.354			0.359				0.559				0.564				0.564
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.284			0.289				0.459				0.464				0.464
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.005 Δv/c after mitigation: 0.005

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
119	East-West Street:	I-110 On-Ramp/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	3	3	3	3
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	684	1	**684**	0	684	**684**	217	909	1	**909**	0	909	1	**909**	0	909	1	**909**
	Left-Through		0							0				0				0	
	Through	716	2	358	0	716	358	90	815	2	408	0	815	2	408	0	815	2	408
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	466	2	233	42	508	254	127	599	2	300	42	641	2	321	0	641	2	321
	Through-Right		0							0				0				0	
	Right	298	1	**298**	0	298	**298**	180	482	1	**482**	0	482	1	**482**	0	482	1	**482**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	32	0	**32**	0	32	**32**	26	58	0	**58**	0	58	0	**58**	0	58	0	**58**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	142	1	0	325	467	0	138	282	1	0	325	607	1	0	0	607	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		982	North-South:		982	North-South:			1391	North-South:			1391	North-South:			1391
		East-West:		32	East-West:		32	East-West:			58	East-West:			58	East-West:			58
		SUM:		1014	SUM:		1014	SUM:			1449	SUM:			1449	SUM:			1449
VOLUME/CAPACITY (V/C) RATIO:				0.712			0.712				1.017				1.017				1.017
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.642			0.642				0.917				0.917				0.917
LEVEL OF SERVICE (LOS):				B			B				E				E				E

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
120	East-West Street:	Sunset	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	1	1	1	1
ATSAC-1 or ATSAC+ATCS-2?	1	0	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	572	0	572	0	572	572	0	579	0	579	0	579	0	579	0	579	0	579
	Left-Through		0							0				0				0	
	Through	321	0	**1065**	0	321	**1065**	53	378	0	**1152**	0	378	0	**1152**	0	378	0	**1152**
	Through-Right		0							0				0				0	
	Right	172	0	0	0	172	0	21	195	0	0	0	195	0	0	0	195	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	0	**29**	0	29	**29**	64	93	0	**93**	0	93	0	**93**	0	93	0	**93**
	Left-Through		1							1				1				1	
	Through	111	1	85	0	111	85	95	207	1	197	0	207	1	197	0	207	1	197
	Through-Right		0							0				0				0	
	Right	86	1	0	0	86	0	10	97	1	0	0	97	1	0	0	97	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	26	1	**26**	0	26	**26**	0	26	1	**26**	0	26	1	**26**	0	26	1	**26**
	Left-Through		0							0				0				0	
	Through	805	2	300	42	847	314	116	931	2	342	42	973	2	356	0	973	2	356
	Through-Right		1							1				1				1	
	Right	95	0	95	0	95	95	0	96	0	96	0	96	0	96	0	96	0	96
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	88	1	88	0	88	88	22	111	1	111	0	111	1	111	0	111	1	111
	Left-Through		0							0				0				0	
	Through	1239	2	**426**	0	1239	**426**	106	1360	2	**466**	0	1360	2	**466**	0	1360	2	**466**
	Through-Right		1							1				1				1	
	Right	39	0	39	0	39	39	0	39	0	39	0	39	0	39	0	39	0	39
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		1094	North-South:		1094	North-South:			1245	North-South:			1245	North-South:			1245
		East-West:		452	East-West:		452	East-West:			492	East-West:			492	East-West:			492
		SUM:		1546	SUM:		1546	SUM:			1737	SUM:			1737	SUM:			1737
VOLUME/CAPACITY (V/C) RATIO:				1.031			1.031				1.158				1.158				1.158
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.961			0.961				1.058				1.058				1.058
LEVEL OF SERVICE (LOS):				E			E				F				F				F

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	121	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			1		1
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	326	1	326	0	326	326	15	345	1	345	0	345	1	345	0	345	1	345
	Left-Through		0							0				0				0	
	Through	1158	2	579	0	1158	579	200	1372	2	686	0	1372	2	686	0	1372	2	686
	Through-Right		0							0				0				0	
	Right	352	1	299	0	352	299	16	372	1	318	0	372	1	318	0	372	1	318
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	42	1	42	0	42	42	0	43	1	43	0	43	1	43	0	43	1	43
	Left-Through		0							0				0				0	
	Through	158	2	79	0	158	79	54	214	2	107	0	214	2	107	0	214	2	107
	Through-Right		0							0				0				0	
	Right	61	1	0	0	61	0	0	62	1	0	0	62	1	0	0	62	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	129	1	129	0	129	129	6	137	1	137	0	137	1	137	0	137	1	137
	Left-Through		0							0				0				0	
	Through	812	2	304	42	854	318	189	1011	2	373	42	1053	2	387	0	1053	2	387
	Through-Right		1							1				1				1	
	Right	101	0	101	0	101	101	6	108	0	108	0	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	107	1	107	0	107	107	0	108	1	108	0	108	1	108	0	108	1	108
	Left-Through		0							0				0				0	
	Through	1015	2	365	0	1015	365	113	1140	2	433	0	1140	2	433	0	1140	2	433
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	80	160	0	160	0	160	0	160	0	160	0	160
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		621	North-South:		621	North-South:			729	North-South:			729	North-South:			729
		East-West:		494	East-West:		494	East-West:			570	East-West:			570	East-West:			570
		SUM:		1115	SUM:		1115	SUM:			1299	SUM:			1299	SUM:			1299
VOLUME/CAPACITY (V/C) RATIO:				0.811			0.811				0.945				0.945				0.945
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.741			0.741				0.845				0.845				0.845
LEVEL OF SERVICE (LOS):				C			C				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	122	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/17/2012
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		3	0	3	0
ATSAC-1 or ATSAC+ATCS-2?			1		1
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	281	1	281	0	281	281	39	323	1	323	0	323	1	323	0	323	1	323
	Left-Through		0							0				0				0	
	Through	276	1	276	0	276	276	62	341	1	341	0	341	1	341	0	341	1	341
	Through-Right		0							0				0				0	
	Right	151	1	0	0	151	0	14	167	1	0	0	167	1	0	0	167	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	1	23	0	23	23	0	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	124	1	124	0	124	124	89	214	1	214	0	214	1	214	0	214	1	214
	Through-Right		0							0				0				0	
	Right	21	1	5	0	21	5	0	21	1	5	0	21	1	5	0	21	1	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	32	1	32	0	32	32	0	32	1	32	0	32	1	32	0	32	1	32
	Left-Through		0							0				0				0	
	Through	956	2	478	0	956	478	134	1102	2	551	0	1102	2	551	0	1102	2	551
	Through-Right		0							0				0				0	
	Right	216	1	76	42	258	118	46	265	1	104	42	307	1	146	0	307	1	146
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	401	2	221	0	401	221	171	577	2	317	0	577	2	317	0	577	2	317
	Left-Through		0							0				0				0	
	Through	928	2	323	0	928	323	136	1075	2	373	0	1075	2	373	0	1075	2	373
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		405	North-South:		405	North-South:			537	North-South:			537	North-South:			537
		East-West:		699	East-West:		699	East-West:			868	East-West:			868	East-West:			868
		SUM:		1104	SUM:		1104	SUM:			1405	SUM:			1405	SUM:			1405
VOLUME/CAPACITY (V/C) RATIO:				0.775			0.775				0.986				0.986				0.986
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.705			0.705				0.886				0.886				0.886
LEVEL OF SERVICE (LOS):				C			C				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	123	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		1	1		1
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	2	1	2	0	2	2	0	2	1	2	0	2	1	2	0	2	1	2
	Through-Right		0							0				0				0	
	Right	42	1	0	0	42	0	0	43	1	0	0	43	1	0	0	43	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
	Left-Through		0							0				0				0	
	Through	92	0	178	87	179	265	448	541	0	696	87	628	0	783	0	628	0	783
	Through-Right		0							0				0				0	
	Right	71	0	0	0	71	0	68	140	0	0	0	140	0	0	0	140	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Left-Through		0							0				0				0	
	Through	974	2	487	0	974	487	91	1077	2	539	0	1077	2	539	0	1077	2	539
	Through-Right		0							0				0				0	
	Right	108	1	0	0	108	0	18	127	1	0	0	127	1	0	0	127	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	181	2	100	0	181	100	15	198	2	109	0	198	2	109	0	198	2	109
	Left-Through		0							0				0				0	
	Through	1139	2	395	0	1139	395	143	1296	2	448	0	1296	2	448	0	1296	2	448
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	0	48	0	48	0	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		178	North-South:		265	North-South:			696	North-South:			783	North-South:			783
		East-West:		587	East-West:		587	East-West:			648	East-West:			648	East-West:			648
		SUM:		765	SUM:		852	SUM:			1344	SUM:			1431	SUM:			1431
VOLUME/CAPACITY (V/C) RATIO:				0.537			0.598				0.943				1.004				1.004
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.467			0.528				0.843				0.904				0.904
LEVEL OF SERVICE (LOS):				A			A				D				E				E

PROJECT IMPACT

Change in v/c due to project: 0.061 | Δv/c after mitigation: 0.061

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	124	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		0	1		1
Override Capacity			0		0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	257	1	257	0	257	257	24	284	1	284	0	284	1	284	0	284	1	284
	Left-Through		1							1				1				1	
	Through	636	1	318	24	660	330	476	1120	1	507	24	1144	1	515	0	1144	1	515
	Through-Right		1							1				1				1	
	Right	378	0	378	0	378	378	18	401	0	401	0	401	0	401	0	401	0	401
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	93	1	93	0	93	93	0	94	1	94	0	94	1	94	0	94	1	94
	Left-Through		0							0				0				0	
	Through	946	2	473	0	946	473	91	1048	2	524	0	1048	2	524	0	1048	2	524
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1157	1	595	0	1157	595	134	1305	1	724	0	1305	1	724	0	1305	1	724
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	110	142	0	142	0	142	0	142	0	142	0	142
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		378	North-South:		378	North-South:			507	North-South:			515	North-South:			515
		East-West:		688	East-West:		688	East-West:			818	East-West:			818	East-West:			818
		SUM:		1066	SUM:		1066	SUM:			1325	SUM:			1333	SUM:			1333
VOLUME/CAPACITY (V/C) RATIO:				0.711			0.711				0.883				0.889				0.889
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.641			0.641				0.783				0.789				0.789
LEVEL OF SERVICE (LOS):				B			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.006 | Δv/c after mitigation: 0.006

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	125	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	3	0
ATSAC-1 or ATSAC+ATCS-2?			1		1
Override Capacity			0		0

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	167	1	167	0	167	167	0	169	1	169	0	169	1	169	0	169	1	169
	Left-Through		0							0				0				0	
	Through	891	2	352	0	891	352	238	1140	2	435	0	1140	2	435	0	1140	2	435
	Through-Right		1							1				1				1	
	Right	164	0	164	0	164	164	0	166	0	166	0	166	0	166	0	166	0	166
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	83	1	83	0	83	83	10	94	1	94	0	94	1	94	0	94	1	94
	Left-Through		0							0				0				0	
	Through	711	2	291	0	711	291	275	995	2	386	0	995	2	386	0	995	2	386
	Through-Right		1							1				1				1	
	Right	161	0	161	0	161	161	0	163	0	163	0	163	0	163	0	163	0	163
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	102	1	102	0	102	102	0	103	1	103	0	103	1	103	0	103	1	103
	Left-Through		0							0				0				0	
	Through	1028	2	514	0	1028	514	110	1150	2	575	0	1150	2	575	0	1150	2	575
	Through-Right		0							0				0				0	
	Right	200	1	33	0	200	33	0	202	1	33	0	202	1	33	0	202	1	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	136	1	136	0	136	136	0	138	1	138	0	138	1	138	0	138	1	138
	Left-Through		0							0				0				0	
	Through	867	2	318	0	867	318	150	1027	2	371	0	1027	2	371	0	1027	2	371
	Through-Right		1							1				1				1	
	Right	86	0	86	0	86	86	0	87	0	87	0	87	0	87	0	87	0	87
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		458	North-South:		458	North-South:			555	North-South:			555	North-South:			555
		East-West:		650	East-West:		650	East-West:			713	East-West:			713	East-West:			713
		SUM:		1108	SUM:		1108	SUM:			1268	SUM:			1268	SUM:			1268
VOLUME/CAPACITY (V/C) RATIO:				0.806			0.806				0.922				0.922				0.922
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.736			0.736				0.822				0.822				0.822
LEVEL OF SERVICE (LOS):				C			C				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	126	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			1		1
Override Capacity			0		0

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	4	1	4	0	4	4	138	142	1	142	0	142	1	142	0	142	1	142
	Left-Through		0							0				0				0	
	Through	379	1	209	24	403	221	378	762	1	401	24	786	1	413	0	786	1	413
	Through-Right		1							1				1				1	
	Right	39	0	39	0	39	39	0	39	0	39	0	39	0	39	0	39	0	39
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	139	1	139	0	139	139	0	141	1	141	0	141	1	141	0	141	1	141
	Left-Through		0							0				0				0	
	Through	250	1	167	0	250	188	0	253	1	184	0	253	1	206	0	253	1	206
	Through-Right		1							1				1				1	
	Right	83	0	83	43	126	126	31	115	0	115	43	158	0	158	0	158	0	158
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	112	1	112	0	112	112	30	143	1	143	0	143	1	143	0	143	1	143
	Left-Through		0							0				0				0	
	Through	144	1	77	0	144	77	128	274	1	142	0	274	1	142	0	274	1	142
	Through-Right		1							1				1				1	
	Right	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	502	1	321	0	502	321	59	567	1	354	0	567	1	354	0	567	1	354
	Through-Right		1							1				1				1	
	Right	139	0	139	0	139	139	0	141	0	141	0	141	0	141	0	141	0	141
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		348	North-South:		360	North-South:			542	North-South:			554	North-South:			554
		East-West:		433	East-West:		433	East-West:			497	East-West:			497	East-West:			497
		SUM:		781	SUM:		793	SUM:			1039	SUM:			1051	SUM:			1051
VOLUME/CAPACITY (V/C) RATIO:				0.548			0.556				0.729				0.738				0.738
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.478			0.486				0.629				0.638				0.638
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.009 Δv/c after mitigation: 0.009

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	127	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			3		3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		3	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			1		1
Override Capacity			0		0

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	36	1	36	0	36	36	72	108	1	108	0	108	1	108	0	108	1	108
	Left-Through		0							0				0				0	
	Through	26	2	13	0	26	13	109	135	2	68	0	135	2	68	0	135	2	68
	Through-Right		0							0				0				0	
	Right	70	1	44	0	70	44	39	110	1	0	0	110	1	0	0	110	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	26	1	26	0	26	26	24	50	1	50	0	50	1	50	0	50	1	50
	Left-Through		0							0				0				0	
	Through	59	2	30	0	59	30	76	136	2	61	0	136	2	68	0	136	2	68
	Through-Right		1							1				1				1	
	Right	47	0	36	43	90	79	0	48	0	48	43	91	0	80	0	91	0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	23	1	23	0	23	23	0	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	303	1	162	0	303	162	55	362	1	217	0	362	1	217	0	362	1	217
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	51	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	26	1	26	0	26	26	95	121	1	121	0	121	1	121	0	121	1	121
	Left-Through		0							0				0				0	
	Through	401	2	201	43	444	222	333	739	2	370	43	782	2	391	0	782	2	391
	Through-Right		0							0				0				0	
	Right	30	1	17	0	30	17	53	83	1	58	0	83	1	58	0	83	1	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		72	North-South:		115	North-South:			169	North-South:			188	North-South:			188
		East-West:		224	East-West:		245	East-West:			393	East-West:			414	East-West:			414
		SUM:		296	SUM:		360	SUM:			562	SUM:			602	SUM:			602
VOLUME/CAPACITY (V/C) RATIO:				0.208			0.253				0.394				0.422				0.422
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.138			0.183				0.294				0.322				0.322
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.028 Δv/c after mitigation: 0.028

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	128	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases			2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?			1		1
Override Capacity			0		0

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	1149	1	596	0	1149	596	186	1349	1	696	0	1349	1	696	0	1349	1	696
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	70	1	70	0	70	70	132	203	1	203	0	203	1	203	0	203	1	203
	Left-Through		0							0				0				0	
	Through	1038	1	542	295	1333	690	200	1251	1	649	295	1546	1	797	0	1546	1	797
	Through-Right		1							1				1				1	
	Right	46	0	46	0	46	46	0	47	0	47	0	47	0	47	0	47	0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	141	0	141	0	141	141	0	143	0	143	0	143	0	143	0	143	0	143
	Left-Through		1							1				1				1	
	Through	215	1	189	0	215	189	0	218	1	239	0	218	1	239	0	218	1	239
	Through-Right		1							1				1				1	
	Right	21	0	189	0	21	189	0	21	0	0	0	21	0	0	0	21	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through		1							1				1				1	
	Through	138	0	147	0	138	147	0	140	0	172	0	140	0	172	0	140	0	172
	Through-Right		1							1				1				1	
	Right	123	0	147	0	123	147	189	313	0	212	0	313	0	212	0	313	0	212
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		666	North-South:		707	North-South:			899	North-South:			899	North-South:			899
		East-West:		288	East-West:		288	East-West:			355	East-West:			355	East-West:			355
		SUM:		954	SUM:		995	SUM:			1254	SUM:			1254	SUM:			1254
VOLUME/CAPACITY (V/C) RATIO:				0.636			0.663				0.836				0.836				0.836
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.566			0.593				0.736				0.736				0.736
LEVEL OF SERVICE (LOS):				A			A				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
129	East-West Street:	College	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	1359	1	**714**	0	1359	**714**	375	1750	1	**910**	0	1750	1	**910**	0	1750	1	**910**
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	0	70	0	70	0	70	0	70	0	70	0	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	94	1	**94**	0	94	**94**	102	197	1	**197**	0	197	1	**197**	0	197	1	**197**
	Left-Through		0							0				0				0	
	Through	1065	1	557	295	1360	704	332	1410	1	730	295	1705	1	877	0	1705	1	877
	Through-Right		1							1				1				1	
	Right	48	0	48	0	48	48	0	49	0	49	0	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	90	0	**90**	0	90	**90**	0	91	0	**91**	0	91	0	**91**	0	91	0	**91**
	Left-Through		1							1				1				1	
	Through	222	0	223	0	222	223	0	225	0	226	0	225	0	226	0	225	0	226
	Through-Right		1							1				1				1	
	Right	44	0	223	0	44	223	0	45	0	226	0	45	0	226	0	45	0	226
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through		1							1				1				1	
	Through	206	0	**201**	0	206	**201**	0	208	0	**245**	0	208	0	**245**	0	208	0	**245**
	Through-Right		1							1				1				1	
	Right	158	0	201	0	158	201	142	302	0	204	0	302	0	204	0	302	0	204
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	808		*North-South:*	808		*North-South:*	1107			*North-South:*	1107			*North-South:*	1107	
			East-West:	291		*East-West:*	291		*East-West:*	336			*East-West:*	336			*East-West:*	336	
			SUM:	1099		*SUM:*	1099		*SUM:*	1443			*SUM:*	1443			*SUM:*	1443	
	VOLUME/CAPACITY (*V/C*) RATIO:			0.733			0.733				0.962				0.962				0.962
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.663**			**0.663**				**0.862**				**0.862**				**0.862**
	LEVEL OF SERVICE (LOS):			**B**			**B**				**D**				**D**				**D**

	No. of Phases			2			2			2				2			2			2
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0 SB--	0
		EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2			2			2
	Override Capacity			0			0			0				0			0			0

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — *Δv/c* after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Sunset	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
130	East-West Street:	Elysian Park	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	964	2	482	0	964	482	116	1092	2	546	0	1092	2	546	0	1092	2	546
	Through-Right		1							1				1				1	
	Right	902	1	**839**	0	902	**839**	0	913	1	**849**	0	913	1	**849**	0	913	1	**849**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	271	1	**271**	0	271	**271**	0	274	1	**274**	0	274	1	**274**	0	274	1	**274**
	Left-Through		0							0				0				0	
	Through	843	2	422	42	885	443	116	969	2	485	42	1011	2	506	0	1011	2	506
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	115	2	**63**	0	115	**63**	0	116	2	**64**	0	116	2	**64**	0	116	2	**64**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	92	2	0	0	92	0	0	93	2	0	0	93	2	0	0	93	2	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	1110		*North-South:*	1110		*North-South:*	1123			*North-South:*	1123			*North-South:*	1123	
			East-West:	63		*East-West:*	63		*East-West:*	64			*East-West:*	64			*East-West:*	64	
			SUM:	1173		*SUM:*	1173		*SUM:*	1187			*SUM:*	1187			*SUM:*	1187	
	VOLUME/CAPACITY (*V/C*) RATIO:			0.823			0.823				0.833				0.833				0.833
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.753**			**0.753**				**0.733**				**0.733**				**0.733**
	LEVEL OF SERVICE (LOS):			**C**			**C**				**C**				**C**				**C**

	No. of Phases			3			3			3				3			3			3
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--	0	NB-- 3	SB--	0	NB--	3 SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3 SB--	0
		EB-- 0	WB--	3	EB--	0 WB--	3	EB--	0 WB--	3	EB--	0	WB--	3	EB--	0	WB--	3	EB--	0 WB--	3
	ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2			2			2
	Override Capacity			0			0			0				0			0			0

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — *Δv/c* after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
131	East-West Street:	Bellevue	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1734	2	**867**	12	1746	**873**	151	1906	2	**953**	12	1918	2	**959**	0	1918	2	**959**
	Through-Right		0							0				0				0	
	Right	318	1	243	0	318	243	106	428	1	346	0	428	1	346	0	428	1	346
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	110	1	**110**	0	110	**110**	0	111	1	**111**	0	111	1	**111**	0	111	1	**111**
	Left-Through		0							0				0				0	
	Through	1001	2	501	151	1152	576	133	1146	2	573	151	1297	2	649	0	1297	2	649
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	272	2	**150**	0	272	**150**	24	299	2	**164**	0	299	2	**164**	0	299	2	**164**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	176	1	121	0	176	121	0	178	1	123	0	178	1	123	0	178	1	123
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	977		*North-South:*	983		*North-South:*	1064			*North-South:*	1070			*North-South:*	1070	
			East-West:	150		*East-West:*	150		*East-West:*	164			*East-West:*	164			*East-West:*	164	
			SUM:	1127		*SUM:*	1133		*SUM:*	1228			*SUM:*	1234			*SUM:*	1234	
	VOLUME/CAPACITY (*V/C*) RATIO:			0.791			0.795				0.862				0.866				0.866
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.721**			**0.725**				**0.762**				**0.766**				**0.766**
	LEVEL OF SERVICE (LOS):			**C**			**C**				**C**				**C**				**C**

	No. of Phases			3			3			3				3			3			3
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0 SB--	0
		EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2			2			2
	Override Capacity			0			0			0				0			0			0

PROJECT IMPACT

Change in *v/c* due to project: 0.004 — *Δv/c* after mitigation: 0.004

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Glendale	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
132	East-West Street:	Temple	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	58	1	58	0	58	58	6	65	1	65	0	65	1	65	0	65	1	65
	Left-Through		0							0				0				0	
	Through	1434	1	**728**	12	1446	**734**	227	1678	1	**850**	12	1690	1	**856**	0	1690	1	**856**
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	0	21	0	21	0	21	0	21	0	21	0	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	75	1	**75**	0	75	**75**	6	82	1	**82**	0	82	1	**82**	0	82	1	**82**
	Left-Through		0							0				0				0	
	Through	728	1	453	162	890	534	187	924	1	566	162	1086	1	647	0	1086	1	647
	Through-Right		1							1				1				1	
	Right	178	0	178	0	178	178	28	208	0	208	0	208	0	208	0	208	0	208
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	323	1	**323**	0	323	**323**	2	329	1	**329**	0	329	1	**329**	0	329	1	**329**
	Left-Through		0							0				0				0	
	Through	515	1	294	0	515	394	62	583	1	343	0	583	1	443	0	583	1	443
	Through-Right		1							1				1				1	
	Right	73	0	73	200	273	273	28	102	0	102	200	302	0	302	0	302	0	302
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	514	1	**369**	0	514	**369**	37	557	1	**406**	0	557	1	**406**	0	557	1	**406**
	Through-Right		1							1				1				1	
	Right	223	0	223	0	223	223	29	255	0	255	0	255	0	255	0	255	0	255
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	803		*North-South:*	809		*North-South:*	932			*North-South:*	938			*North-South:*	938	
			East-West:	692		*East-West:*	692		*East-West:*	735			*East-West:*	735			*East-West:*	735	
			SUM:	1495		*SUM:*	1501		*SUM:*	1667			*SUM:*	1673			*SUM:*	1673	
	VOLUME/CAPACITY (*V/C*) RATIO:			1.049			1.053				1.170				1.174				1.174
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.979**			**0.983**				**1.070**				**1.074**				**1.074**
	LEVEL OF SERVICE (LOS):			**E**			**E**				**F**				**F**				**F**

	No. of Phases			3			3			3				3			3			3
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0 SB--	0
		EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?			1			1			2				2			2			2
	Override Capacity			0			0			0				0			0			0

PROJECT IMPACT

Change in *v/c* due to project: 0.004 — *Δv/c* after mitigation: 0.004

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
133	East-West Street:	US 101 NB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3					3					3					3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0					0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0 SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2					2					2					2
Override Capacity			0			0			0					0					0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	365	1	365	0	365	365	11	380	1	380	0	380	1	380	0	380	1	380
	Left-Through		0							0				0				0	
	Through	1320	3	440	0	1320	440	197	1533	3	511	0	1533	3	511	0	1533	3	511
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	972	2	411	0	972	411	65	1049	2	475	0	1049	2	475	0	1049	2	475
	Through-Right		1							1				1				1	
	Right	262	0	262	0	262	262	112	377	0	377	0	377	0	377	0	377	0	377
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	197	1	146	0	197	146	29	228	1	169	0	228	1	169	0	228	1	169
	Left-Through		0							0				0				0	
	Through	2	0	0	0	2	0	0	2	0	0	0	2	0	0	0	2	0	0
	Through-Right		0							0				0				0	
	Right	94	0	146	0	94	146	15	110	0	169	0	110	0	169	0	110	0	169
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
CRITICAL VOLUMES		North-South:		776	North-South:		776	North-South:			855	North-South:			855	North-South:			855
		East-West:		146	East-West:		146	East-West:			169	East-West:			169	East-West:			169
		SUM:		922	SUM:		922	SUM:			1024	SUM:			1024	SUM:			1024
VOLUME/CAPACITY (V/C) RATIO:				0.647			0.647				0.719				0.719				0.719
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.577			0.577				0.619				0.619				0.619
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
134	East-West Street:	US 101 SB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2					2					2					2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0					0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0 SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2					2					2					2
Override Capacity			0			0			0					0					0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1455	2	587	0	1455	587	107	1580	2	635	0	1580	2	635	0	1580	2	635
	Through-Right		1							1				1				1	
	Right	305	0	305	0	305	305	16	325	0	325	0	325	0	325	0	325	0	325
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	116	0	116	0	116	116	16	133	0	133	0	133	0	133	0	133	0	133
	Left-Through		1							1				1				1	
	Through	1052	2	526	0	1052	526	109	1174	2	587	0	1174	2	587	0	1174	2	587
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	218	1	218	0	218	218	124	345	1	345	0	345	1	345	0	345	1	345
	Left-Through		0							0				0				0	
	Through	6	0	0	0	6	0	0	6	0	0	0	6	0	0	0	6	0	0
	Through-Right		0							0				0				0	
	Right	131	1	131	0	131	131	10	143	1	143	0	143	1	143	0	143	1	143
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		703	North-South:		703	North-South:			768	North-South:			768	North-South:			768
		East-West:		218	East-West:		218	East-West:			345	East-West:			345	East-West:			345
		SUM:		921	SUM:		921	SUM:			1113	SUM:			1113	SUM:			1113
VOLUME/CAPACITY (V/C) RATIO:				0.614			0.614				0.742				0.742				0.742
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.544			0.544				0.642				0.642				0.642
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
135	East-West Street:	Beverly	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2					2					2					2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0					0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0 SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2					2					2					2
Override Capacity			0			0			0					0					0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1371	2	487	0	1371	487	117	1505	2	536	0	1505	2	536	0	1505	2	536
	Through-Right		1							1				1				1	
	Right	90	0	90	0	90	90	11	102	0	102	0	102	0	102	0	102	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1029	2	515	0	1029	515	99	1140	2	570	0	1140	2	570	0	1140	2	570
	Through-Right		0							0				0				0	
	Right	115	1	42	0	115	42	0	116	1	42	0	116	1	42	0	116	1	42
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	147	1	147	0	147	147	0	149	1	149	0	149	1	149	0	149	1	149
	Left-Through		0							0				0				0	
	Through	662	2	240	0	662	240	288	958	2	339	0	958	2	339	0	958	2	339
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	86	1	86	0	86	86	5	92	1	92	0	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	764	2	283	0	764	283	394	1167	2	418	0	1167	2	418	0	1167	2	418
	Through-Right		1							1				1				1	
	Right	86	0	86	0	86	86	0	87	0	87	0	87	0	87	0	87	0	87
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		515	North-South:		515	North-South:			570	North-South:			570	North-South:			570
		East-West:		430	East-West:		430	East-West:			567	East-West:			567	East-West:			567
		SUM:		945	SUM:		945	SUM:			1137	SUM:			1137	SUM:			1137
VOLUME/CAPACITY (V/C) RATIO:				0.630			0.630				0.758				0.758				0.758
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.560			0.560				0.658				0.658				0.658
LEVEL OF SERVICE (LOS):				A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
136	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2					2					2					2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0					0					0					0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	0 SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0 SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	0 WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0 WB--	0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2					2					2					2
Override Capacity			0			0			0					0					0					0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	88	1	88	0	88	88	16	105	1	105	0	105	1	105	0	105	1	105
	Left-Through		0							0				0				0	
	Through	999	2	385	0	999	385	213	1224	2	463	0	1224	2	463	0	1224	2	463
	Through-Right		1							1				1				1	
	Right	156	0	156	0	156	156	8	166	0	166	0	166	0	166	0	166	0	166
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	115	1	115	0	115	115	0	116	1	116	0	116	1	116	0	116	1	116
	Left-Through		0							0				0				0	
	Through	1086	2	389	56	1142	408	262	1361	2	484	56	1417	2	503	0	1417	2	503
	Through-Right		1							1				1				1	
	Right	82	0	82	0	82	82	8	91	0	91	0	91	0	91	0	91	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	75	1	75	0	75	75	4	80	1	80	0	80	1	80	0	80	1	80
	Left-Through		0							0				0				0	
	Through	1126	1	623	0	1126	623	226	1366	1	748	0	1366	1	748	0	1366	1	748
	Through-Right		1							1				1				1	
	Right	120	0	120	0	120	120	8	129	0	129	0	129	0	129	0	129	0	129
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	84	1	84	0	84	84	10	95	1	95	0	95	1	95	0	95	1	95
	Left-Through		0							0				0				0	
	Through	1035	2	518	0	1035	518	253	1300	2	650	0	1300	2	650	0	1300	2	650
	Through-Right		0							0				0				0	
	Right	95	1	38	0	95	38	0	96	1	38	0	96	1	38	0	96	1	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		500	North-South:		500	North-South:			589	North-South:			608	North-South:			608
		East-West:		707	East-West:		707	East-West:			843	East-West:			843	East-West:			843
		SUM:		1207	SUM:		1207	SUM:			1432	SUM:			1451	SUM:			1451
VOLUME/CAPACITY (V/C) RATIO:				0.805			0.805				0.955				0.967				0.967
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.735			0.735				0.855				0.867				0.867
LEVEL OF SERVICE (LOS):				C			C				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.012 Δv/c after mitigation: 0.012

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	137	North-South Street:	Alvardo	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1149	2	419	0	1149	419	114	1277	2	469	0	1277	2	469	0	1277	2	469
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	109	0	109	0	109	109	20	130	0	130	0	130	0	130	0	130	0	130
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	890	2	348	0	890	348	85	986	2	389	0	986	2	389	0	986	2	389
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	153	0	153	0	153	153	25	180	0	180	0	180	0	180	0	180	0	180
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	96	1	96	0	96	96	2	99	1	99	0	99	1	99	0	99	1	99
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	721	1	391	0	721	391	216	946	1	504	0	946	1	504	0	946	1	504
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	61	0	61	0	61	61	0	62	0	62	0	62	0	62	0	62	0	62
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	82	1	82	0	82	82	12	95	1	95	0	95	1	95	0	95	1	95
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	759	1	432	0	759	432	244	1012	1	559	0	1012	1	559	0	1012	1	559
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	105	0	105	0	105	105	0	106	0	106	0	106	0	106	0	106	0	106
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		419	North-South:		419	North-South:			469	North-South:			469	North-South:			469
	East-West:		528	East-West:		528	East-West:			658	East-West:			658	East-West:			658
	SUM:		947	SUM:		947	SUM:			1127	SUM:			1127	SUM:			1127
VOLUME/CAPACITY (V/C) RATIO:			0.631			0.631				0.791				0.791				0.791
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.561			0.561				0.691				0.691				0.691
LEVEL OF SERVICE (LOS):			A			A				B				B				B

No. of Phases			2			2			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2
Override Capacity			0			0			0			0			0

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	138	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	68	1	68	0	68	68	10	79	1	79	0	79	1	79	0	79	1	79
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	732	1	413	0	732	414	106	847	1	483	0	847	1	485	0	847	1	485
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	93	0	93	3	96	96	25	119	0	119	3	122	0	122	0	122	0	122
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	136	1	136	6	142	142	0	138	1	138	6	144	1	144	0	144	1	144
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	809	1	437	49	858	461	79	898	1	482	49	947	1	506	0	947	1	506
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	64	0	64	0	64	64	0	65	0	65	0	65	0	65	0	65	0	65
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	142	1	142	0	142	142	0	144	1	144	0	144	1	144	0	144	1	144
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	987	2	367	53	1040	384	78	1077	2	539	53	1130	2	565	0	1130	2	565
EASTBOUND Through-Right		1							0				0				0	
EASTBOUND Right	113	0	113	0	113	113	8	122	1	83	0	122	1	83	0	122	1	83
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	151	1	151	0	151	151	19	172	1	172	0	172	1	172	0	172	1	172
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	958	2	354	12	970	358	95	1065	2	533	12	1077	2	539	0	1077	2	539
WESTBOUND Through-Right		1							0				0				0	
WESTBOUND Right	104	0	104	0	104	104	0	105	1	36	0	105	1	33	0	105	1	33
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		549	North-South:		556	North-South:			621	North-South:			629	North-South:			629
	East-West:		518	East-West:		535	East-West:			711	East-West:			737	East-West:			737
	SUM:		1067	SUM:		1091	SUM:			1332	SUM:			1366	SUM:			1366
VOLUME/CAPACITY (V/C) RATIO:			0.776			0.793				0.969				0.993				0.993
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.706			0.723				0.869				0.893				0.893
LEVEL OF SERVICE (LOS):			C			C				D				D				D

No. of Phases			4			4			4			4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2
Override Capacity			0			0			0			0			0

PROJECT IMPACT

Change in v/c due to project: 0.024 | Δv/c after mitigation: 0.024
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	139	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	111	0	111	0	111	111	5	117	0	117	0	117	0	117	0	117	0	117
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	1281	0	974	0	1281	974	47	1343	0	1023	0	1343	0	1023	0	1343	0	1023
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	65	1	0	1	66	0	11	77	1	0	1	78	1	0	0	78	1	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	56	0	56	2	58	58	12	69	0	69	2	71	0	71	0	71	0	71
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	1236	1	786	12	1248	798	37	1288	1	851	12	1300	1	863	0	1300	1	863
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	104	1	79	0	104	79	0	105	1	80	0	105	1	80	0	105	1	80
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	50	1	50	0	50	50	0	51	1	51	0	51	1	51	0	51	1	51
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	570	2	235	97	667	267	76	653	2	327	97	750	2	375	0	750	2	375
EASTBOUND Through-Right		1							0				0				0	
EASTBOUND Right	135	0	135	0	135	135	2	139	1	139	0	139	1	139	0	139	1	139
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	79	1	79	0	79	79	7	87	1	87	0	87	1	87	0	87	1	87
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	510	2	192	52	562	210	90	606	2	303	53	659	2	330	0	659	2	330
WESTBOUND Through-Right		1							0				0				0	
WESTBOUND Right	67	0	67	0	67	67	7	75	1	75	0	75	1	75	0	75	1	75
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		1030	North-South:		1032	North-South:			1092	North-South:			1094	North-South:			1094
	East-West:		314	East-West:		346	East-West:			414	East-West:			462	East-West:			462
	SUM:		1344	SUM:		1378	SUM:			1506	SUM:			1556	SUM:			1556
VOLUME/CAPACITY (V/C) RATIO:			0.943			0.967				1.057				1.092				1.092
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.873			0.897				0.957				0.992				0.992
LEVEL OF SERVICE (LOS):			D			D				E				E				E

No. of Phases			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2
Override Capacity			0			0			0			0			0

PROJECT IMPACT

Change in v/c due to project: 0.035 | Δv/c after mitigation: 0.035
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	140	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	128	1	128	0	128	128	89	219	1	219	0	219	1	219	0	219	1	219
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1058	2	385	0	1058	386	195	1266	2	455	0	1266	2	456	0	1266	2	456
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	98	0	98	3	101	101	0	99	0	99	3	102	0	102	0	102	0	102
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	154	1	154	6	160	160	4	160	1	160	6	166	1	166	0	166	1	166
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1004	2	502	49	1053	527	209	1225	2	613	49	1274	2	637	0	1274	2	637
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	151	1	33	0	151	33	67	220	1	62	0	220	1	62	0	220	1	62
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	118	1	118	0	118	118	39	158	1	158	0	158	1	158	0	158	1	158
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	1082	2	388	100	1182	422	75	1170	2	585	100	1270	2	635	0	1270	2	635
EASTBOUND Through-Right		1							0				0				0	
EASTBOUND Right	83	0	83	0	83	83	52	136	1	27	0	136	1	27	0	136	1	27
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	103	1	103	0	103	103	29	133	1	133	0	133	1	133	0	133	1	133
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	982	2	362	52	1034	379	97	1091	2	546	52	1143	2	572	0	1143	2	572
WESTBOUND Through-Right		1							0				0				0	
WESTBOUND Right	103	0	103	0	103	103	3	107	1	27	0	107	1	24	0	107	1	24
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		630	North-South:		655	North-South:			832	North-South:			856	North-South:			856
	East-West:		491	East-West:		525	East-West:			718	East-West:			768	East-West:			768
	SUM:		1121	SUM:		1180	SUM:			1550	SUM:			1624	SUM:			1624
VOLUME/CAPACITY (V/C) RATIO:			0.815			0.858				1.127				1.181				1.181
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.745			0.788				1.027				1.081				1.081
LEVEL OF SERVICE (LOS):			C			C				F				F				F

No. of Phases			4			4			4			4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2
Override Capacity			0			0			0			0			0

PROJECT IMPACT

Change in v/c due to project: 0.054 | Δv/c after mitigation: 0.054
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
141	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1020	2	364	0	1020	365	132	1164	2	427	0	1164	2	427	0	1164	2	427
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	73	0	73	1	74	74	42	116	0	116	1	117	0	117	0	117	0	117
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	933	2	345	0	933	345	97	1041	2	381	0	1041	2	381	0	1041	2	381
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	102	0	102	0	102	102	0	103	0	103	0	103	0	103	0	103	0	103
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	94	1	94	0	94	94	0	95	1	95	0	95	1	95	0	95	1	95
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	815	1	428	99	914	488	53	878	1	878	99	977	1	977	0	977	1	977
EASTBOUND Through-Right		1							0				0				0	
EASTBOUND Right	41	0	41	20	61	61	0	41	1	41	20	61	1	61	0	61	1	61
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	84	1	84	0	84	84	54	139	1	139	0	139	1	139	0	139	1	139
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	817	1	471	52	869	497	100	927	1	927	52	979	1	979	0	979	1	979
WESTBOUND Through-Right		1							0				0				0	
WESTBOUND Right	125	0	125	0	125	125	2	129	1	129	0	129	1	129	0	129	1	129
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		364	North-South:		365	North-South:			427	North-South:			427	North-South:			427
	East-West:		565	East-West:		591	East-West:			1022	East-West:			1116	East-West:			1116
	SUM:		929	SUM:		956	SUM:			1449	SUM:			1543	SUM:			1543
VOLUME/CAPACITY (V/C) RATIO:			0.619			0.637				0.966				1.029				1.029
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.549			0.567				0.866				0.929				0.929
LEVEL OF SERVICE (LOS):			A			A				D				E				E

PROJECT IMPACT

Change in v/c due to project: 0.063 | Δv/c after mitigation: 0.063 | Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
142	East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	62	1	62	0	62	62	21	84	1	84	0	84	1	84	0	84	1	84
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1202	1	626	3	1205	627	238	1454	1	752	3	1457	1	754	0	1457	1	754
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	46	1	46	0	46	46	7	54	1	54	0	54	1	54	0	54	1	54
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1114	1	608	49	1163	633	194	1321	1	718	49	1370	1	743	0	1370	1	743
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	102	0	102	0	102	102	12	115	0	115	0	115	0	115	0	115	0	115
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	16	16	0	16	0	16	0	16	0	16	0	16
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	699	0	401	0	699	401	165	872	0	523	0	872	0	523	0	872	0	523
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	102	0	401	0	102	401	7	110	0	523	0	110	0	523	0	110	0	523
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	554	0	316	0	554	316	170	731	0	411	0	731	0	411	0	731	0	411
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	77	0	316	0	77	316	13	91	0	411	0	91	0	411	0	91	0	411
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		672	North-South:		695	North-South:			806	North-South:			827	North-South:			827
	East-West:		401	East-West:		401	East-West:			523	East-West:			523	East-West:			523
	SUM:		1073	SUM:		1096	SUM:			1329	SUM:			1350	SUM:			1350
VOLUME/CAPACITY (V/C) RATIO:			0.715			0.731				0.886				0.900				0.900
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.615			0.631				0.786				0.800				0.800
LEVEL OF SERVICE (LOS):			B			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.014 | Δv/c after mitigation: 0.014 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
143	East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	973	2	346	1	974	346	160	1145	2	404	1	1146	2	404	0	1146	2	404
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	65	0	65	0	65	65	0	66	0	66	0	66	0	66	0	66	0	66
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	930	2	337	20	950	344	140	1081	2	390	20	1101	2	397	0	1101	2	397
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	81	0	81	0	81	81	8	90	0	90	0	90	0	90	0	90	0	90
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	62	1	62	0	62	62	3	66	1	66	0	66	1	66	0	66	1	66
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	467	1	467	0	467	467	199	672	1	672	0	672	1	672	0	672	1	672
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	66	1	66	0	66	66	0	67	1	67	0	67	1	67	0	67	1	67
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	653	1	368	0	653	368	198	859	1	473	0	859	1	473	0	859	1	473
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	82	0	82	0	82	82	3	86	0	86	0	86	0	86	0	86	0	86
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		346	North-South:		346	North-South:			404	North-South:			404	North-South:			404
	East-West:		533	East-West:		533	East-West:			739	East-West:			739	East-West:			739
	SUM:		879	SUM:		879	SUM:			1143	SUM:			1143	SUM:			1143
VOLUME/CAPACITY (V/C) RATIO:			0.586			0.586				0.762				0.762				0.762
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.486			0.486				0.662				0.662				0.662
LEVEL OF SERVICE (LOS):			A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
144	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 3 SB-- 3; EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	138	1	138	0	138	138	0	140	1	140	0	140	1	140	0	140	1	140
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1030	2	515	3	1033	517	132	1174	2	587	3	1177	2	589	0	1177	2	589
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	68	1	0	10	78	0	8	77	1	0	10	87	1	0	0	87	1	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	136	1	136	21	157	157	8	146	1	146	21	167	1	167	0	167	1	167
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1230	2	615	28	1258	629	98	1343	2	672	28	1371	2	686	0	1371	2	686
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	3	1	0	0	3	0	0	3	1	0	0	3	1	0	0	3	1	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	78	1	78	0	78	78	0	79	1	79	0	79	1	79	0	79	1	79
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	1427	2	498	178	1605	557	193	1637	2	568	178	1815	2	627	0	1815	2	627
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	66	0	66	0	66	66	0	67	0	67	0	67	0	67	0	67	0	67
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	106	1	106	0	106	106	10	117	1	117	0	117	1	117	0	117	1	117
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	1010	2	375	48	1058	391	185	1207	2	444	49	1256	2	460	0	1256	2	460
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	114	0	114	0	114	114	10	125	0	125	0	125	0	125	0	125	0	125
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		753	North-South:		767	North-South:			812	North-South:			826	North-South:			826
	East-West:		604	East-West:		663	East-West:			685	East-West:			744	East-West:			744
	SUM:		1357	SUM:		1430	SUM:			1497	SUM:			1570	SUM:			1570
VOLUME/CAPACITY (V/C) RATIO:			0.987			1.040				1.089				1.142				1.142
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.887			0.940				0.989				1.042				1.042
LEVEL OF SERVICE (LOS):			D			E				E				F				F

PROJECT IMPACT

Change in v/c due to project: 0.053 | Δv/c after mitigation: 0.053 | Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	145	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB-- EB--	SB-- WB--	NB-- EB--	SB-- WB--	NB-- EB--	SB-- WB--	NB-- EB--	SB-- WB--	NB-- EB--	SB-- WB--
No. of Phases		2		2		2		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0		0		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
ATSAC-1 or ATSAC+ATCS-2?		2		2		2		2		2
Override Capacity		0		0		0		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	68	1	68	0	68	68	39	108	1	108	0	108	1	108	0	108	1	108
Left-Through		0							0				0				0	
Through	595	1	325	1	596	327	41	643	1	356	1	644	1	358	0	644	1	358
Through-Right		1							1				1				1	
Right	55	0	55	3	58	58	12	68	0	68	3	71	0	71	0	71	0	71
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND Left	85	1	85	5	90	90	9	95	1	95	5	100	1	100	0	100	1	100
Left-Through		0							0				0				0	
Through	801	2	401	7	808	404	34	845	2	423	7	852	2	426	0	852	2	426
Through-Right		1							1				1				1	
Right	90	1	54	0	90	54	18	109	1	61	0	109	1	61	0	109	1	61
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND Left	73	1	73	0	73	73	23	97	1	97	0	97	1	97	0	97	1	97
Left-Through		0							0				0				0	
Through	1619	2	558	210	1829	628	213	1852	2	651	210	2062	2	721	0	2062	2	721
Through-Right		1							1				1				1	
Right	56	0	56	0	56	56	44	101	0	101	0	101	0	101	0	101	0	101
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND Left	63	1	63	0	63	63	22	86	1	86	0	86	1	86	0	86	1	86
Left-Through		0							0				0				0	
Through	1390	2	491	48	1438	507	201	1608	2	570	48	1656	2	586	0	1656	2	586
Through-Right		1							1				1				1	
Right	84	0	84	0	84	84	17	102	0	102	0	102	0	102	0	102	0	102
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		469	North-South:		472	North-South:			531	North-South:			534	North-South:			534
	East-West:		621	East-West:		691	East-West:			737	East-West:			807	East-West:			807
	SUM:		1090	SUM:		1163	SUM:			1268	SUM:			1341	SUM:			1341
VOLUME/CAPACITY (V/C) RATIO:			0.727			0.775				0.845				0.894				0.894
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.627			0.675				0.745				0.794				0.794
LEVEL OF SERVICE (LOS):			B			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.049 | Δv/c after mitigation: 0.049

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	146	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB-- EB--	SB-- WB--	NB-- EB--	SB-- WB--	NB-- EB--	SB-- WB--	NB-- EB--	SB-- WB--	NB-- EB--	SB-- WB--
No. of Phases		4		4		4		4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0		0		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	3 / 0	0 / 0	3 / 0	0 / 0	3 / 0	0 / 0	3 / 0	0 / 0	3 / 0	0 / 0
ATSAC-1 or ATSAC+ATCS-2?		2		2		2		2		2
Override Capacity		0		0		0		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	101	1	101	0	101	101	30	132	1	132	0	132	1	132	0	132	1	132
Left-Through		0							0				0				0	
Through	1076	2	538	3	1079	540	196	1285	2	643	3	1288	2	644	0	1288	2	644
Through-Right		1							1				1				1	
Right	86	1	10	28	114	38	1	88	1	10	28	116	1	38	0	116	1	38
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND Left	106	1	106	21	127	127	13	120	1	120	21	141	1	141	0	141	1	141
Left-Through		0							0				0				0	
Through	948	1	528	28	976	542	173	1132	1	627	28	1160	1	641	0	1160	1	641
Through-Right		1							1				1				1	
Right	107	0	107	0	107	107	13	121	0	121	0	121	0	121	0	121	0	121
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND Left	138	1	138	0	138	138	21	161	1	161	0	161	1	161	0	161	1	161
Left-Through		0							0				0				0	
Through	1492	2	524	217	1709	596	227	1737	2	622	217	1954	2	694	0	1954	2	694
Through-Right		1							1				1				1	
Right	80	0	80	0	80	80	48	129	0	129	0	129	0	129	0	129	0	129
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND Left	76	1	76	0	76	76	1	78	1	78	0	78	1	78	0	78	1	78
Left-Through		0							0				0				0	
Through	1268	2	445	48	1316	461	198	1481	2	530	49	1530	2	547	0	1530	2	547
Through-Right		1							1				1				1	
Right	68	0	68	0	68	68	41	110	0	110	0	110	0	110	0	110	0	110
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		644	North-South:		667	North-South:			763	North-South:			785	North-South:			785
	East-West:		600	East-West:		672	East-West:			700	East-West:			772	East-West:			772
	SUM:		1244	SUM:		1339	SUM:			1463	SUM:			1557	SUM:			1557
VOLUME/CAPACITY (V/C) RATIO:			0.905			0.974				1.064				1.132				1.132
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.805			0.874				0.964				1.032				1.032
LEVEL OF SERVICE (LOS):			D			D				E				F				F

PROJECT IMPACT

Change in v/c due to project: 0.068 | Δv/c after mitigation: 0.068

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	147	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB-- EB--	SB-- WB--	NB-- EB--	SB-- WB--	NB-- EB--	SB-- WB--	NB-- EB--	SB-- WB--	NB-- EB--	SB-- WB--
No. of Phases		4		4		4		4		4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0		0		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0 / 0	3 / 0	0 / 0	3 / 0	0 / 0	3 / 0	0 / 0	3 / 0	0 / 0	3 / 0
ATSAC-1 or ATSAC+ATCS-2?		2		2		2		2		2
Override Capacity		0		0		0		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	106	1	106	0	106	106	1	108	1	108	0	108	1	108	0	108	1	108
Left-Through		0							0				0				0	
Through	696	1	378	1	697	443	155	859	1	476	1	860	1	541	0	860	1	541
Through-Right		1							1				1				1	
Right	59	0	59	129	188	188	33	93	0	93	129	222	0	222	0	222	0	222
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND Left	144	1	144	4	148	148	5	151	1	151	4	155	1	155	0	155	1	155
Left-Through		0							0				0				0	
Through	768	2	384	16	784	392	130	907	2	454	16	923	2	462	0	923	2	462
Through-Right		0							0				0				0	
Right	193	1	0	0	193	0	2	197	1	0	0	197	1	0	0	197	1	0
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND Left	219	1	219	0	219	219	4	226	1	226	0	226	1	226	0	226	1	226
Left-Through		0							0				0				0	
Through	1212	2	422	228	1440	515	234	1461	2	505	228	1689	2	598	0	1689	2	598
Through-Right		1							1				1				1	
Right	53	0	53	52	105	105	0	54	0	54	52	106	0	106	0	106	0	106
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND Left	83	1	83	0	83	83	107	191	1	191	0	191	1	191	0	191	1	191
Left-Through		0							0				0				0	
Through	1081	2	382	48	1129	398	236	1330	2	467	49	1379	2	484	0	1379	2	484
Through-Right		1							1				1				1	
Right	66	0	66	0	66	66	5	72	0	72	0	72	0	72	0	72	0	72
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		522	North-South:		591	North-South:			627	North-South:			696	North-South:			696
	East-West:		601	East-West:		617	East-West:			696	East-West:			789	East-West:			789
	SUM:		1123	SUM:		1208	SUM:			1323	SUM:			1485	SUM:			1485
VOLUME/CAPACITY (V/C) RATIO:			0.817			0.879				0.962				1.080				1.080
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.717			0.779				0.862				0.980				0.980
LEVEL OF SERVICE (LOS):			C			C				D				E				E

PROJECT IMPACT

Change in v/c due to project: 0.118 | Δv/c after mitigation: 0.118

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	148	North-South Street:	Union	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	NB-- EB--	SB-- WB--	NB-- EB--	SB-- WB--	NB-- EB--	SB-- WB--	NB-- EB--	SB-- WB--	NB-- EB--	SB-- WB--
No. of Phases		2		2		2		2		2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0		0		0		0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
ATSAC-1 or ATSAC+ATCS-2?		2		2		2		2		2
Override Capacity		0		0		0		0		0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
Left-Through		0							0				0				0	
Through	492	0	528	31	523	631	1	499	0	535	24	523	0	632	0	523	0	632
Through-Right		1							1				1				1	
Right	36	0	0	72	108	0	0	36	0	0	73	109	0	0	0	109	0	0
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND Left	78	1	78	0	78	78	0	79	1	79	0	79	1	79	0	79	1	79
Left-Through		0							0				0				0	
Through	599	1	599	0	599	599	1	607	1	607	0	607	1	607	0	607	1	607
Through-Right		0							0				0				0	
Right	168	1	127	0	168	127	0	170	1	128	0	170	1	128	0	170	1	128
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND Left	83	1	83	0	83	83	0	84	1	84	0	84	1	84	0	84	1	84
Left-Through		0							0				0				0	
Through	1190	2	419	361	1551	539	271	1475	2	514	361	1836	2	634	0	1836	2	634
Through-Right		1							1				1				1	
Right	66	0	66	0	66	66	0	67	0	67	0	67	0	67	0	67	0	67
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND Left	53	1	53	39	92	92	0	54	1	54	37	91	1	91	0	91	1	91
Left-Through		0							0				0				0	
Through	997	2	350	48	1045	366	347	1356	2	474	49	1405	2	490	0	1405	2	490
Through-Right		1							1				1				1	
Right	53	0	53	0	53	53	11	65	0	65	0	65	0	65	0	65	0	65
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		661	North-South:		709	North-South:			670	North-South:			711	North-South:			711
	East-West:		472	East-West:		631	East-West:			568	East-West:			725	East-West:			725
	SUM:		1133	SUM:		1340	SUM:			1238	SUM:			1436	SUM:			1436
VOLUME/CAPACITY (V/C) RATIO:			0.755			0.893				0.825				0.957				0.957
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.655			0.793				0.725				0.857				0.857
LEVEL OF SERVICE (LOS):			B			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.132 | Δv/c after mitigation: 0.132

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
149	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	69	1	**69**	0	69	**69**	0	70	1	**70**	0	70	1	**70**	0	70	1	**70**
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	878	1	473	14	892	482	132	1021	1	545	14	1035	1	554	0	1035	1	554
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	68	0	68	3	71	71	0	69	0	69	3	72	0	72	0	72	0	72
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	58	1	58	6	64	64	0	59	1	59	6	65	1	65	0	65	1	65
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1024	1	**552**	22	1046	**563**	98	1134	1	**613**	22	1156	1	**624**	0	1156	1	**624**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	80	0	80	0	80	80	10	91	0	91	0	91	0	91	0	91	0	91
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	114	1	114	0	114	114	8	123	1	123	0	123	1	123	0	123	1	123
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	708	1	**407**	54	762	**434**	122	839	1	**473**	54	893	1	**500**	0	893	1	**500**
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	106	0	106	0	106	106	0	107	0	107	0	107	0	107	0	107	0	107
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	73	1	**73**	0	73	**73**	0	74	1	**74**	0	74	1	**74**	0	74	1	**74**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	472	1	262	48	520	286	115	593	1	323	48	641	1	347	0	641	1	347
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		621	North-South:		632	North-South:			683	North-South:			694	North-South:			694
	East-West:		480	East-West:		507	East-West:			547	East-West:			574	East-West:			574
	SUM:		1101	SUM:		1139	SUM:			1230	SUM:			1268	SUM:			1268
VOLUME/CAPACITY (V/C) RATIO:			0.734			0.759				0.820				0.845				0.845
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.634			0.659				0.720				0.745				0.745
LEVEL OF SERVICE (LOS):			B			B				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.025 | Δv/c after mitigation: 0.025 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
150	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	30	0	30	0	30	30	9	39	0	39	0	39	0	**39**	0	39	0	**39**
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	699	0	**464**	3	702	**466**	83	790	0	**528**	3	793	0	530	0	793	0	530
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	109	0	464	1	110	466	0	110	0	528	1	111	0	530	0	111	0	530
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	**0**	2	2	**2**	8	8	0	**8**	2	10	0	10	0	10	0	10
SOUTHBOUND Left-Through		1							1				1				1	
SOUTHBOUND Through	811	0	428	5	816	434	87	908	0	495	5	913	0	**502**	0	913	0	**502**
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	44	0	428	0	44	434	5	50	0	495	0	50	0	502	0	50	0	502
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	31	1	31	0	31	31	2	33	1	33	0	33	1	33	0	33	1	33
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	639	1	366	64	703	**398**	111	758	1	430	64	822	1	**462**	0	822	1	**462**
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	92	0	92	0	92	92	8	101	0	101	0	101	0	101	0	101	0	101
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	86	1	**86**	0	86	**86**	0	87	1	**87**	0	87	1	**87**	0	87	1	**87**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	521	1	277	48	569	301	101	628	1	334	49	677	1	359	0	677	1	359
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	33	0	33	0	33	33	7	40	0	40	0	40	0	40	0	40	0	40
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		464	North-South:		468	North-South:			536	North-South:			541	North-South:			541
	East-West:		452	East-West:		484	East-West:			517	East-West:			549	East-West:			549
	SUM:		916	SUM:		952	SUM:			1053	SUM:			1090	SUM:			1090
VOLUME/CAPACITY (V/C) RATIO:			0.611			0.635				0.702				0.727				0.727
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.511			0.535				0.602				0.627				0.627
LEVEL OF SERVICE (LOS):			A			A				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.025 | Δv/c after mitigation: 0.025 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
151	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	70	1	70	0	70	70	0	71	1	71	0	71	1	71	0	71	1	71
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	1109	1	**600**	32	1141	**654**	225	1347	1	**719**	32	1379	1	**774**	0	1379	1	**774**
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	90	0	90	77	167	167	0	91	0	91	77	168	0	168	0	168	0	168
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	55	1	**55**	6	61	**61**	2	58	1	**58**	6	64	1	**64**	0	64	1	**64**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	1072	1	561	22	1094	572	219	1304	1	678	22	1326	1	689	0	1326	1	689
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	50	0	50	0	50	50	1	52	0	52	0	52	0	52	0	52	0	52
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	94	1	**94**	0	94	94	1	96	1	96	0	96	1	96	0	96	1	96
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	663	1	388	66	729	**421**	117	788	1	**451**	66	854	1	**484**	0	854	1	**484**
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	112	0	112	0	112	112	0	113	0	113	0	113	0	113	0	113	0	113
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	69	1	69	0	69	**69**	1	71	1	**71**	0	71	1	**71**	0	71	1	**71**
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	622	1	**366**	48	670	390	107	737	1	424	48	785	1	448	0	785	1	448
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	109	0	109	0	109	109	1	111	0	111	0	111	0	111	0	111	0	111
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		655	North-South:		715	North-South:			777	North-South:			838	North-South:			838
	East-West:		460	East-West:		490	East-West:			522	East-West:			555	East-West:			555
	SUM:		1115	SUM:		1205	SUM:			1299	SUM:			1393	SUM:			1393
VOLUME/CAPACITY (V/C) RATIO:			0.743			0.803				0.866				0.929				0.929
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.643			0.703				0.766				0.829				0.829
LEVEL OF SERVICE (LOS):			B			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.063 | Δv/c after mitigation: 0.063 | Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
152	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	615	1	**327**	65	680	**492**	174	796	1	**428**	65	861	1	**593**	0	861	1	**593**
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	39	0	39	265	304	304	20	59	0	59	266	325	0	325	0	325	0	325
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	106	1	**106**	68	174	**174**	2	109	1	**109**	68	177	1	**177**	0	177	1	**177**
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	617	1	398	0	617	398	216	840	1	521	0	840	1	521	0	840	1	521
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	179	0	179	0	179	179	20	201	0	201	0	201	0	201	0	201	0	201
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	150	1	**150**	65	215	**215**	6	158	1	**158**	65	223	1	**223**	0	223	1	**223**
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	595	1	315	89	684	359	114	716	1	375	89	805	1	420	0	805	1	420
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	34	0	34	0	34	34	0	34	0	34	0	34	0	34	0	34	0	34
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	68	1	68	0	68	68	11	80	1	80	0	80	1	80	0	80	1	80
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	781	1	**452**	48	829	**518**	89	879	1	**506**	49	928	1	**573**	0	928	1	**573**
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	122	0	122	85	207	207	9	132	0	132	85	217	0	217	0	217	0	217
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		433	North-South:		666	North-South:			537	North-South:			770	North-South:			770
	East-West:		602	East-West:		733	East-West:			664	East-West:			796	East-West:			796
	SUM:		1035	SUM:		1399	SUM:			1201	SUM:			1566	SUM:			1566
VOLUME/CAPACITY (V/C) RATIO:			0.726			0.982				0.843				1.099				1.099
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.626			0.882				0.743				0.999				0.999
LEVEL OF SERVICE (LOS):			B			D				C				E				E

PROJECT IMPACT

Change in v/c due to project: 0.256 | Δv/c after mitigation: 0.256 | Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	153	North-South Street:	Pico	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Union	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		40	1	40	0	40	40	0	40	1	40	0	40	1	40	0	40	1	40
	Left-Through			0							0				0				0	
	Through		382	0	425	0	382	425	0	387	0	431	0	387	0	431	0	387	0	431
	Through-Right			1							1				1				1	
	Right		43	0	0	0	43	0	0	44	0	0	0	44	0	0	0	44	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		85	1	85	0	85	85	1	87	1	87	0	87	1	87	0	87	1	87
	Left-Through			0							0				0				0	
	Through		481	1	481	0	481	481	0	487	1	487	67	554	1	554	0	554	1	554
	Through-Right			0							0				0				0	
	Right		86	1	51	0	86	15	0	87	1	51	0	87	1	15	0	87	1	15
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		71	1	71	72	143	143	0	72	1	72	73	145	1	145	0	145	1	145
	Left-Through			0							0				0				0	
	Through		553	1	306	350	903	481	134	694	1	377	349	1043	1	552	0	1043	1	552
	Through-Right			1							1				1				1	
	Right		59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		54	1	54	0	54	54	7	62	1	62	0	62	1	62	0	62	1	62
	Left-Through			0							0				0				0	
	Through		864	1	521	133	997	630	87	961	1	571	134	1095	1	680	0	1095	1	680
	Through-Right			1							1				1				1	
	Right		177	0	177	85	262	262	1	180	0	180	85	265	0	265	0	265	0	265
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		521	North-South:		521	North-South:			527	North-South:			594	North-South:			594
			East-West:		592	East-West:		773	East-West:			643	East-West:			825	East-West:			825
			SUM:		1113	SUM:		1294	SUM:			1170	SUM:			1419	SUM:			1419
	VOLUME/CAPACITY (V/C) RATIO:				0.742			0.863				0.780				0.946				0.946
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.642			0.763				0.680				0.846				0.846
	LEVEL OF SERVICE (LOS):				B			C				B				D				D

	No. of Phases				2			2			2				2				2	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?				2			2			2				2				2	
	Override Capacity				0			0			0				0				0	

PROJECT IMPACT

Change in v/c due to project: 0.166 | Δv/c after mitigation: 0.166

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	154	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Alvarado	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		970	2	485	14	984	492	93	1075	2	538	14	1089	2	545	0	1089	2	545
	Through-Right			1							1				1				1	
	Right		620	1	0	331	951	0	194	821	1	0	332	1153	1	0	0	1153	1	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		2	0	0	0	2	0	0	2	0	0	0	2	0	0	0	2	0	0
	Left-Through			0							0				0				0	
	Through		975	2	488	5	980	490	21	1008	2	504	5	1013	2	507	0	1013	2	507
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		677	1	343	0	677	343	226	911	1	460	1	912	1	460	0	912	1	460
	Left-Through			0							0				0				0	
	Through		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right			0							0				0				0	
	Right		8	0	343	0	8	343	0	8	0	460	0	8	0	460	0	8	0	460
	Left-Through-Right			0							0				0				0	
	Left-Right			1							1				1				1	
	CRITICAL VOLUMES		North-South:		488	North-South:		492	North-South:			538	North-South:			545	North-South:			545
			East-West:		343	East-West:		343	East-West:			460	East-West:			460	East-West:			460
			SUM:		831	SUM:		835	SUM:			998	SUM:			1005	SUM:			1005
	VOLUME/CAPACITY (V/C) RATIO:				0.554			0.557				0.665				0.670				0.670
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.454			0.457				0.565				0.570				0.570
	LEVEL OF SERVICE (LOS):				A			A				A				A				A

	No. of Phases				2			2			2				2				2	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	1	SB--	0	NB--	1	SB--	0	NB--	1	SB--	0	NB--	1	SB--	0	NB--	1	SB--	0
		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?				2			2			2				2				2	
	Override Capacity				0			0			0				0				0	

PROJECT IMPACT

Change in v/c due to project: 0.005 | Δv/c after mitigation: 0.005

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	155	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		80	1	80	0	80	80	0	81	1	81	0	81	1	81	0	81	1	81
	Left-Through			0							0				0				0	
	Through		892	1	499	17	909	510	132	1035	1	571	17	1052	1	582	0	1052	1	582
	Through-Right			1							1				1				1	
	Right		105	0	105	5	110	110	0	106	0	106	5	111	0	111	0	111	0	111
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		58	1	58	11	69	69	0	59	1	59	11	70	1	70	0	70	1	70
	Left-Through			0							0				0				0	
	Through		913	2	457	11	924	462	98	1022	2	511	11	1033	2	517	0	1033	2	517
	Through-Right			0							0				0				0	
	Right		122	1	87	0	122	87	0	123	1	87	0	123	1	87	0	123	1	87
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		71	1	71	0	71	71	0	72	1	72	0	72	1	72	0	72	1	72
	Left-Through			0							0				0				0	
	Through		823	1	479	149	972	553	61	894	1	515	149	1043	1	590	0	1043	1	590
	Through-Right			1							1				1				1	
	Right		134	0	134	0	134	134	0	136	0	136	0	136	0	136	0	136	0	136
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		75	1	75	0	75	75	0	76	1	76	0	76	1	76	0	76	1	76
	Left-Through			0							0				0				0	
	Through		666	1	364	24	690	376	41	715	1	389	24	739	1	401	0	739	1	401
	Through-Right			1							1				1				1	
	Right		62	0	62	0	62	62	0	63	0	63	0	63	0	63	0	63	0	63
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		557	North-South:		579	North-South:			630	North-South:			652	North-South:			652
			East-West:		554	East-West:		628	East-West:			591	East-West:			666	East-West:			666
			SUM:		1111	SUM:		1207	SUM:			1221	SUM:			1318	SUM:			1318
	VOLUME/CAPACITY (V/C) RATIO:				0.741			0.805				0.814				0.879				0.879
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.641			0.705				0.714				0.779				0.779
	LEVEL OF SERVICE (LOS):				B			C				C				C				C

	No. of Phases				2			2			2				2				2	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?				2			2			2				2				2	
	Override Capacity				0			0			0				0				0	

PROJECT IMPACT

Change in v/c due to project: 0.065 | Δv/c after mitigation: 0.065

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	156	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION		
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left		109	1	109	0	109	109	13	123	1	123	0	123	1	123	0	123	1	123
	Left-Through			0							0				0				0	
	Through		825	1	437	4	829	439	92	927	1	488	4	931	1	491	0	931	1	491
	Through-Right			1							1				1				1	
	Right		48	0	48	1	49	49	0	49	0	49	1	50	0	50	0	50	0	50
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
SOUTHBOUND	Left		59	1	59	3	62	62	0	60	1	60	3	63	1	63	0	63	1	63
	Left-Through			0							0				0				0	
	Through		970	1	515	3	973	517	96	1078	1	570	3	1081	1	571	0	1081	1	571
	Through-Right			1							1				1				1	
	Right		60	0	60	0	60	60	0	61	0	61	0	61	0	61	0	61	0	61
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
EASTBOUND	Left		78	1	78	0	78	78	0	79	1	79	0	79	1	79	0	79	1	79
	Left-Through			0							0				0				0	
	Through		750	1	459	166	916	542	49	808	1	495	166	974	1	578	0	974	1	578
	Through-Right			1							1				1				1	
	Right		167	0	167	0	167	167	13	182	0	182	0	182	0	182	0	182	0	182
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
WESTBOUND	Left		32	1	32	0	32	32	0	32	1	32	0	32	1	32	0	32	1	32
	Left-Through			0							0				0				0	
	Through		563	1	303	24	587	315	28	598	1	321	24	622	1	333	0	622	1	333
	Through-Right			1							1				1				1	
	Right		43	0	43	0	43	43	0	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right			0							0				0				0	
	Left-Right			0							0				0				0	
	CRITICAL VOLUMES		North-South:		624	North-South:		626	North-South:			693	North-South:			694	North-South:			694
			East-West:		491	East-West:		574	East-West:			527	East-West:			610	East-West:			610
			SUM:		1115	SUM:		1200	SUM:			1220	SUM:			1304	SUM:			1304
	VOLUME/CAPACITY (V/C) RATIO:				0.743			0.800				0.813				0.869				0.869
	V/C LESS ATSAC/ATCS ADJUSTMENT:				0.643			0.700				0.713				0.769				0.769
	LEVEL OF SERVICE (LOS):				B			C				C				C				C

	No. of Phases				2			2			2				2				2	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?				2			2			2				2				2	
	Override Capacity				0			0			0				0				0	

PROJECT IMPACT

Change in v/c due to project: 0.056 | Δv/c after mitigation: 0.056

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	157	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	66	1	66	0	66	66	0	67	1	67	0	67	1	67	0	67	1	67
	Left-Through		0							0				0				0	
	Through	1107	1	604	99	1206	656	225	1345	1	723	99	1444	1	775	0	1444	1	775
	Through-Right		1							1				1				1	
	Right	100	0	100	5	105	105	0	101	0	101	5	106	0	106	0	106	0	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	67	1	67	11	78	78	0	68	1	68	11	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	1105	1	592	11	1116	598	220	1338	1	709	11	1349	1	715	0	1349	1	715
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	0	80	0	80	0	80	0	80	0	80	0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	82	1	82	10	92	92	0	83	1	83	10	93	1	93	0	93	1	93
	Left-Through		0							0				0				0	
	Through	691	1	397	160	851	477	49	748	1	426	160	908	1	506	0	908	1	506
	Through-Right		1							1				1				1	
	Right	102	0	102	0	102	102	0	103	0	103	0	103	0	103	0	103	0	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	76	1	76	0	76	76	0	77	1	77	0	77	1	77	0	77	1	77
	Left-Through		0							0				0				0	
	Through	593	1	342	24	617	354	28	628	1	360	24	652	1	372	0	652	1	372
	Through-Right		1							1				1				1	
	Right	91	0	91	0	91	91	0	92	0	92	0	92	0	92	0	92	0	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		671	North-South:		734	North-South:			791	North-South:			854	North-South:			854
		East-West:		473	East-West:		553	East-West:			503	East-West:			583	East-West:			583
		SUM:		1144	SUM:		1287	SUM:			1294	SUM:			1437	SUM:			1437
VOLUME/CAPACITY (V/C) RATIO:				0.763			0.858				0.863				0.958				0.958
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.663			0.758				0.763				0.858				0.858
LEVEL OF SERVICE (LOS):				B			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.095 | Δv/c after mitigation: 0.095

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	158	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	96	1	96	0	96	96	0	97	1	97	0	97	1	97	0	97	1	97
	Left-Through		0							0				0				0	
	Through	1384	2	476	299	1683	593	286	1687	2	580	299	1986	2	696	0	1986	2	696
	Through-Right		1							1				1				1	
	Right	45	0	45	51	96	96	6	52	0	52	51	103	0	103	0	103	0	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	74	1	74	2	76	76	1	76	1	76	2	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	1421	2	711	2	1423	712	245	1683	2	842	3	1686	2	843	0	1686	2	843
	Through-Right		0							1				0				1	
	Right	135	1	79	0	135	56	1	138	1	82	0	138	1	59	0	138	1	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	112	1	112	46	158	158	0	113	1	113	46	159	1	159	0	159	1	159
	Left-Through		0							0				0				0	
	Through	496	1	322	130	626	387	49	551	1	351	130	681	1	416	0	681	1	416
	Through-Right		1							1				1				1	
	Right	148	0	148	0	148	148	0	150	0	150	0	150	0	150	0	150	0	150
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	77	1	77	111	188	188	9	87	1	87	112	199	1	199	0	199	1	199
	Left-Through		0							0				0				0	
	Through	518	1	313	24	542	325	27	551	1	330	25	576	1	343	0	576	1	343
	Through-Right		1							1				1				1	
	Right	108	0	108	0	108	108	0	109	0	109	0	109	0	109	0	109	0	109
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		807	North-South:		808	North-South:			939	North-South:			940	North-South:			940
		East-West:		425	East-West:		575	East-West:			443	East-West:			615	East-West:			615
		SUM:		1232	SUM:		1383	SUM:			1382	SUM:			1555	SUM:			1555
VOLUME/CAPACITY (V/C) RATIO:				0.865			0.971				0.970				1.091				1.091
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.765			0.871				0.870				0.991				0.991
LEVEL OF SERVICE (LOS):				C			D				D				E				E

PROJECT IMPACT

Change in v/c due to project: 0.121 | Δv/c after mitigation: 0.121

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	159	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	90	1	90	0	90	90	0	91	1	91	0	91	1	91	0	91	1	91
	Left-Through		0							0				0				0	
	Through	970	1	535	22	992	548	132	1114	1	607	22	1136	1	621	0	1136	1	621
	Through-Right		1							1				1				1	
	Right	99	0	99	5	104	104	0	100	0	100	5	105	0	105	0	105	0	105
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	66	1	66	11	77	77	0	67	1	67	11	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	1146	1	597	0	1146	597	98	1258	1	653	0	1258	1	653	0	1258	1	653
	Through-Right		1							1				1				1	
	Right	47	0	47	0	47	47	0	48	0	48	0	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	59	1	59	0	59	59	0	60	1	60	0	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	717	2	275	139	856	321	147	873	2	327	139	1012	2	373	0	1012	2	373
	Through-Right		1							1				1				1	
	Right	107	0	107	0	107	107	0	108	0	108	0	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	106	1	106	0	106	106	0	107	1	107	0	107	1	107	0	107	1	107
	Left-Through		0							0				0				0	
	Through	602	2	232	47	649	248	116	725	2	274	47	772	2	289	0	772	2	289
	Through-Right		1							1				1				1	
	Right	95	0	95	0	95	95	0	96	0	96	0	96	0	96	0	96	0	96
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		687	North-South:		687	North-South:			744	North-South:			744	North-South:			744
		East-West:		381	East-West:		427	East-West:			434	East-West:			480	East-West:			480
		SUM:		1068	SUM:		1114	SUM:			1178	SUM:			1224	SUM:			1224
VOLUME/CAPACITY (V/C) RATIO:				0.777			0.810				0.857				0.890				0.890
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.677			0.710				0.757				0.790				0.790
LEVEL OF SERVICE (LOS):				B			C				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.033 | Δv/c after mitigation: 0.033

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	160	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	139	1	139	0	139	139	0	141	1	141	0	141	1	141	0	141	1	141
	Left-Through		0							0				0				0	
	Through	919	1	529	6	925	533	83	1013	1	577	6	1019	1	581	0	1019	1	581
	Through-Right		1							1				1				1	
	Right	139	0	139	1	140	140	0	141	0	141	1	142	0	142	0	142	0	142
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	111	1	111	3	114	114	21	133	1	133	3	136	1	136	0	136	1	136
	Left-Through		0							0				0				0	
	Through	1015	1	533	0	1015	533	87	1114	1	583	0	1114	1	583	0	1114	1	583
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	58	1	58	0	58	58	0	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	643	2	258	156	799	310	147	798	2	311	156	954	2	363	0	954	2	363
	Through-Right		1							1				1				1	
	Right	132	0	132	0	132	132	0	134	0	134	0	134	0	134	0	134	0	134
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	140	1	140	0	140	140	0	142	1	142	0	142	1	142	0	142	1	142
	Left-Through		0							0				0				0	
	Through	559	2	210	47	606	226	116	682	2	259	47	729	2	275	0	729	2	275
	Through-Right		1							1				1				1	
	Right	72	0	72	0	72	72	22	95	0	95	0	95	0	95	0	95	0	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		672	North-South:		672	North-South:			724	North-South:			724	North-South:			724
		East-West:		398	East-West:		450	East-West:			453	East-West:			505	East-West:			505
		SUM:		1070	SUM:		1122	SUM:			1177	SUM:			1229	SUM:			1229
VOLUME/CAPACITY (V/C) RATIO:				0.778			0.816				0.856				0.894				0.894
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.678			0.716				0.756				0.794				0.794
LEVEL OF SERVICE (LOS):				B			C				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.038 | Δv/c after mitigation: 0.038

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	161	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?					
Right Turns: FREE-1, NRTOR-2 or OLA-3?		3	0	0	0
ATSAC-1 or ATSAC+ATCS-2?					
Override Capacity					

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	97	1	97	0	97	97	0	98	1	98	0	98	1	98	0	98	1	98
	Left-Through		0							0				0				0	
	Through	1103	2	552	104	1207	604	225	1341	2	671	104	1445	2	723	0	1445	2	723
	Through-Right		0							0				0				0	
	Right	213	1	23	5	218	28	0	216	1	24	5	221	1	29	0	221	1	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	77	1	77	11	88	88	0	78	1	78	11	89	1	89	0	89	1	89
	Left-Through		0							0				0				0	
	Through	1081	2	541	0	1081	541	220	1314	2	657	0	1314	2	657	0	1314	2	657
	Through-Right		0							0				0				0	
	Right	68	1	27	0	68	27	0	69	1	27	0	69	1	27	0	69	1	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	83	1	83	0	83	83	0	84	1	84	0	84	1	84	0	84	1	84
	Left-Through		0							0				0				0	
	Through	748	2	374	160	908	454	126	883	2	442	160	1043	2	522	0	1043	2	522
	Through-Right									0				0				0	
	Right	83	1	35	0	83	35	0	84	1	35	0	84	1	35	0	84	1	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	190	1	190	0	190	190	0	192	1	192	0	192	1	192	0	192	1	192
	Left-Through		0							0				0				0	
	Through	808	2	299	47	855	314	94	912	2	334	47	959	2	349	0	959	2	349
	Through-Right		1							1				1				1	
	Right	88	0	88	0	88	88	0	89	0	89	0	89	0	89	0	89	0	89
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		638	North-South:		692	North-South:			755	North-South:			812	North-South:			812
		East-West:		564	East-West:		644	East-West:			634	East-West:			714	East-West:			714
		SUM:		1202	SUM:		1336	SUM:			1389	SUM:			1526	SUM:			1526
VOLUME/CAPACITY (V/C) RATIO:				0.874			0.972				1.010				1.110				1.110
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.774			0.872				0.910				1.010				1.010
LEVEL OF SERVICE (LOS):				C			D				E				F				F

PROJECT IMPACT

Change in v/c due to project: 0.100 | Δv/c after mitigation: 0.100

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	162	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?					
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?					
Override Capacity					

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	72	1	72	0	72	72	0	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	1084	2	542	303	1387	694	277	1374	2	687	303	1677	2	839	0	1677	2	839
	Through-Right		0							0				0				0	
	Right	91	1	46	5	96	51	0	92	1	47	5	97	1	52	0	97	1	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	134	1	134	2	136	136	14	150	1	150	2	152	1	152	0	152	1	152
	Left-Through		0							0				0				0	
	Through	1315	2	658	111	1426	713	240	1571	2	786	112	1683	2	842	0	1683	2	842
	Through-Right		0							0				0				0	
	Right	221	1	169	0	221	146	0	224	1	172	0	224	1	149	0	224	1	149
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	104	1	104	46	150	150	0	105	1	105	46	151	1	151	0	151	1	151
	Left-Through		0							0				0				0	
	Through	862	2	323	130	992	367	126	998	2	369	130	1128	2	412	0	1128	2	412
	Through-Right		1							1				1				1	
	Right	108	0	108	0	108	108	0	109	0	109	0	109	0	109	0	109	0	109
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	90	1	90	0	90	90	0	91	1	91	0	91	1	91	0	91	1	91
	Left-Through		0							0				0				0	
	Through	763	2	301	47	810	316	94	866	2	341	47	913	2	356	0	913	2	356
	Through-Right		1							1				1				1	
	Right	139	0	139	0	139	139	15	156	0	156	0	156	0	156	0	156	0	156
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		730	North-South:		830	North-South:			859	North-South:			991	North-South:			991
		East-West:		413	East-West:		466	East-West:			460	East-West:			507	East-West:			507
		SUM:		1143	SUM:		1296	SUM:			1319	SUM:			1498	SUM:			1498
VOLUME/CAPACITY (V/C) RATIO:				0.802			0.909				0.926				1.051				1.051
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.702			0.809				0.826				0.951				0.951
LEVEL OF SERVICE (LOS):				C			D				D				E				E

PROJECT IMPACT

Change in v/c due to project: 0.125 | Δv/c after mitigation: 0.125

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	163	North-South Street:	I-10 WB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	20th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?					
Right Turns: FREE-1, NRTOR-2 or OLA-3?		2	0	2	0
ATSAC-1 or ATSAC+ATCS-2?					
Override Capacity					

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	44	1	44	0	44	44	0	45	1	45	0	45	1	45	0	45	1	45
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	209	1	209	0	209	209	72	284	1	284	0	284	1	284	0	284	1	284
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	27	0	90	0	27	90	0	27	1	91	0	27	1	91	0	27	1	91
	Through-Right		1							1				1				1	
	Right	63	0	0	0	63	0	0	64	0	0	0	64	0	0	0	64	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	643	1	643	111	754	754	141	792	1	792	112	904	1	904	0	904	1	904
	Left-Through		0							0				0				0	
	Through	39	1	39	0	39	39	0	39	1	39	0	39	1	39	0	39	1	39
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		209	North-South:		209	North-South:			284	North-South:			284	North-South:			284
		East-West:		733	East-West:		844	East-West:			883	East-West:			995	East-West:			995
		SUM:		942	SUM:		1053	SUM:			1167	SUM:			1279	SUM:			1279
VOLUME/CAPACITY (V/C) RATIO:				0.628			0.702				0.778				0.853				0.853
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.528			0.602				0.678				0.753				0.753
LEVEL OF SERVICE (LOS):				A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.075 | Δv/c after mitigation: 0.075

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	164	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	I-10 EB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?					
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?					
Override Capacity					

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1090	2	545	28	1118	559	125	1228	2	614	28	1256	2	628	0	1256	2	628
	Through-Right		0							0				0				0	
	Right	99	1	99	0	99	99	0	100	1	100	0	100	1	100	0	100	1	100
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	273	2	150	0	273	150	53	329	2	181	0	329	2	181	0	329	2	181
	Left-Through		0							0				0				0	
	Through	1007	2	504	0	1007	504	73	1092	2	546	0	1092	2	546	0	1092	2	546
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	370	1	370	82	452	452	89	463	1	463	82	545	1	545	0	545	1	545
	Left-Through		0							0				0				0	
	Through	35	0	380	0	35	380	0	35	0	426	0	35	0	426	0	35	0	426
	Through-Right		1							1				1				1	
	Right	345	0	0	0	345	0	42	391	0	0	0	391	0	0	0	391	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		695	North-South:		709	North-South:			795	North-South:			809	North-South:			809
		East-West:		380	East-West:		452	East-West:			463	East-West:			545	East-West:			545
		SUM:		1075	SUM:		1161	SUM:			1258	SUM:			1354	SUM:			1354
VOLUME/CAPACITY (V/C) RATIO:				0.754			0.815				0.883				0.950				0.950
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.654			0.715				0.783				0.850				0.850
LEVEL OF SERVICE (LOS):				B			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.067 | Δv/c after mitigation: 0.067

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	165	North-South Street:	I-10 EB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Hoover	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1169	2	462	23	1192	470	141	1324	2	515	23	1347	2	523	0	1347	2	523
	Through-Right		1							1				1				1	
	Right	218	0	218	0	218	218	0	221	0	221	0	221	0	221	0	221	0	221
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	202	1	202	0	202	202	10	214	1	214	0	214	1	214	0	214	1	214
	Left-Through		0							0				0				0	
	Through	1029	3	343	0	1029	343	111	1152	3	384	0	1152	3	384	0	1152	3	384
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	474	1	408	279	753	547	86	566	1	462	279	845	1	602	0	845	1	602
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	341	0	408	0	341	547	13	358	0	462	0	358	0	602	0	358	0	602
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		664	North-South:		672	North-South:			729	North-South:			737	North-South:			737
		East-West:		408	East-West:		547	East-West:			462	East-West:			602	East-West:			602
		SUM:		1072	SUM:		1219	SUM:			1191	SUM:			1339	SUM:			1339
VOLUME/CAPACITY (V/C) RATIO:				0.752			0.855				0.836				0.940				0.940
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.652			0.755				0.736				0.840				0.840
LEVEL OF SERVICE (LOS):				B			C				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.104 Δv/c after mitigation: 0.104

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	166	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	34	0	34	0	34	34	0	34	0	34	0	34	0	34	0	34	0	34
	Left-Through		1							1				1				1	
	Through	340	0	250	755	1095	627	184	528	0	378	755	1283	0	755	0	1283	0	755
	Through-Right		1							1				1				1	
	Right	23	0	250	0	23	627	0	23	0	378	0	23	0	755	0	23	0	755
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	48	0	48	0	48	48	5	54	0	54	0	54	0	54	0	54	0	54
	Left-Through		1							1				1				1	
	Through	782	0	451	0	782	547	232	1023	1	583	0	1023	0	691	0	1023	0	691
	Through-Right		1							1				1				1	
	Right	24	0	451	0	24	547	11	35	0	583	0	35	0	691	0	35	0	691
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	19	0	19	85	104	104	0	19	0	19	85	104	0	104	0	104	0	104
	Left-Through		1							1				1				1	
	Through	421	0	256	32	453	471	6	432	0	262	32	464	0	477	0	464	0	477
	Through-Right		1							1				1				1	
	Right	52	0	256	20	72	471	0	53	0	262	20	73	0	477	0	73	0	477
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
	Left-Through		1							1				1				1	
	Through	363	0	229	153	516	415	23	390	0	246	153	543	0	432	0	543	0	432
	Through-Right		1							1				1				1	
	Right	25	0	229	218	243	415	7	32	0	246	218	250	0	432	0	250	0	432
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		485	North-South:		675	North-South:			617	North-South:			809	North-South:			809
		East-West:		291	East-West:		519	East-West:			297	East-West:			536	East-West:			536
		SUM:		776	SUM:		1194	SUM:			914	SUM:			1345	SUM:			1345
VOLUME/CAPACITY (V/C) RATIO:				0.517			0.796				0.609				0.897				0.897
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.417			0.696				0.509				0.797				0.797
LEVEL OF SERVICE (LOS):				A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.288 Δv/c after mitigation: 0.288

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	167	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	24	1	24	10	34	34	14	38	1	38	10	48	1	48	0	48	1	48
	Left-Through		0							0				0				0	
	Through	457	1	246	131	588	311	120	583	1	309	131	714	1	374	0	714	1	374
	Through-Right		1							1				1				1	
	Right	34	0	34	0	34	34	0	34	0	34	0	34	0	34	0	34	0	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	669	1	349	0	669	349	122	799	1	416	0	799	1	416	0	799	1	416
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	4	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	21	0	21	0	21	21	0	21	0	21	0	21	0	21	0	21	0	21
	Left-Through		1							1				1				1	
	Through	373	0	247	20	393	284	7	384	1	255	21	405	0	293	0	405	1	293
	Through-Right		1							1				1				1	
	Right	79	0	247	12	91	284	4	84	0	255	12	96	0	293	0	96	0	293
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	79	0	79	55	134	134	0	80	0	80	55	135	0	135	0	135	0	135
	Left-Through		1							1				1				1	
	Through	355	0	274	361	716	510	11	370	0	283	361	731	0	518	0	731	0	518
	Through-Right		1							1				1				1	
	Right	35	0	274	0	35	510	0	35	0	283	0	35	0	518	0	35	0	518
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		373	North-South:		383	North-South:			454	North-South:			464	North-South:			464
		East-West:		326	East-West:		531	East-West:			335	East-West:			539	East-West:			539
		SUM:		699	SUM:		914	SUM:			789	SUM:			1003	SUM:			1003
VOLUME/CAPACITY (V/C) RATIO:				0.466			0.609				0.526				0.669				0.669
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.366			0.509				0.426				0.569				0.569
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.143 Δv/c after mitigation: 0.143

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	168	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	25	1	25	0	25	25	0	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	598	1	320	0	598	320	169	774	1	409	0	774	1	409	0	774	1	409
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	34	1	34	0	34	34	0	34	1	34	0	34	1	34	0	34	1	34
	Left-Through		0							0				0				0	
	Through	754	1	393	0	754	401	154	917	0	952	0	917	0	967	0	917	0	967
	Through-Right		1							1				1				1	
	Right	32	0	32	15	47	47	3	35	0	0	15	50	0	0	0	50	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	55	0	55	14	69	69	0	56	0	56	14	70	0	70	0	70	0	70
	Left-Through		1							1				1				1	
	Through	325	0	264	6	331	350	7	336	0	271	6	342	0	358	0	342	0	358
	Through-Right		1							1				1				1	
	Right	92	0	264	0	92	350	0	93	0	271	0	93	0	358	0	93	0	358
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	43	0	43	1	44	44	0	44	0	44	1	45	0	45	0	45	0	45
	Left-Through		1							1				1				1	
	Through	403	0	268	402	805	470	8	416	0	276	402	818	0	478	0	818	0	478
	Through-Right		1							1				1				1	
	Right	46	0	268	0	46	470	0	47	0	276	0	47	0	478	0	47	0	478
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		418	North-South:		426	North-South:			977	North-South:			992	North-South:			992
		East-West:		323	East-West:		539	East-West:			332	East-West:			548	East-West:			548
		SUM:		741	SUM:		965	SUM:			1309	SUM:			1540	SUM:			1540
VOLUME/CAPACITY (V/C) RATIO:				0.494			0.643				0.873				1.027				1.027
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.394			0.543				0.773				0.927				0.927
LEVEL OF SERVICE (LOS):				A			A				C				E				E

PROJECT IMPACT

Change in v/c due to project: 0.154 Δv/c after mitigation: 0.154

Significant impacted? YES Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	169	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	0 1	17	0	17	17	0	17	0 1	17	0	17	0 1	17	0	17	0 1	17
	Left-Through																		
	Through	206	0 1	144	0	206	144	43	251	0 1	167	0	251	0 1	167	0	251	0 1	167
	Through-Right																		
	Right	14	0	144	0	14	144	0	14	0	167	0	14	0	167	0	14	0	167
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	15	0 1	15	0	15	15	0	15	0 1	15	0	15	0 1	15	0	15	0 1	15
	Left-Through																		
	Through	616	0 1	335	0	616	335	31	654	0 1	354	0	654	0 1	354	0	654	0 1	354
	Through-Right																		
	Right	38	0	335	0	38	335	0	38	0	354	0	38	0	354	0	38	0	354
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through		1							1				1				1	
	Through	268	0	227	0	268	264	0	271	0	229	0	271	0	266	0	271	0	266
	Through-Right		1							1				1				1	
	Right	112	0	227	0	112	264	0	113	0	229	0	113	0	266	0	113	0	266
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	41	0	41	176	217	217	0	41	0	41	176	217	0	217	0	217	0	217
	Left-Through		1							1				1				1	
	Through	451	0	281	402	853	658	8	464	0	288	402	866	0	665	0	866	0	665
	Through-Right		1							1				1				1	
	Right	29	0	281	0	29	658	0	29	0	288	0	29	0	665	0	29	0	665
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		352	North-South:		352	North-South:			371	North-South:			371	North-South:			371
		East-West:		318	East-West:		695	East-West:			325	East-West:			702	East-West:			702
		SUM:		670	SUM:		1047	SUM:			696	SUM:			1073	SUM:			1073
VOLUME/CAPACITY (V/C) RATIO:				0.447			0.698				0.464				0.715				0.715
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.347			0.598				0.364				0.615				0.615
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.251 | Δv/c after mitigation: 0.251 | Significant impacted? NO | Fully mitigated? N/A

I/S #:	170	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	80	1	80	0	80	80	0	81	1	81	0	81	1	81	0	81	1	81
	Left-Through		0							0				0				0	
	Through	430	2	215	0	430	215	0	435	2	218	0	435	2	218	0	435	2	218
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	829	1	600	0	829	600	0	839	1	607	0	839	1	607	0	839	1	607
	Through-Right		1							1				1				1	
	Right	371	0	371	0	371	371	0	375	0	375	0	375	0	375	0	375	0	375
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	97	1	97	0	97	97	0	98	1	98	0	98	1	98	0	98	1	98
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	234	1	194	0	234	194	0	237	1	197	0	237	1	197	0	237	1	197
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	328	1	328	0	328	328	0	332	1	332	0	332	1	332	0	332	1	332
	Left-Through		0							0				0				0	
	Through	483	1	348	578	1061	638	8	497	1	356	578	1075	1	647	0	1075	1	647
	Through-Right		1							1				1				1	
	Right	212	0	212	3	215	215	0	215	0	215	3	218	0	218	0	218	0	218
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		680	North-South:		680	North-South:			688	North-South:			688	North-South:			688
		East-West:		522	East-West:		735	East-West:			529	East-West:			745	East-West:			745
		SUM:		1202	SUM:		1415	SUM:			1217	SUM:			1433	SUM:			1433
VOLUME/CAPACITY (V/C) RATIO:				0.801			0.943				0.811				0.955				0.955
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.701			0.843				0.711				0.855				0.855
LEVEL OF SERVICE (LOS):				C			D				C				D				D

PROJECT IMPACT

Change in v/c due to project: 0.144 | Δv/c after mitigation: 0.144 | Significant impacted? YES | Fully mitigated? NO

I/S #:	171	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	163	1	163	6	169	169	0	165	1	165	6	171	1	171	0	171	1	171
	Left-Through		0							0				0				0	
	Through	448	2	224	64	512	256	62	515	2	258	64	579	2	290	0	579	2	290
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	840	1	555	4	844	563	99	949	1	611	4	953	1	619	0	953	1	619
	Through-Right		1							1				1				1	
	Right	270	0	270	11	281	281	0	273	0	273	11	284	0	284	0	284	0	284
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	265	0	265	0	265	265	0	268	0	268	0	268	0	268	0	268	0	268
	Left-Through		1							1				1				1	
	Through	411	2	206	184	595	287	8	424	2	212	184	608	2	292	0	608	2	292
	Through-Right		0							0				0				0	
	Right	136	1	136	0	136	136	0	138	1	138	0	138	1	138	0	138	1	138
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		718	North-South:		732	North-South:			776	North-South:			790	North-South:			790
		East-West:		265	East-West:		287	East-West:			268	East-West:			292	East-West:			292
		SUM:		983	SUM:		1019	SUM:			1044	SUM:			1082	SUM:			1082
VOLUME/CAPACITY (V/C) RATIO:				0.690			0.715				0.733				0.759				0.759
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.590			0.615				0.633				0.659				0.659
LEVEL OF SERVICE (LOS):				A			B				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.026 | Δv/c after mitigation: 0.026 | Significant impacted? NO | Fully mitigated? N/A

I/S #:	172	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	73	1	73	27	100	100	0	74	1	74	27	101	1	101	0	101	1	101
	Left-Through		0							0				0				0	
	Through	675	1	371	58	733	400	198	881	1	475	58	939	1	504	0	939	1	504
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	43	1	43	0	43	43	26	70	1	70	0	70	1	70	0	70	1	70
	Left-Through		0							0				0				0	
	Through	674	1	363	1	675	365	229	911	1	484	1	912	1	486	0	912	1	486
	Through-Right		1							1				1				1	
	Right	51	0	51	3	54	54	4	56	0	56	3	59	0	59	0	59	0	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	86	1	86	0	86	86	8	95	1	95	0	95	1	95	0	95	1	95
	Left-Through		0							0				0				0	
	Through	908	1	502	0	908	514	68	987	1	542	0	987	1	554	0	987	1	554
	Through-Right		1							1				1				1	
	Right	95	0	95	24	119	119	0	96	0	96	24	120	0	120	0	120	0	120
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	174	1	174	0	174	174	0	176	1	176	0	176	1	176	0	176	1	176
	Left-Through		0							0				0				0	
	Through	991	1	548	39	1030	574	92	1095	1	607	39	1134	1	633	0	1134	1	633
	Through-Right		1							1				1				1	
	Right	105	0	105	12	117	117	13	119	0	119	12	131	0	131	0	131	0	131
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		436	North-South:		465	North-South:			558	North-South:			587	North-South:			587
		East-West:		676	East-West:		688	East-West:			718	East-West:			730	East-West:			730
		SUM:		1112	SUM:		1153	SUM:			1276	SUM:			1317	SUM:			1317
VOLUME/CAPACITY (V/C) RATIO:				0.809			0.839				0.928				0.958				0.958
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.709			0.739				0.828				0.858				0.858
LEVEL OF SERVICE (LOS):				C			C				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.030 | Δv/c after mitigation: 0.030 | Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	173	North-South Street:	Wilton Place (ext. of Arlington)	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	73	1	73	0	73	73	0	74	1	74	0	74	1	74	0	74	1	74
	Left-Through		0							0				0				0	
	Through	921	1	499	0	921	499	0	932	1	505	0	932	1	505	0	932	1	505
	Through-Right		1							1				1				1	
	Right	76	0	76	0	76	76	0	77	0	77	0	77	0	77	0	77	0	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	64	1	64	0	64	64	0	65	1	65	0	65	1	65	0	65	1	65
	Left-Through		0							0				0				0	
	Through	1108	1	620	0	1108	620	0	1121	1	628	0	1121	1	628	0	1121	1	628
	Through-Right		1							1				1				1	
	Right	132	0	132	0	132	132	0	134	0	134	0	134	0	134	0	134	0	134
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	188	1	188	0	188	188	0	190	1	**190**	0	190	1	190	0	190	1	190
	Left-Through		0							0				0				0	
	Through	1170	2	**407**	53	1223	**425**	87	1271	2	441	53	1324	2	**459**	0	1324	2	**459**
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	124	1	**124**	0	124	**124**	0	125	1	125	0	125	1	**125**	0	125	1	**125**
	Left-Through		0							0				0				0	
	Through	951	2	338	12	963	342	105	1067	2	**377**	13	1080	2	382	0	1080	2	382
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	0	65	0	65	0	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		693	North-South:		693	North-South:			702	North-South:			702	North-South:			702
		East-West:		531	East-West:		549	East-West:			567	East-West:			584	East-West:			584
		SUM:		1224	SUM:		1242	SUM:			1269	SUM:			1286	SUM:			1286
VOLUME/CAPACITY (V/C) RATIO:				0.816			0.828				0.846				0.857				0.857
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.746			0.758				0.746				0.757				0.757
LEVEL OF SERVICE (LOS):				C			C				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.011 | Δv/c after mitigation: 0.011 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	174	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	54	1	54	0	54	54	0	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	725	2	363	0	725	363	0	734	2	367	0	734	2	367	0	734	2	367
	Through-Right		1							1				1				1	
	Right	61	1	25	0	61	25	0	62	1	25	0	62	1	25	0	62	1	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	136	1	136	0	136	136	0	138	1	138	0	138	1	138	0	138	1	138
	Left-Through		0							0				0				0	
	Through	942	2	**471**	0	942	**471**	0	953	2	**477**	0	953	2	**477**	0	953	2	**477**
	Through-Right		0							0				0				0	
	Right	130	1	77	0	130	77	0	132	1	79	0	132	1	79	0	132	1	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	106	1	106	0	106	106	0	107	1	107	0	107	1	107	0	107	1	107
	Left-Through		0							0				0				0	
	Through	1494	3	**498**	178	1672	**557**	193	1705	3	**568**	178	1883	3	**628**	0	1883	3	**628**
	Through-Right		0							0				0				0	
	Right	128	1	101	0	128	101	0	130	1	103	0	130	1	103	0	130	1	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	73	1	**73**	0	73	**73**	0	74	1	**74**	0	74	1	**74**	0	74	1	**74**
	Left-Through		0							0				0				0	
	Through	1124	3	375	48	1172	391	185	1323	3	441	48	1371	3	457	0	1371	3	457
	Through-Right		0							0				0				0	
	Right	79	1	11	0	79	11	0	80	1	11	0	80	1	11	0	80	1	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		525	North-South:		525	North-South:			532	North-South:			532	North-South:			532
		East-West:		571	East-West:		630	East-West:			642	East-West:			702	East-West:			702
		SUM:		1096	SUM:		1155	SUM:			1174	SUM:			1234	SUM:			1234
VOLUME/CAPACITY (V/C) RATIO:				0.731			0.770				0.783				0.823				0.823
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.631			0.670				0.683				0.723				0.723
LEVEL OF SERVICE (LOS):				B			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.040 | Δv/c after mitigation: 0.040 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	175	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	100	1	**100**	0	100	**100**	0	101	1	**101**	0	101	1	**101**	0	101	1	**101**
	Left-Through		0							0				0				0	
	Through	782	2	391	0	782	391	0	791	2	396	0	791	2	396	0	791	2	396
	Through-Right		0							0				0				0	
	Right	57	1	37	0	57	37	0	58	1	38	0	58	1	38	0	58	1	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	117	1	117	0	117	117	0	118	1	118	0	118	1	118	0	118	1	118
	Left-Through		0							0				0				0	
	Through	992	2	**496**	0	992	**496**	0	1004	2	**502**	0	1004	2	**502**	0	1004	2	**502**
	Through-Right		0							0				0				0	
	Right	98	1	40	0	98	40	0	99	1	40	0	99	1	40	0	99	1	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	117	1	117	0	117	117	0	118	1	118	0	118	1	118	0	118	1	118
	Left-Through		0							0				0				0	
	Through	754	1	**413**	54	808	**440**	130	893	1	**483**	54	947	1	**510**	0	947	1	**510**
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	0	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	41	1	**41**	0	41	**41**	0	41	1	**41**	0	41	1	**41**	0	41	1	**41**
	Left-Through		0							0				0				0	
	Through	460	1	268	48	508	292	124	590	1	334	48	638	1	358	0	638	1	358
	Through-Right		1							1				1				1	
	Right	76	0	76	0	76	76	0	77	0	77	0	77	0	77	0	77	0	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		596	North-South:		596	North-South:			603	North-South:			603	North-South:			603
		East-West:		454	East-West:		481	East-West:			524	East-West:			551	East-West:			551
		SUM:		1050	SUM:		1077	SUM:			1127	SUM:			1154	SUM:			1154
VOLUME/CAPACITY (V/C) RATIO:				0.700			0.718				0.751				0.769				0.769
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.600			0.618				0.651				0.669				0.669
LEVEL OF SERVICE (LOS):				A			B				B				B				B

PROJECT IMPACT

Change in v/c due to project: 0.018 | Δv/c after mitigation: 0.018 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	176	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 2 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 0 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	5	0	**0**	-5	0	**0**	0	5	0	**0**	-5	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	868	1	461	0	868	461	0	878	1	466	0	878	1	466	0	878	1	466
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	0	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	6	0	0	-6	0	0	0	6	0	0	-6	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	935	1	**505**	0	935	**505**	0	946	1	**511**	0	946	1	**511**	0	946	1	**511**
	Through-Right		1							1				1				1	
	Right	74	0	74	0	74	74	0	75	0	75	0	75	0	75	0	75	0	75
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	1050	2	**525**	149	1199	**600**	61	1124	2	**562**	149	1273	2	**637**	0	1273	2	**637**
	Through-Right		0							0				0				0	
	Right	235	1	235	0	235	235	0	238	1	238	0	238	1	238	0	238	1	238
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	50	1	50	0	50	50	0	51	1	51	0	51	1	51	0	51	1	**51**
	Left-Through		0							0				0				0	
	Through	712	1	**381**	24	736	**393**	41	762	1	**407**	24	786	1	**419**	0	786	1	419
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		505	North-South:		505	North-South:			511	North-South:			511	North-South:			511
		East-West:		906	East-West:		993	East-West:			969	East-West:			1056	East-West:			1056
		SUM:		1411	SUM:		1498	SUM:			1480	SUM:			1567	SUM:			1567
VOLUME/CAPACITY (V/C) RATIO:				0.941			0.999				0.987				1.045				1.045
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.841			0.899				0.887				0.945				0.945
LEVEL OF SERVICE (LOS):				D			D				D				E				E

PROJECT IMPACT

Change in v/c due to project: 0.058 | Δv/c after mitigation: 0.058 | Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	177	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	5	0	0	-5	0	0	0	5	0	0	-5	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	781	1	467	0	781	467	0	790	1	472	0	790	1	472	0	790	1	472
	Through-Right		1							1				1				1	
	Right	152	0	152	0	152	152	0	154	0	154	0	154	0	154	0	154	0	154
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	4	0	0	-4	0	0	0	4	0	0	-4	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1274	1	662	0	1274	662	0	1289	1	670	0	1289	1	670	0	1289	1	670
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	63	1	63	0	63	63	0	64	1	64	0	64	1	64	0	64	1	64
	Left-Through		0							0				0				0	
	Through	685	1	391	139	824	460	147	840	1	469	139	979	1	538	0	979	1	538
	Through-Right		1							1				1				1	
	Right	96	0	96	0	96	96	0	97	0	97	0	97	0	97	0	97	0	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	98	1	98	0	98	98	0	99	1	99	0	99	1	99	0	99	1	99
	Left-Through		0							0				0				0	
	Through	550	2	202	47	597	218	116	673	2	243	47	720	2	259	0	720	2	259
	Through-Right		1							1				1				1	
	Right	56	0	56	0	56	56	0	57	0	57	0	57	0	57	0	57	0	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		662	North-South:		662	North-South:		670		North-South:		670		North-South:		670	
		East-West:		489	East-West:		558	East-West:		568		East-West:		637		East-West:		637	
		SUM:		1151	SUM:		1220	SUM:		1238		SUM:		1307		SUM:		1307	
VOLUME/CAPACITY (V/C) RATIO:				0.767			0.813			0.825				0.871				0.871	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.667			0.713			0.725				0.771				0.771	
LEVEL OF SERVICE (LOS):				B			C			C				C				C	

PROJECT IMPACT

Change in v/c due to project: 0.046 | Δv/c after mitigation: 0.046 | Significant impacted?: YES | Fully mitigated?: NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	178	North-South Street:	Crenshaw	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	451	1	317	0	451	320	0	456	1	320	0	456	1	323	0	456	1	323
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	499	1	157	9	508	160	0	505	1	158	9	514	1	161	0	514	1	161
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1152	2	546	44	1196	561	87	1253	2	627	44	1297	2	649	0	1297	2	649
	Through-Right		1							0				0				0	
	Right	486	0	486	0	486	486	0	492	1	332	0	492	1	331	0	492	1	331
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	321	1	321	0	321	321	0	325	1	325	0	325	1	325	0	325	1	325
	Left-Through		0							0				0				0	
	Through	864	3	288	12	876	292	105	979	2	490	13	992	1	992	0	992	1	992
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		317	North-South:		320	North-South:		320		North-South:		323		North-South:		323	
		East-West:		867	East-West:		882	East-West:		952		East-West:		992		East-West:		992	
		SUM:		1184	SUM:		1202	SUM:		1272		SUM:		1315		SUM:		1315	
VOLUME/CAPACITY (V/C) RATIO:				0.831			0.844			0.893				0.923				0.923	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.761			0.774			0.793				0.823				0.823	
LEVEL OF SERVICE (LOS):				C			C			C				D				D	

PROJECT IMPACT

Change in v/c due to project: 0.030 | Δv/c after mitigation: 0.030 | Significant impacted?: YES | Fully mitigated?: NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	179	North-South Street:	Crenshaw	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	85	1	85	0	85	85	0	86	1	86	0	86	1	86	0	86	1	86
	Left-Through		0							0				0				0	
	Through	889	1	528	9	898	548	0	900	1	534	9	909	1	554	0	909	1	554
	Through-Right		1							1				1				1	
	Right	166	0	166	31	197	197	0	168	0	168	31	199	0	199	0	199	0	199
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	90	1	90	0	90	90	0	91	1	91	0	91	1	91	0	91	1	91
	Left-Through		0							0				0				0	
	Through	855	2	428	0	855	428	0	865	2	433	0	865	2	433	0	865	2	433
	Through-Right		0							0				0				0	
	Right	74	1	22	0	74	22	0	75	1	22	0	75	1	22	0	75	1	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	105	1	105	0	105	105	0	106	1	106	0	106	1	106	0	106	1	106
	Left-Through		0							0				0				0	
	Through	1463	2	509	147	1610	558	193	1674	2	579	147	1821	2	628	0	1821	2	628
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	0	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	148	1	148	0	148	148	0	150	1	150	0	150	1	150	0	150	1	150
	Left-Through		0							0				0				0	
	Through	963	2	347	48	1011	363	185	1160	2	413	48	1208	2	429	0	1208	2	429
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	0	80	0	80	0	80	0	80	0	80	0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		618	North-South:		638	North-South:		625		North-South:		645		North-South:		645	
		East-West:		657	East-West:		706	East-West:		729		East-West:		778		East-West:		778	
		SUM:		1275	SUM:		1344	SUM:		1354		SUM:		1423		SUM:		1423	
VOLUME/CAPACITY (V/C) RATIO:				0.927			0.977			0.985				1.035				1.035	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.827			0.877			0.885				0.935				0.935	
LEVEL OF SERVICE (LOS):				D			D			D				E				E	

PROJECT IMPACT

Change in v/c due to project: 0.050 | Δv/c after mitigation: 0.050 | Significant impacted?: YES | Fully mitigated?: NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	180	North-South Street:	Crenshaw	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	197	1	197	0	197	197	0	199	1	199	0	199	1	199	0	199	1	199
	Left-Through		0							0				0				0	
	Through	1038	1	580	41	1079	605	0	1051	1	587	41	1092	1	612	0	1092	1	612
	Through-Right		1							1				1				1	
	Right	121	0	121	10	131	131	0	122	0	122	10	132	0	132	0	132	0	132
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	84	1	84	0	84	84	0	85	1	85	0	85	1	85	0	85	1	85
	Left-Through		0							0				0				0	
	Through	974	1	526	0	974	526	0	986	1	532	0	986	1	532	0	986	1	532
	Through-Right		1							1				1				1	
	Right	77	0	77	0	77	77	0	78	0	78	0	78	0	78	0	78	0	78
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	74	1	74	0	74	74	0	75	1	75	0	75	1	75	0	75	1	75
	Left-Through		0							0				0				0	
	Through	758	2	379	45	803	402	130	897	2	449	45	942	2	471	0	942	2	471
	Through-Right		0							0				0				0	
	Right	135	1	37	0	135	37	0	137	1	38	0	137	1	38	0	137	1	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	70	1	70	0	70	70	0	71	1	71	0	71	1	71	0	71	1	71
	Left-Through		0							0				0				0	
	Through	463	1	252	48	511	276	124	593	1	317	48	641	1	341	0	641	1	341
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	0	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		723	North-South:		723	North-South:		731		North-South:		731		North-South:		731	
		East-West:		449	East-West:		472	East-West:		520		East-West:		542		East-West:		542	
		SUM:		1172	SUM:		1195	SUM:		1251		SUM:		1273		SUM:		1273	
VOLUME/CAPACITY (V/C) RATIO:				0.822			0.839			0.878				0.893				0.893	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.722			0.739			0.778				0.793				0.793	
LEVEL OF SERVICE (LOS):				C			C			C				C				C	

PROJECT IMPACT

Change in v/c due to project: 0.015 | Δv/c after mitigation: 0.015 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	181	North-South Street:	Crenshaw	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases		3		3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2		2	
Override Capacity		0		0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	307	1	307	0	307	307	0	311	1	311	0	311	1	311	0	311	1	311
	Left-Through		0							0				0				0	
	Through	1089	1	584	50	1139	617	0	1102	1	591	50	1152	1	624	0	1152	1	624
	Through-Right		1							1				1				1	
	Right	78	0	78	16	94	94	0	79	0	79	16	95	0	95	0	95	0	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	80	1	80	0	80	80	0	81	1	81	0	81	1	81	0	81	1	81
	Left-Through		0							0				0				0	
	Through	987	2	494	0	987	494	0	999	2	500	0	999	2	500	0	999	2	500
	Through-Right		0							0				0				0	
	Right	66	1	0	0	66	0	0	67	1	0	0	67	1	0	0	67	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	133	1	133	0	133	133	0	135	1	135	0	135	1	135	0	135	1	135
	Left-Through		0							0				0				0	
	Through	1343	2	572	133	1476	616	61	1420	2	599	133	1553	2	643	0	1553	2	643
	Through-Right		1							1				1				1	
	Right	372	0	372	0	372	372	0	376	0	376	0	376	0	376	0	376	0	376
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	74	1	74	0	74	74	0	75	1	75	0	75	1	75	0	75	1	75
	Left-Through		0							0				0				0	
	Through	669	2	250	24	693	258	41	718	2	267	24	742	2	275	0	742	2	275
	Through-Right		1							1				1				1	
	Right	81	0	81	0	81	81	0	82	0	82	0	82	0	82	0	82	0	82
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		801	North-South:		801	North-South:			811	North-South:			811	North-South:			811
		East-West:		646	East-West:		690	East-West:			674	East-West:			718	East-West:			718
		SUM:		1447	SUM:		1491	SUM:			1485	SUM:			1529	SUM:			1529
VOLUME/CAPACITY (V/C) RATIO:				1.015			1.046				1.042				1.073				1.073
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.915			0.946				0.942				0.973				0.973
LEVEL OF SERVICE (LOS):				E			E				E				E				E

PROJECT IMPACT

Change in v/c due to project: 0.031 — Δv/c after mitigation: 0.031

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	182	North-South Street:	Crenshaw	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases		4		4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2		2	
Override Capacity		0		0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	148	1	148	0	148	148	0	150	1	150	0	150	1	150	0	150	1	150
	Left-Through		0							0				0				0	
	Through	1289	2	645	67	1356	678	0	1305	2	653	67	1372	2	686	0	1372	2	686
	Through-Right		1							1				1				1	
	Right	210	1	142	16	226	158	0	213	1	144	16	229	1	160	0	229	1	160
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	123	1	123	0	123	123	0	124	1	124	0	124	1	124	0	124	1	124
	Left-Through		0							0				0				0	
	Through	1248	2	624	0	1248	624	0	1263	2	632	0	1263	2	632	0	1263	2	632
	Through-Right		0							0				0				0	
	Right	88	1	49	0	88	49	0	89	1	50	0	89	1	50	0	89	1	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	78	1	78	0	78	78	0	79	1	79	0	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	736	2	368	123	859	430	147	892	2	446	123	1015	2	508	0	1015	2	508
	Through-Right		0							0				0				0	
	Right	180	1	106	0	180	106	0	182	1	107	0	182	1	107	0	182	1	107
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	137	1	137	0	137	137	0	139	1	139	0	139	1	139	0	139	1	139
	Left-Through		0							0				0				0	
	Through	513	2	208	47	560	224	116	635	2	249	47	682	2	265	0	682	2	265
	Through-Right		1							1				1				1	
	Right	111	0	111	0	111	111	0	112	0	112	0	112	0	112	0	112	0	112
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		772	North-South:		801	North-South:			782	North-South:			810	North-South:			810
		East-West:		505	East-West:		567	East-West:			585	East-West:			647	East-West:			647
		SUM:		1277	SUM:		1368	SUM:			1367	SUM:			1457	SUM:			1457
VOLUME/CAPACITY (V/C) RATIO:				0.929			0.995				0.994				1.060				1.060
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.829			0.895				0.894				0.960				0.960
LEVEL OF SERVICE (LOS):				D			D				D				E				E

PROJECT IMPACT

Change in v/c due to project: 0.066 — Δv/c after mitigation: 0.066

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	183	North-South Street:	San Vicente	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases		3		3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2		2	
Override Capacity		0		0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	1149	1	582	29	1178	596	0	1163	1	589	29	1192	1	603	0	1192	1	596
	Left-Through		0							0				0				1	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	596
	Through-Right		0							0				0				0	
	Right	14	0	582	0	14	596	0	14	0	589	0	14	0	603	0	14	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				0	
EASTBOUND	Left	46	1	46	0	46	46	0	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	811	2	275	97	908	307	61	882	2	298	97	979	2	331	0	979	2	331
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	0	13	0	13	0	13	0	13	0	13	0	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	550	3	183	24	574	191	41	598	3	199	24	622	3	207	0	622	3	207
	Through-Right		0							0				0				0	
	Right	473	1	182	0	473	175	0	479	1	185	0	479	1	178	0	479	1	181
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		592	North-South:		606	North-South:			599	North-South:			613	North-South:			606
		East-West:		275	East-West:		307	East-West:			298	East-West:			331	East-West:			331
		SUM:		867	SUM:		913	SUM:			897	SUM:			944	SUM:			937
VOLUME/CAPACITY (V/C) RATIO:				0.608			0.641				0.629				0.662				0.658
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.508			0.541				0.529				0.562				0.558
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.033 — Δv/c after mitigation: 0.029

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	184	North-South Street:	La Brea	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		NB--	SB--	EB--	WB--
No. of Phases		4		4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		2		2	
Override Capacity		0		0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	71	1	71	0	71	71	0	72	1	72	0	72	1	72	0	72	1	72
	Left-Through		0							0				0				0	
	Through	1294	2	443	6	1300	452	0	1310	2	449	6	1316	2	457	0	1316	2	457
	Through-Right		1							1				1				1	
	Right	36	0	36	20	56	56	0	36	0	36	20	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	161	1	161	20	181	181	0	163	1	163	20	183	1	183	0	183	1	183
	Left-Through		0							0				0				0	
	Through	1413	2	517	27	1440	526	0	1430	2	524	27	1457	2	533	0	1457	2	533
	Through-Right		1							1				1				1	
	Right	139	0	139	0	139	139	0	141	0	141	0	141	0	141	0	141	0	141
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	145	1	145	0	145	145	0	147	1	147	0	147	1	147	0	147	1	147
	Left-Through		0							0				0				0	
	Through	1554	2	548	94	1648	579	193	1766	2	619	94	1860	2	650	0	1860	2	650
	Through-Right		1							1				1				1	
	Right	90	0	90	0	90	90	0	91	0	91	0	91	0	91	0	91	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	71	1	71	0	71	71	0	72	1	72	0	72	1	72	0	72	1	72
	Left-Through		0							0				0				0	
	Through	897	2	337	48	945	353	185	1093	2	403	48	1141	2	419	0	1141	2	419
	Through-Right		1							1				1				1	
	Right	114	0	114	0	114	114	0	115	0	115	0	115	0	115	0	115	0	115
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		604	North-South:		633	North-South:			612	North-South:			640	North-South:			640
		East-West:		619	East-West:		650	East-West:			691	East-West:			722	East-West:			722
		SUM:		1223	SUM:		1283	SUM:			1303	SUM:			1362	SUM:			1362
VOLUME/CAPACITY (V/C) RATIO:				0.889			0.933				0.948				0.991				0.991
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.789			0.833				0.848				0.891				0.891
LEVEL OF SERVICE (LOS):				C			D				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.043 — Δv/c after mitigation: 0.043

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	La Brea	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
185	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4				4				4				4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	58	1	**58**	0	58	**58**	0	59	1	**59**	0	59	1	**59**	0	59	1	**59**
	Left-Through		0							0				0				0	
	Through	1525	2	534	32	1557	548	0	1543	2	541	32	1575	2	555	0	1575	2	555
	Through-Right		1							1				1				1	
	Right	78	0	78	10	88	88	0	79	0	79	10	89	0	89	0	89	0	89
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	1700	2	**643**	10	1710	**647**	0	1721	2	**651**	10	1731	2	**655**	0	1731	2	**655**
	Through-Right		1							1				1				1	
	Right	230	0	230	0	230	230	0	233	0	233	0	233	0	233	0	233	0	233
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	317	1	**317**	0	317	**317**	0	321	1	**321**	0	321	1	**321**	0	321	1	**321**
	Left-Through		0							0				0				0	
	Through	1028	2	378	86	1114	406	61	1101	2	402	86	1187	2	431	0	1187	2	431
	Through-Right		1							1				1				1	
	Right	105	0	105	0	105	105	0	106	0	106	0	106	0	106	0	106	0	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	121	1	121	0	121	121	0	122	1	122	0	122	1	122	0	122	1	122
	Left-Through		0							0				0				0	
	Through	578	2	**216**	24	602	**224**	41	626	2	**233**	24	650	2	**241**	0	650	2	**241**
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	0	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		701	North-South:		705	North-South:			710	North-South:			714	North-South:			714
		East-West:		533	East-West:		541	East-West:			554	East-West:			562	East-West:			562
		SUM:		1234	SUM:		1246	SUM:			1264	SUM:			1276	SUM:			1276
VOLUME/CAPACITY (v/c) RATIO:				0.897			0.906				0.919				0.928				0.928
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.797			0.806				0.819				0.828				0.828
LEVEL OF SERVICE (LOS):				C			D				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.009 — Δv/c after mitigation: 0.009

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	La Brea	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
186	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4				4				4				4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	105	1	**105**	0	105	105	0	106	1	**106**	0	106	1	106	0	106	1	106
	Left-Through		0							0				0				0	
	Through	1509	2	550	42	1551	**568**	0	1527	2	557	42	1569	2	**574**	0	1569	2	**574**
	Through-Right		1							1				1				1	
	Right	142	0	142	10	152	152	0	144	0	144	10	154	0	154	0	154	0	154
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	118	1	118	10	128	**128**	0	119	1	119	10	129	1	**129**	0	129	1	**129**
	Left-Through		0							0				0				0	
	Through	1688	2	**580**	0	1688	580	0	1708	2	**587**	0	1708	2	587	0	1708	2	587
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	0	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	114	1	114	0	114	114	0	115	1	115	0	115	1	115	0	115	1	115
	Left-Through		0							0				0				0	
	Through	668	2	**273**	95	763	**305**	147	823	2	**326**	95	918	2	**357**	0	918	2	**357**
	Through-Right		1							1				1				1	
	Right	152	0	152	0	152	152	0	154	0	154	0	154	0	154	0	154	0	154
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	142	1	**142**	0	142	**142**	0	144	1	**144**	0	144	1	**144**	0	144	1	**144**
	Left-Through		0							0				0				0	
	Through	406	2	162	47	453	177	116	527	2	202	47	574	2	218	0	574	2	218
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	0	80	0	80	0	80	0	80	0	80	0	80
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		685	North-South:		696	North-South:			693	North-South:			703	North-South:			703
		East-West:		415	East-West:		447	East-West:			470	East-West:			501	East-West:			501
		SUM:		1100	SUM:		1143	SUM:			1163	SUM:			1204	SUM:			1204
VOLUME/CAPACITY (v/c) RATIO:				0.800			0.831				0.846				0.876				0.876
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.700			0.731				0.746				0.776				0.776
LEVEL OF SERVICE (LOS):				C			C				C				C				C

PROJECT IMPACT

Change in v/c due to project: 0.030 — Δv/c after mitigation: 0.030

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Pre-Event Hour: (4:30-5:30 PM)

I/S #:	North-South Street:	Fairfax	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
187	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3				3				3				3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2				2				2		
Override Capacity			0			0			0				0				0				0		

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	26	1	**26**	0	26	**26**	0	26	1	**26**	0	26	1	**26**	0	26	1	**26**
	Left-Through		0							0				0				0	
	Through	548	1	301	6	554	313	0	555	1	305	6	561	1	317	0	561	1	317
	Through-Right		1							1				1				1	
	Right	53	0	53	19	72	72	0	54	0	54	19	73	0	73	0	73	0	73
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	13	13	0	0	0	0	0	13	13	0	0	0	13	0	0
	Left-Through		0							0				0				0	
	Through	861	1	**556**	7	868	**559**	0	871	1	**562**	7	878	1	**566**	0	878	1	**566**
	Through-Right		1							1				1				1	
	Right	250	0	250	0	250	250	0	253	0	253	0	253	0	253	0	253	0	253
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	108	1	108	0	108	108	0	109	1	109	0	109	1	109	0	109	1	109
	Left-Through		0							0				0				0	
	Through	1825	2	**616**	63	1888	**637**	193	2040	2	**687**	63	2103	2	**708**	0	2103	2	**708**
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	64	1	**64**	0	64	**64**	0	65	1	**65**	0	65	1	**65**	0	65	1	**65**
	Left-Through		0							0				0				0	
	Through	1099	2	369	48	1147	385	185	1297	2	435	49	1346	2	451	0	1346	2	451
	Through-Right		1							1				1				1	
	Right	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		582	North-South:		585	North-South:			588	North-South:			592	North-South:			592
		East-West:		680	East-West:		701	East-West:			752	East-West:			773	East-West:			773
		SUM:		1262	SUM:		1286	SUM:			1340	SUM:			1365	SUM:			1365
VOLUME/CAPACITY (v/c) RATIO:				0.886			0.902				0.940				0.958				0.958
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.786			0.802				0.840				0.858				0.858
LEVEL OF SERVICE (LOS):				C			D				D				D				D

PROJECT IMPACT

Change in v/c due to project: 0.018 — Δv/c after mitigation: 0.018

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
1	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2				2			2
Override Capacity				0			0			0			0			0				0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	27	0	**27**	128	155	**155**	0	27	0	**27**	128	155	0	**155**	0	155	0	**155**
	Left-Through		1							1				1				1	
	Through	10	1	10	274	284	**220**	12	22	1	22	274	296	1	226	0	296	1	226
	Through-Right		0							0				0				0	
	Right	45	1	16	54	99	70	0	46	1	17	109	155	1	126	0	155	1	126
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	0	9	0	9	**9**	0	9	0	9	0	9	0	9	0	9	0	9
	Left-Through		0							0				0				0	
	Through	2	0	**30**	0	2	31	0	2	0	**90**	0	2	0	**91**	0	2	0	**91**
	Through-Right		0							0				0				0	
	Right	19	0	0	1	20	0	60	79	0	0	1	80	0	0	0	80	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	137	1	**137**	70	207	**207**	69	208	1	**208**	70	278	1	**278**	0	278	1	**278**
	Left-Through		0							0				0				0	
	Through	388	3	129	0	388	129	195	588	3	196	0	588	3	196	0	588	3	196
	Through-Right		0							0				0				0	
	Right	23	1	10	0	23	23	0	23	1	10	0	23	1	23	0	23	1	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	29	1	29	0	29	29	0	29	1	29	0	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	403	2	**169**	259	662	**255**	256	664	2	**276**	259	923	2	**363**	199	1122	2	**429**
	Through-Right		1							1				1				1	
	Right	103	0	103	0	103	103	61	165	0	165	0	165	0	165	0	165	0	165
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		57	*North-South:*		229	*North-South:*			117	*North-South:*			246	*North-South:*			246
		East-West:		306	*East-West:*		462	*East-West:*			484	*East-West:*			641	*East-West:*			707
		SUM:		363	*SUM:*		691	*SUM:*			601	*SUM:*			887	*SUM:*			953
VOLUME/CAPACITY (*V/C*) RATIO:				0.255			0.485				0.422				0.622				0.669
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.155			0.385				0.322				0.522				0.569
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.200 — Δ*v/c* after mitigation: 0.247

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
2	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4			4			4			4			4			4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				1			1			1			1			1			1			1
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2				2			2
Override Capacity				0			0			0			0			0				0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	31	0	31	0	31	31	0	31	0	31	0	31	0	31	0	31	0	31
	Left-Through		1							1				1				1	
	Through	5	0	**36**	0	5	**36**	0	5	0	**36**	0	5	0	**36**	0	5	0	**36**
	Through-Right		0							0				0				0	
	Right	31	1	4	0	31	0	0	31	1	4	0	31	1	0	0	31	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	6	1	6	94	100	100	25	31	1	31	94	125	1	**125**	0	125	1	**125**
	Left-Through		0							0				0				0	
	Through	4	0	**48**	0	4	**124**	0	4	0	**49**	0	4	0	125	0	4	0	125
	Through-Right		0							1				1				1	
	Right	44	0	0	76	120	0	0	45	0	0	76	121	0	0	0	121	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	19	1	**19**	0	19	19	0	19	1	**19**	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	391	2	136	54	445	**154**	195	591	2	203	109	700	2	**239**	0	700	2	**239**
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	27	1	27	168	195	**195**	0	27	1	27	175	202	1	**202**	0	202	1	**202**
	Left-Through		0							0				0				0	
	Through	474	2	**166**	183	657	227	316	796	2	**293**	183	979	2	354	199	1178	2	420
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	58	82	0	82	0	82	0	82	0	82	0	82
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		84	*North-South:*		160	*North-South:*			85	*North-South:*			161	*North-South:*			161
		East-West:		185	*East-West:*		349	*East-West:*			312	*East-West:*			441	*East-West:*			441
		SUM:		269	*SUM:*		509	*SUM:*			397	*SUM:*			602	*SUM:*			602
VOLUME/CAPACITY (*V/C*) RATIO:				0.196			0.370				0.289				0.438				0.438
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.098			0.270				0.189				0.338				0.338
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.149 — Δ*v/c* after mitigation: 0.149

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
3	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0	EB--	3	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2				2			2
Override Capacity				0			0			0			0			0				0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	108	1	**108**	45	153	**153**	107	216	1	**216**	52	268	1	**268**	-268	0	1	**0**
	Left-Through		0							0				0				0	
	Through	308	4	77	32	340	85	402	714	4	179	68	782	4	196	-468	314	4	79
	Through-Right		0							0				0				0	
	Right	56	1	43	0	56	56	45	102	1	78	0	102	1	102	-102	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	85	1	**85**	92	177	**177**	22	108	1	**108**	92	200	1	**200**	0	200	1	**200**
	Left-Through		0							0				0				0	
	Through	227	3	76	56	283	94	160	390	3	130	111	501	3	167	137	638	3	213
	Through-Right		0							0				0				0	
	Right	98	1	0	0	98	0	38	137	1	0	0	137	1	0	-137	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	26	1	26	-26	0	0	22	48	1	48	-48	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	402	3	**134**	306	708	**236**	267	674	3	**225**	306	980	3	**327**	467	1447	3	**482**
	Through-Right		0							0				0				0	
	Right	42	1	42	66	108	108	52	95	1	95	66	161	1	161	0	161	1	161
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		108	*North-South:*		153	*North-South:*			216	*North-South:*			268	*North-South:*			79
		East-West:		219	*East-West:*		413	*East-West:*			333	*East-West:*			527	*East-West:*			682
		SUM:		327	*SUM:*		566	*SUM:*			549	*SUM:*			795	*SUM:*			761
VOLUME/CAPACITY (*V/C*) RATIO:				0.229			0.397				0.385				0.558				0.534
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.129			0.297				0.285				0.458				0.434
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.173 — Δ*v/c* after mitigation: 0.149

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
4	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2				2			2
Override Capacity				0			0			0			0			0				0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	20	0	20	2	22	22	15	35	0	35	2	37	0	37	-37	0	0	0
	Left-Through		1							1				1				1	
	Through	198	3	55	0	198	55	375	575	3	153	0	575	3	153	-385	190	3	48
	Through-Right		0							0				0				0	
	Right	167	1	**167**	162	329	**329**	48	217	1	**217**	162	379	1	**379**	144	523	1	**523**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	252	2	126	56	308	154	196	451	2	226	111	562	2	281	-17	545	2	273
	Through-Right		0							0				0				0	
	Right	22	1	22	0	22	22	10	32	1	32	0	32	1	32	52	84	1	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	15	1	15	0	15	15	7	22	1	22	0	22	1	22	-22	0	1	0
	Left-Through		0							0				0				0	
	Through	315	2	**158**	160	475	**238**	293	612	2	**306**	160	772	2	**386**	292	1064	2	**532**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		167	*North-South:*		329	*North-South:*			217	*North-South:*			379	*North-South:*			523
		East-West:		158	*East-West:*		238	*East-West:*			306	*East-West:*			386	*East-West:*			532
		SUM:		325	*SUM:*		567	*SUM:*			523	*SUM:*			765	*SUM:*			1055
VOLUME/CAPACITY (*V/C*) RATIO:				0.217			0.378				0.349				0.510				0.703
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.117			0.278				0.249				0.410				0.603
LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in *v/c* due to project: 0.161 — Δ*v/c* after mitigation: 0.354

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	5	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	1	29	0	29	29	46	75	1	75	0	75	1	75	0	75	1	75
	Left-Through		0							0				0				0	
	Through	193	4	48	24	217	54	194	389	4	97	24	413	4	103	241	654	4	164
	Through-Right		0							0				0				0	
	Right	111	1	111	11	122	122	61	173	1	173	11	184	1	184	0	184	1	184
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	179	1	112	35	214	141	204	385	1	222	35	420	1	279	-102	318	1	318
	Through-Right		1							1				1				1	
	Right	44	0	44	23	67	67	14	59	0	59	78	137	0	137	200	337	0	337
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	37	1	37	3	40	40	6	43	1	43	3	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	229	2	115	0	229	115	235	467	2	234	0	467	2	234	292	759	2	380
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		111	North-South:		122	North-South:			173	North-South:			184	North-South:			184
		East-West:		149	East-West:		181	East-West:			265	East-West:			325	East-West:			383
		SUM:		260	SUM:		303	SUM:			438	SUM:			509	SUM:			567
VOLUME/CAPACITY (V/C) RATIO:				0.173			0.202				0.292				0.339				0.378
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.087			0.102				0.192				0.239				0.278
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.047 | Δv/c after mitigation: 0.086
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	6	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	31	0	31	3	34	34	28	59	0	59	3	62	0	62	292	354	0	354
	Left-Through		1							1				1				1	
	Through	109	2	37	67	176	61	185	295	2	93	67	362	2	117	361	723	2	306
	Through-Right		1							1				1				1	
	Right	8	0	37	26	34	61	10	18	0	93	26	44	0	117	102	146	0	306
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	56	1	56	0	56	56	75	132	1	132	0	132	1	132	0	132	1	132
	Left-Through		0							0				0				0	
	Through	147	2	74	35	182	91	176	325	2	163	35	360	2	180	-102	258	2	129
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	219	1	116	0	219	116	213	435	1	237	0	435	1	237	0	435	1	237
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	25	38	0	38	0	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		37	North-South:		61	North-South:			93	North-South:			117	North-South:			354
		East-West:		172	East-West:		172	East-West:			369	East-West:			369	East-West:			369
		SUM:		209	SUM:		233	SUM:			462	SUM:			486	SUM:			723
VOLUME/CAPACITY (V/C) RATIO:				0.139			0.155				0.308				0.324				0.482
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.070			0.078				0.208				0.224				0.382
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.016 | Δv/c after mitigation: 0.174
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	7	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	10	1	10	0	10	10	37	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	44	1	25	36	80	50	79	124	1	93	36	160	1	118	0	160	1	118
	Through-Right		1							1				1				1	
	Right	5	0	5	14	19	19	57	62	0	62	14	76	0	76	0	76	0	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	13	16	16	4	7	1	7	13	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	69	2	35	334	403	202	159	229	2	115	334	563	2	282	0	563	2	282
	Through-Right		0							0				0				0	
	Right	40	1	32	0	40	26	43	83	1	65	0	83	1	59	0	83	1	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	16	1	16	13	29	29	20	36	1	36	13	49	1	49	0	49	1	49
	Left-Through		0							0				0				0	
	Through	120	1	65	31	151	89	132	253	1	149	31	284	1	173	0	284	1	173
	Through-Right		1							1				1				1	
	Right	10	0	10	17	27	27	34	44	0	44	17	61	0	61	0	61	0	61
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	3	1	3	0	3	3	75	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	174	1	93	0	174	93	157	333	1	177	0	333	1	177	0	333	1	177
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	9	21	0	21	0	21	0	21	0	21	0	21
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		45	North-South:		212	North-South:			162	North-South:			329	North-South:			329
		East-West:		109	East-West:		122	East-West:			227	East-West:			251	East-West:			251
		SUM:		154	SUM:		334	SUM:			389	SUM:			580	SUM:			580
VOLUME/CAPACITY (V/C) RATIO:				0.103			0.223				0.259				0.387				0.387
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.051			0.123				0.159				0.287				0.287
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.128 | Δv/c after mitigation: 0.128
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	8	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	11	1	11	0	11	11	30	41	1	41	0	41	1	41	0	41	1	41
	Left-Through		0							0				0				0	
	Through	100	1	52	0	100	52	53	154	1	79	0	154	1	79	0	154	0	158
	Through-Right		1							1				1				1	
	Right	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	1	9	0	9	9	10	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	107	1	71	14	121	78	79	187	0	240	14	201	0	254	0	201	0	254
	Through-Right		1							1				1				1	
	Right	34	0	34	0	34	34	19	53	0	0	0	53	0	0	0	53	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	28	1	28	0	28	28	40	68	1	68	0	68	1	68	0	68	1	68
	Left-Through		0							0				0				0	
	Through	95	1	55	48	143	87	132	228	1	132	48	276	1	164	0	276	1	164
	Through-Right		1							1				1				1	
	Right	14	0	14	16	30	30	21	35	0	35	16	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	4	1	4	0	4	4	0	4	1	4	0	4	1	4	0	4	1	4
	Left-Through		0							0				0				0	
	Through	145	1	81	0	145	81	193	340	1	180	0	340	1	180	0	340	1	180
	Through-Right		1							1				1				1	
	Right	16	0	16	0	16	16	3	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		82	North-South:		89	North-South:			281	North-South:			295	North-South:			295
		East-West:		109	East-West:		109	East-West:			248	East-West:			248	East-West:			248
		SUM:		191	SUM:		198	SUM:			529	SUM:			543	SUM:			543
VOLUME/CAPACITY (V/C) RATIO:				0.127			0.132				0.353				0.362				0.362
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.064			0.066				0.253				0.262				0.262
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.009 | Δv/c after mitigation: 0.009
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	9	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	14	1	14	0	14	14	2	16	1	16	0	16	1	16	0	16	1	16
	Left-Through		0							0				0				0	
	Through	78	2	39	23	101	51	159	238	2	119	23	261	2	131	0	261	2	131
	Through-Right		0							0				0				0	
	Right	4	1	1	0	4	1	1	5	1	0	0	5	1	0	0	5	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	4	1	4	0	4	4	5	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	79	2	40	0	79	40	146	226	1	**226**	0	226	1	**226**	0	226	1	**226**
	Through-Right		0							0				0				0	
	Right	68	1	**55**	0	68	**52**	88	157	1	121	0	157	1	118	0	157	1	118
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	27	1	**27**	6	33	**33**	46	73	1	**73**	6	79	1	**79**	0	79	1	**79**
	Left-Through		0							0				0				0	
	Through	63	1	40	41	104	61	96	160	1	89	41	201	1	110	0	201	1	110
	Through-Right		1							1				1				1	
	Right	17	0	17	1	18	18	0	17	0	17	1	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	6	1	6	0	6	6	7	13	1	13	0	13	1	13	0	13	1	13
	Left-Through		0							0				0				0	
	Through	78	1	**46**	0	78	**46**	107	186	1	**109**	0	186	1	**109**	0	186	1	**109**
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	18	31	0	31	0	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		69	*North-South:*		66	*North-South:*			242	*North-South:*			242	*North-South:*			242
		East-West:		73	*East-West:*		79	*East-West:*			182	*East-West:*			188	*East-West:*			188
		SUM:		142	*SUM:*		145	*SUM:*			424	*SUM:*			430	*SUM:*			430
VOLUME/CAPACITY (*V/C*) RATIO:				0.100			0.102				0.298				0.302				0.302
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.050			0.051				0.198				0.202				0.202
LEVEL OF SERVICE (LOS):				A			A				A				A				A

No. of Phases			3			3			3				3				3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2				2				2				2
Override Capacity				0			0				0				0				0

PROJECT IMPACT

Change in *v/c* due to project: 0.004 — *Δv/c* after mitigation: 0.004

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	10	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	41	1	**41**	0	41	**41**	2	43	1	**43**	0	43	1	**43**	0	43	1	**43**
	Left-Through		0							0				0				0	
	Through	34	1	18	0	34	18	14	48	1	25	0	48	1	25	0	48	1	25
	Through-Right		1							1				1				1	
	Right	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	2	1	2	0	2	2	0	2	1	2	0	2	1	2	0	2	1	2
	Left-Through		0							0				0				0	
	Through	55	1	**48**	0	55	**48**	13	69	1	**55**	0	69	1	**55**	0	69	1	**55**
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	10	1	**10**	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	46	1	33	41	87	**54**	97	144	1	**87**	41	185	1	**108**	0	185	1	**108**
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	10	30	0	30	0	30	0	30	0	30	0	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	1	0	0	0	**0**	0	0	1	**0**	0	0	1	**0**	0	0	1	**0**
	Left-Through		0							0				0				0	
	Through	52	1	**27**	0	52	27	84	137	1	70	0	137	1	70	0	137	1	70
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		89	*North-South:*		89	*North-South:*			98	*North-South:*			98	*North-South:*			98
		East-West:		37	*East-West:*		54	*East-West:*			87	*East-West:*			108	*East-West:*			108
		SUM:		126	*SUM:*		143	*SUM:*			185	*SUM:*			206	*SUM:*			206
VOLUME/CAPACITY (*V/C*) RATIO:				0.084			0.095				0.123				0.137				0.137
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.042			0.048				0.062				0.069				0.069
LEVEL OF SERVICE (LOS):				A			A				A				A				A

No. of Phases			2			2			2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2				2				2				2
Override Capacity				0			0				0				0				0

PROJECT IMPACT

Change in *v/c* due to project: 0.007 — *Δv/c* after mitigation: 0.007

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	11	North-South Street:	Santee	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	3	0	4	0	3	4	0	3	0	4	0	3	0	4	0	3	0	4
	Through-Right		0							0				0				0	
	Right	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	1	1	0	1	0	1	0	1	0	1	0	1
	Left-Through		0							0				0				0	
	Through	0	0	**16**	0	0	**16**	0	0	0	**17**	0	0	0	**17**	0	0	0	**17**
	Through-Right		0							0				0				0	
	Right	16	0	0	0	16	0	0	16	0	0	0	16	0	0	0	16	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	42	1	**23**	41	83	**44**	97	140	1	**72**	41	181	1	**93**	0	181	1	**93**
	Through-Right		1							1				1				1	
	Right	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	1	**0**	0	0	**0**	0	0	1	**0**	0	0	1	**0**	0	0	1	**0**
	Left-Through		0							0				0				0	
	Through	38	1	20	0	38	20	84	122	1	62	0	122	1	62	0	122	1	62
	Through-Right		1							1				1				1	
	Right	1	0	1	0	1	1	1	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		16	*North-South:*		16	*North-South:*			17	*North-South:*			17	*North-South:*			17
		East-West:		23	*East-West:*		44	*East-West:*			72	*East-West:*			93	*East-West:*			93
		SUM:		39	*SUM:*		60	*SUM:*			89	*SUM:*			110	*SUM:*			110
VOLUME/CAPACITY (*V/C*) RATIO:				0.026			0.040				0.059				0.073				0.073
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.013			0.020				0.030				0.037				0.037
LEVEL OF SERVICE (LOS):				A			A				A				A				A

No. of Phases			2			2			2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2				2				2				2
Override Capacity				0			0				0				0				0

PROJECT IMPACT

Change in *v/c* due to project: 0.007 — *Δv/c* after mitigation: 0.007

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	12	North-South Street:	Maple	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	5	1	**5**	0	5	**5**	4	9	1	**9**	0	9	1	**9**	0	9	1	**9**
	Left-Through		0							0				0				0	
	Through	37	0	39	0	37	39	4	41	0	43	0	41	0	43	0	41	0	43
	Through-Right		1							1				1				1	
	Right	2	0	0	0	2	0	0	2	0	0	0	2	0	0	0	2	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	2	1	2	0	2	2	0	2	1	2	0	2	1	2	0	2	1	2
	Left-Through		0							0				0				0	
	Through	21	0	**36**	0	21	**36**	0	21	0	**36**	0	21	0	**36**	0	21	0	**36**
	Through-Right		1							1				1				1	
	Right	15	0	0	0	15	0	0	15	0	0	0	15	0	0	0	15	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	6	1	6	1	7	7	0	6	1	6	1	7	1	7	0	7	1	7
	Left-Through		0							0				0				0	
	Through	32	0	**32**	40	72	**72**	96	128	0	**128**	40	168	1	**168**	0	168	1	**168**
	Through-Right		0							0				0				0	
	Right	5	1	3	0	5	3	3	8	1	4	0	8	1	4	0	8	1	4
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	1	1	**1**	0	1	**1**	0	1	1	**1**	0	1	1	**1**	0	1	1	**1**
	Left-Through		0							0				0				0	
	Through	19	0	19	0	19	19	81	100	0	100	0	100	0	100	0	100	0	100
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		41	*North-South:*		41	*North-South:*			45	*North-South:*			45	*North-South:*			45
		East-West:		33	*East-West:*		73	*East-West:*			129	*East-West:*			169	*East-West:*			169
		SUM:		74	*SUM:*		114	*SUM:*			174	*SUM:*			214	*SUM:*			214
VOLUME/CAPACITY (*V/C*) RATIO:				0.049			0.076				0.116				0.143				0.143
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.025			0.038				0.058				0.071				0.071
LEVEL OF SERVICE (LOS):				A			A				A				A				A

No. of Phases			2			2			2				2				2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0				0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2				2				2				2
Override Capacity				0			0				0				0				0

PROJECT IMPACT

Change in *v/c* due to project: 0.013 — *Δv/c* after mitigation: 0.013

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Maple	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
13	East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	31	0	39	0	31	40	4	35	0	43	0	35	0	44	0	35	0	44
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	5	0	0	1	6	0	0	5	0	0	1	6	0	0	0	6	0	0
NORTHBOUND Left-Through-Right		1							1				1				1	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	16	0	19	0	16	19	0	16	0	19	0	16	0	19	0	16	0	19
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	2	0	0	0	2	0	0	2	0	0	0	2	0	0	0	2	0	0
SOUTHBOUND Left-Through-Right		1							1				1				1	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	131	0	71	27	158	85	134	267	0	139	27	294	0	153	0	294	0	153
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	7	0	71	0	7	85	0	7	0	139	0	7	0	153	0	7	0	153
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	13	0	13	0	13	13	0	13	0	13	0	13	0	13	0	13	0	13
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	43	0	33	0	43	33	0	44	0	33	0	44	0	40	0	44	0	40
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	9	0	33	0	9	33	0	9	0	33	0	9	0	40	0	9	0	40
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		40			41				44				45				45
	East-West:		84			98				152				166				166
	SUM:		124			139				196				211				211
VOLUME/CAPACITY (V/C) RATIO:			0.083			0.093				0.131				0.141				0.141
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.041			0.046				0.065				0.070				0.070
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.005 | Δv/c after mitigation: 0.005

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
14	East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	119	1	69	0	119	88	6	126	1	72	0	126	1	92	0	126	1	92
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	18	0	18	39	57	57	0	18	0	18	39	57	0	57	0	57	0	57
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	102	1	54	0	102	54	0	103	1	55	0	103	1	55	0	103	1	55
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	9	0	9	0	9	9	1	10	0	10	0	10	0	10	0	10	0	10
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	129	0	75	28	157	89	128	259	0	144	28	287	0	158	0	287	0	158
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	12	0	75	0	12	89	6	18	0	144	0	18	0	158	0	18	0	158
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	13	0	13	0	13	13	0	13	0	13	0	13	0	13	0	13	0	13
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	73	0	56	0	73	56	0	74	0	57	0	74	0	64	0	74	0	64
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	25	0	56	0	25	56	2	27	0	57	0	27	0	64	0	27	0	64
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		72			91				75				95				95
	East-West:		88			102				157				171				171
	SUM:		160			193				232				266				266
VOLUME/CAPACITY (V/C) RATIO:			0.107			0.129				0.155				0.177				0.177
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.053			0.064				0.077				0.089				0.089
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.012 | Δv/c after mitigation: 0.012

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
15	East-West Street:	Chick Hearn Ct	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	72	1	72	861	933	933	0	73	1	73	861	934	1	934	0	934	1	934
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	130	2	51	927	1057	352	3	135	2	58	927	1062	2	354	0	1062	2	354
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	24	0	24	-24	0	0	14	38	0	38	-38	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	46	0	46	0	46	46	0	47	0	47	0	47	0	47	0	47	0	47
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	7	0	15	-7	0	0	41	48	0	52	-48	0	0	0	0	0	0	0
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	8	0	0	-8	0	0	0	8	0	52	-8	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	6	1	6	-6	0	0	0	6	1	6	-6	0	1	0	0	0	1	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	53	2	27	275	328	164	89	143	2	72	185	328	2	164	0	328	2	164
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	28	1	28	0	28	28	8	36	1	36	0	36	1	36	0	36	1	36
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		72			933				73				934				934
	East-West:		74			210				119				211				211
	SUM:		146			1143				192				1145				1145
VOLUME/CAPACITY (V/C) RATIO:			0.097			0.762				0.128				0.763				0.763
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.049			0.662				0.064				0.663				0.663
LEVEL OF SERVICE (LOS):			A			B				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.599 | Δv/c after mitigation: 0.599

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
16	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 3 WB-- 3 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	26	1	26	-26	0	0	43	69	1	69	-69	0	1	0	0	0	1	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	375	3	95	82	457	116	506	886	3	223	125	1011	3	254	-701	310	3	78
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	6	0	6	0	6	6	0	6	0	6	0	6	0	6	-6	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	1	1	1	0	1	1	0	1	1	1	0	1	1	1	-1	0	1	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	69	1	59	0	69	35	60	130	1	90	0	130	1	65	-130	0	1	0
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	49	0	49	-49	0	0	0	50	0	50	-50	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	21	2	12	-21	0	0	0	21	2	12	-21	0	2	0	0	0	2	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	12	1	12	-12	0	0	0	12	1	12	-12	0	1	0	0	0	1	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	21	1	0	-21	0	0	55	76	1	7	-76	0	1	0	0	0	1	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	21	1	21	0	21	21	0	21	1	21	0	21	1	21	-21	0	1	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	45	2	23	-45	0	0	67	113	2	57	-113	0	2	0	0	0	2	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	69	1	68	19	88	87	48	118	1	117	19	137	1	136	-137	0	1	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		96			117				224				255				78
	East-West:		80			87				129				136				0
	SUM:		176			204				353				391				78
VOLUME/CAPACITY (V/C) RATIO:			0.128			0.148				0.257				0.284				0.057
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.064			0.074				0.157				0.184				0.028
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.027 | Δv/c after mitigation: -0.129

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
17	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3				3				3				3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0				0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2				2				2				2	
Override Capacity				0			0			0				0				0				0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	175	3	58	115	290	**97**	382	559	3	**186**	115	674	3	**225**	-393	281	3	**94**
	Through-Right		0							0				0				0	
	Right	76	1	**76**	0	76	76	10	87	1	87	0	87	1	87	-87	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	18	1	18	-18	0	0	0	18	1	**18**	-18	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	8	1	8	0	8	8	147	155	1	**155**	0	155	1	**155**	-155	0	1	**0**
	Left-Through		0							0				0				0	
	Through	62	2	**31**	-45	17	**9**	105	168	2	84	-113	55	2	28	-55	0	2	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		76	North-South:		97	North-South:			186	North-South:			225	North-South:			94
		East-West:		31	East-West:		9	East-West:			173	East-West:			155	East-West:			0
		SUM:		107	SUM:		106	SUM:			359	SUM:			380	SUM:			94
VOLUME/CAPACITY (V/C) RATIO:				0.075			0.074				0.252				0.267				0.066
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.038**			**0.037**				**0.152**				**0.167**				**0.033**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.015 — Δv/c after mitigation: -0.119

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
18	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2				2				2				2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0				0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2				2				2				2	
Override Capacity				0			0			0				0				0				0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	239	3	**77**	58	297	**91**	197	439	3	**131**	113	552	3	**159**	441	993	3	**270**
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	16	85	0	85	0	85	0	85	0	85	0	85
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	26	1	26	125	151	**151**	131	157	1	157	193	350	1	**350**	176	526	1	**526**
	Left-Through		0							0				0				0	
	Through	58	2	**29**	-45	13	7	275	334	2	**167**	-113	221	2	111	-176	45	2	23
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		77	North-South:		91	North-South:			131	North-South:			159	North-South:			270
		East-West:		29	East-West:		151	East-West:			167	East-West:			350	East-West:			526
		SUM:		106	SUM:		242	SUM:			298	SUM:			509	SUM:			796
VOLUME/CAPACITY (V/C) RATIO:				0.071			0.161				0.199				0.339				0.531
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.035**			**0.081**				**0.099**				**0.239**				**0.431**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.140 — Δv/c after mitigation: 0.332

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
19	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2				2				2				2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0				0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2				2				2				2	
Override Capacity				0			0			0				0				0				0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	18	0	18	132	150	**150**	204	222	0	**222**	132	354	0	**354**	0	354	0	**354**
	Left-Through		1							1				1				1	
	Through	141	3	**40**	56	197	66	223	366	3	122	56	422	3	141	755	1177	3	383
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	92	2	**46**	0	92	**46**	142	235	2	**118**	0	235	2	**118**	0	235	2	**118**
	Through-Right		0							0				0				0	
	Right	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		40	North-South:		150	North-South:			222	North-South:			354	North-South:			383
		East-West:		46	East-West:		46	East-West:			118	East-West:			118	East-West:			118
		SUM:		86	SUM:		196	SUM:			340	SUM:			472	SUM:			501
VOLUME/CAPACITY (V/C) RATIO:				0.057			0.131				0.227				0.315				0.334
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.029**			**0.065**				**0.127**				**0.215**				**0.234**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.088 — Δv/c after mitigation: 0.107

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
20	East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3				3				3				3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0				0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2				2				2				2	
Override Capacity				0			0			0				0				0				0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	317	3	**81**	0	317	**81**	359	680	3	**177**	0	680	3	**177**	-650	30	3	**8**
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	21	29	0	29	0	29	0	29	-29	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	2	1	**2**	0	2	**2**	7	9	1	**9**	0	9	1	**9**	-9	0	1	**0**
	Left-Through		0							0				0				0	
	Through	114	2	57	-21	93	47	74	189	2	95	-76	113	2	57	-94	19	2	10
	Through-Right		0							0				0				0	
	Right	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	1	**0**	0	0	**0**	0	0	1	**0**	0	0	1	0	0	0	1	**0**
	Left-Through		0							0				0				0	
	Through	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Through-Right		0							0				0				0	
	Right	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	4	1	4	0	4	4	0	4	1	4	0	4	1	4	-4	0	1	0
	Left-Through		0							0				0				0	
	Through	0	0	**13**	0	0	**13**	0	0	0	**13**	0	0	0	**13**	0	0	0	**13**
	Through-Right		1							1				1				1	
	Right	13	0	0	0	13	0	0	13	0	0	0	13	0	0	0	13	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		83	North-South:		83	North-South:			186	North-South:			186	North-South:			10
		East-West:		13	East-West:		13	East-West:			13	East-West:			13	East-West:			13
		SUM:		96	SUM:		96	SUM:			199	SUM:			199	SUM:			23
VOLUME/CAPACITY (V/C) RATIO:				0.067			0.067				0.140				0.140				0.016
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.034**			**0.034**				**0.070**				**0.070**				**0.008**
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: -0.062

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
21	East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	1	23	26	49	49	118	141	1	141	26	167	1	167	-167	0	1	0
	Left-Through		0							0				0				0	
	Through	163	2	**60**	65	228	**82**	381	546	2	**188**	65	611	2	**209**	-428	183	2	**61**
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	0	17	0	17	0	17	0	17	-17	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	6	1	**5**	0	6	**5**	27	33	1	**18**	0	33	1	**18**	-33	0	1	**0**
	Through-Right		1							1				1				1	
	Right	3	0	3	0	3	3	0	3	0	3	0	3	0	3	-3	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		60	*North-South:*		82	*North-South:*			188	*North-South:*			209	*North-South:*			61
		East-West:		5	*East-West:*		5	*East-West:*			18	*East-West:*			18	*East-West:*			0
		SUM:		65	*SUM:*		87	*SUM:*			206	*SUM:*			227	*SUM:*			61
VOLUME/CAPACITY (*V/C*) RATIO:				0.043			0.058				0.137				0.151				0.041
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.022			0.029				0.069				0.076				0.020
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.007 — *Δv/c* after mitigation: -0.049

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
22	East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	0	29	27	56	56	26	55	0	55	27	82	0	82	141	223	0	223
	Left-Through		1							1				1				1	
	Through	237	3	**67**	615	852	**227**	313	553	3	**152**	738	1291	3	**343**	476	1767	3	**498**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	33	1	33	0	33	33	176	209	1	**148**	0	209	1	**185**	-141	68	1	**68**
	Through-Right		1							1				1				1	
	Right	51	0	**51**	74	125	**125**	34	86	0	86	74	160	0	160	0	160	0	160
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		67	*North-South:*		227	*North-South:*			152	*North-South:*			343	*North-South:*			498
		East-West:		51	*East-West:*		125	*East-West:*			148	*East-West:*			185	*East-West:*			160
		SUM:		118	*SUM:*		352	*SUM:*			300	*SUM:*			528	*SUM:*			658
VOLUME/CAPACITY (*V/C*) RATIO:				0.079			0.235				0.200				0.352				0.439
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.039			0.135				0.100				0.252				0.339
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.152 — *Δv/c* after mitigation: 0.239

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
23	East-West Street:	12th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	131	3	**44**	67	198	**66**	341	474	3	**158**	67	541	3	**180**	755	1296	3	**432**
	Through-Right		0							0				0				0	
	Right	1	1	1	4	5	5	0	1	1	1	4	5	1	5	0	5	1	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	26	0	26	0	26	26	99	125	0	125	0	125	0	125	0	125	0	125
	Left-Through		1							1				1				1	
	Through	34	1	**30**	28	62	**44**	103	137	1	**131**	28	165	1	**145**	0	165	1	**145**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		44	*North-South:*		66	*North-South:*			158	*North-South:*			180	*North-South:*			432
		East-West:		30	*East-West:*		44	*East-West:*			131	*East-West:*			145	*East-West:*			145
		SUM:		74	*SUM:*		110	*SUM:*			289	*SUM:*			325	*SUM:*			577
VOLUME/CAPACITY (*V/C*) RATIO:				0.049			0.073				0.193				0.217				0.385
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.025			0.037				0.096				0.117				0.285
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.021 — *Δv/c* after mitigation: 0.189

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
24	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			1			1			1			1			1			1			1		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	383	2	**211**	68	451	**248**	1	389	2	**214**	68	457	2	**251**	0	457	2	**251**
	Left-Through		0							0				0				0	
	Through	123	2	62	229	352	176	17	141	2	71	229	370	2	185	0	370	2	185
	Through-Right		0							0				0				0	
	Right	49	1	49	73	122	122	34	84	1	84	73	157	1	157	0	157	1	157
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	2	**6**	-11	0	0	0	11	2	**6**	-11	0	2	0	0	0	2	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	5	2	0	-5	0	0	0	5	2	0	-5	0	2	0	0	0	2	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	69	1	**69**	-69	0	0	0	70	1	**70**	-70	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	170	3	57	420	590	**197**	78	250	3	83	420	670	3	**223**	0	670	3	**223**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	82	2	**41**	5	87	44	76	159	2	**80**	5	164	2	82	-164	0	2	0
	Through-Right		0							0				0				0	
	Right	33	1	30	-33	0	0	0	33	1	30	-33	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		*North-South:*		217	*North-South:*		248	*North-South:*			220	*North-South:*			251	*North-South:*			251
		East-West:		110	*East-West:*		197	*East-West:*			150	*East-West:*			223	*East-West:*			223
		SUM:		327	*SUM:*		445	*SUM:*			370	*SUM:*			474	*SUM:*			474
VOLUME/CAPACITY (*V/C*) RATIO:				0.229			0.312				0.260				0.333				0.333
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.129			0.212				0.160				0.233				0.233
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.073 — *Δv/c* after mitigation: 0.073

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	LA Live Way	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
25	East-West Street:	Bond	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			2			2			2			2			2			2			2		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2	EB-- 0 WB--		2
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	554	3	185	0	554	185	51	612	3	204	0	612	3	204	0	612	3	204
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	254	254	254	0	0	0	0	254	254	0	254	0	254	0	254
	Left-Through		1							1				1				1	
	Through	1	0	1	0	1	255	0	1	0	1	0	1	0	255	0	1	0	255
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	58	0	0	0	0	0	0	0	58	0	0	0	58
	Through-Right		1							1				1				1	
	Right	0	1	0	116	116	0	0	0	1	0	116	116	1	0	0	116	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		185	North-South:		185	North-South:			204	North-South:			204	North-South:			204
		East-West:		1	East-West:		313	East-West:			1	East-West:			313	East-West:			313
		SUM:		186	SUM:		498	SUM:			205	SUM:			517	SUM:			517
VOLUME/CAPACITY (V/C) RATIO:				0.131			0.349				0.144				0.363				0.350
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.065			0.249				0.072				0.263				0.263
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.191 Δv/c after mitigation: 0.191

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
26	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3	NB-- 0 SB--		3
	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	23	1	23	0	23	23	4	27	1	27	0	27	1	27	-27	0	1	0
	Left-Through		0							0				0				0	
	Through	343	3	92	0	343	104	327	674	3	177	0	674	3	189	-579	95	3	32
	Through-Right		1							1				1				1	
	Right	23	0	23	48	71	71	10	33	0	33	48	81	0	81	132	213	0	213
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	10	1	10	0	10	10	3	13	1	13	0	13	1	13	-13	0	1	0
	Left-Through		0							0				0				0	
	Through	107	2	54	-21	86	43	24	132	2	66	-76	56	2	28	-56	0	2	0
	Through-Right		0							0				0				0	
	Right	9	1	0	0	9	0	22	31	1	0	0	31	1	0	-31	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	35	1	35	0	35	35	48	83	1	83	0	83	1	83	-83	0	1	0
	Left-Through		0							0				0				0	
	Through	143	2	72	378	521	261	57	202	2	101	378	580	2	290	83	663	2	332
	Through-Right		0							0				0				0	
	Right	57	1	34	116	173	150	8	66	1	39	116	182	1	155	0	182	1	182
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	26	1	26	19	45	45	18	44	1	44	19	63	1	63	-63	0	1	0
	Left-Through		0							0				0				0	
	Through	88	2	44	-28	60	30	51	140	2	70	-28	112	2	56	-112	0	2	0
	Through-Right		0							0				0				0	
	Right	35	1	30	0	35	30	4	39	1	33	0	39	1	33	-39	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		102	North-South:		114	North-South:			190	North-South:			202	North-South:			213
		East-West:		98	East-West:		306	East-West:			153	East-West:			353	East-West:			332
		SUM:		200	SUM:		420	SUM:			343	SUM:			555	SUM:			545
VOLUME/CAPACITY (V/C) RATIO:				0.145			0.305				0.249				0.404				0.396
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.073			0.205				0.149				0.304				0.296
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.155 Δv/c after mitigation: 0.147

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
27	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	8	8	0	0	0	8	0	0	-8	0	0	0
	Left-Through		0							0				0				0	
	Through	155	2	64	65	220	86	367	524	2	194	65	589	2	215	-402	187	2	62
	Through-Right		1							1				1				1	
	Right	37	0	37	0	37	37	20	57	0	57	0	57	0	57	-57	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	138	1	91	204	342	315	77	217	1	132	204	421	1	356	215	636	1	463
	Through-Right		1							1				1				1	
	Right	44	0	44	243	287	287	2	47	0	47	243	290	0	290	0	290	0	290
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	7	0	7	0	7	7	-7	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		1							0				0				0	
	Through	111	1	59	-18	93	61	88	200	2	100	-18	182	2	91	-182	0	2	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		64	North-South:		86	North-South:			194	North-South:			215	North-South:			62
		East-West:		98	East-West:		322	East-West:			132	East-West:			356	East-West:			463
		SUM:		162	SUM:		408	SUM:			326	SUM:			571	SUM:			525
VOLUME/CAPACITY (V/C) RATIO:				0.108			0.272				0.217				0.381				0.350
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.054			0.172				0.117				0.281				0.250
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.164 Δv/c after mitigation: 0.133

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
28	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	8	8	8	12	12	0	12	8	20	0	20	0	20	0	20
	Left-Through		1							1				1				1	
	Through	275	2	75	913	1188	306	295	573	2	162	1036	1609	2	424	476	2085	2	543
	Through-Right		1							1				1				1	
	Right	24	0	75	2	26	306	40	64	0	162	2	66	0	424	0	66	0	543
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	79	1	66	136	215	187	75	155	1	108	136	291	1	230	215	506	1	337
	Through-Right		1							1				1				1	
	Right	52	0	52	107	159	159	8	61	0	61	107	168	0	168	0	168	0	168
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	11	0	11	36	47	47	16	27	0	27	36	63	0	63	70	133	0	133
	Left-Through		1							1				1				1	
	Through	83	1	47	-8	75	75	47	131	1	79	-8	123	1	123	-123	0	1	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		75	North-South:		306	North-South:			162	North-South:			424	North-South:			543
		East-West:		77	East-West:		234	East-West:			135	East-West:			293	East-West:			470
		SUM:		152	SUM:		540	SUM:			297	SUM:			717	SUM:			1013
VOLUME/CAPACITY (V/C) RATIO:				0.101			0.360				0.198				0.478				0.675
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.051			0.260				0.099				0.378				0.575
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.279 Δv/c after mitigation: 0.476

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
29	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 1 SB--	EB-- 0 WB--	0	NB-- 1 SB--	EB-- 0 WB--	0	NB-- 1 SB--	EB-- 0 WB--	0	NB-- 1 SB--	EB-- 0 WB--	0	NB-- 1 SB--	EB-- 0 WB--	0	NB-- 1 SB--	EB-- 0 WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	23	0	23	16	39	39	4	27	0	27	16	43	0	43	0	43	0	43
	Left-Through		1							1				1				1	
	Through	115	3	**35**	17	132	**43**	308	424	3	**113**	17	441	3	**121**	477	918	3	**240**
	Through-Right		0							0				0				0	
	Right	3	1	3	34	37	37	35	38	1	38	34	72	1	72	0	72	1	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	9	0	**9**	15	24	24	29	38	0	**38**	15	53	0	53	215	268	0	268
	Left-Through		1							1				1				1	
	Through	69	1	39	130	199	**112**	57	127	1	83	130	257	1	**155**	0	257	1	**257**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	67	1	**37**	12	79	59	59	127	1	**68**	12	139	1	91	-68	71	1	71
	Through-Right		1							1				1				1	
	Right	6	0	6	33	39	39	3	9	0	9	33	42	0	42	63	105	0	105
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		35	North-South:		43	North-South:			113	North-South:			121	North-South:			240
		East-West:		46	East-West:		112	East-West:			106	East-West:			155	East-West:			373
		SUM:		81	SUM:		155	SUM:			219	SUM:			276	SUM:			613
VOLUME/CAPACITY (V/C) RATIO:				0.054			0.103				0.146				0.184				0.409
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.027			0.052				0.073				0.092				0.309
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.019 Δv/c after mitigation: 0.236

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
30	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	5	1	**5**	0	5	**5**	5	10	1	**10**	0	10	1	**10**	0	10	1	**10**
	Left-Through		0							0				0				0	
	Through	40	1	21	3	43	24	93	133	1	70	3	136	1	74	0	136	1	74
	Through-Right		1							1				1				1	
	Right	1	0	1	4	5	5	6	7	0	7	4	11	0	11	0	11	0	11
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	1	1	1	47	48	48	3	4	1	4	47	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	59	1	**35**	1403	1462	**736**	105	165	1	**92**	1403	1568	1	**794**	0	1568	1	**794**
	Through-Right		1							1				1				1	
	Right	10	0	10	0	10	10	9	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	6	0	6	33	39	39	5	11	0	11	33	44	0	44	0	44	0	44
	Left-Through		1							1				1				1	
	Through	64	0	**38**	107	171	**172**	77	142	0	**85**	107	249	0	**219**	0	249	0	**219**
	Through-Right		1							1				1				1	
	Right	5	0	38	128	133	172	11	16	0	85	128	144	0	219	0	144	0	219
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	2	0	**2**	0	2	**2**	2	4	0	**4**	0	4	0	**4**	0	4	0	**4**
	Left-Through		1							1				1				1	
	Through	55	0	30	0	55	31	49	105	0	60	0	105	0	62	0	105	0	62
	Through-Right		1							1				1				1	
	Right	3	0	30	0	3	31	8	11	0	60	0	11	0	62	0	11	0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		40	North-South:		741	North-South:			102	North-South:			804	North-South:			804
		East-West:		40	East-West:		174	East-West:			89	East-West:			223	East-West:			223
		SUM:		80	SUM:		915	SUM:			191	SUM:			1027	SUM:			1027
VOLUME/CAPACITY (V/C) RATIO:				0.053			0.610				0.127				0.685				0.685
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.027			0.510				0.064				0.585				0.585
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.521 Δv/c after mitigation: 0.521

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
31	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	49	1	49	0	49	49	0	50	1	50	0	50	1	50	0	50	1	50
	Left-Through		0							0				0				0	
	Through	530	1	**281**	0	530	**281**	68	604	1	**318**	0	604	1	**318**	0	604	1	**318**
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	2	1	**2**	0	2	**2**	0	2	1	**2**	0	2	1	**2**	0	2	1	**2**
	Left-Through		0							0				0				0	
	Through	127	1	71	70	197	106	78	207	1	115	70	277	1	150	0	277	1	150
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	9	23	0	23	0	23	0	23	0	23	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	15	1	**15**	0	15	15	8	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	46	1	46	110	156	**156**	79	126	1	**126**	110	236	1	**236**	0	236	1	**236**
	Through-Right		0							0				0				0	
	Right	13	1	0	48	61	37	0	13	1	0	48	61	1	36	0	61	1	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	6	1	6	0	6	**6**	0	6	1	**6**	0	6	1	**6**	0	6	1	**6**
	Left-Through		0							0				0				0	
	Through	39	0	**44**	0	39	44	50	89	0	94	0	89	0	94	0	89	0	94
	Through-Right		1							1				1				1	
	Right	5	0	0	0	5	0	0	5	0	0	0	5	0	0	0	5	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		283	North-South:		283	North-South:			320	North-South:			320	North-South:			320
		East-West:		59	East-West:		162	East-West:			132	East-West:			242	East-West:			242
		SUM:		342	SUM:		445	SUM:			452	SUM:			562	SUM:			562
VOLUME/CAPACITY (V/C) RATIO:				0.228			0.297				0.301				0.375				0.375
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.128			0.197				0.201				0.275				0.275
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.074 Δv/c after mitigation: 0.074

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
32	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	NB-- 0 SB--	EB-- 0 WB--	0	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	12	1	**12**	0	12	**12**	0	12	1	**12**	0	12	1	**12**	0	12	1	**12**
	Left-Through		0							0				0				0	
	Through	68	1	35	0	68	35	104	173	2	87	0	173	2	87	0	173	2	87
	Through-Right		1							1				1				1	
	Right	1	0	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Left-Through		0							0				0				0	
	Through	95	1	**52**	1	96	**53**	108	204	0	**222**	1	205	0	**223**	0	205	0	**223**
	Through-Right		1							1				1				1	
	Right	9	0	9	0	9	9	9	18	0	0	0	18	0	0	0	18	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	10	1	10	23	33	33	11	21	1	21	23	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	23	0	**54**	87	110	**141**	67	90	0	**121**	87	177	0	**208**	0	177	0	**208**
	Through-Right		1							1				1				1	
	Right	31	0	0	0	31	0	0	31	0	0	0	31	0	0	0	31	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	2	0	**2**	0	2	**2**	0	2	0	**2**	0	2	0	**2**	0	2	0	**2**
	Left-Through		0							0				0				0	
	Through	31	0	33	0	31	33	41	72	0	76	0	72	0	76	0	72	0	76
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	2	2	0	0	0	2	0	0	0	2	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		64	North-South:		65	North-South:			234	North-South:			235	North-South:			235
		East-West:		56	East-West:		143	East-West:			123	East-West:			210	East-West:			210
		SUM:		120	SUM:		208	SUM:			357	SUM:			445	SUM:			445
VOLUME/CAPACITY (V/C) RATIO:				0.080			0.139				0.238				0.297				0.297
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.040			0.069				0.138				0.197				0.197
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.059 Δv/c after mitigation: 0.059

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
33	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	60	0	60	0	60	60	8	69	0	69	0	69	0	69	0	69	0	69
	Left-Through		0							0				0				0	
	Through	1	0	61	0	1	61	0	1	0	70	0	1	0	70	0	1	0	70
	Through-Right		0							0				0				0	
	Right	31	1	0	0	31	0	57	88	1	0	0	88	1	0	0	88	1	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through		0							0				0				0	
	Through	44	0	56	0	44	56	0	45	0	57	0	45	0	57	0	45	0	57
	Through-Right		0							0				0				0	
	Right	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	6	1	6	0	6	6	0	6	1	6	0	6	1	6	0	6	1	6
	Left-Through		0							0				0				0	
	Through	457	2	205	70	527	229	207	670	2	278	70	740	2	301	0	740	2	301
	Through-Right		1							1				1				1	
	Right	159	0	159	0	159	159	3	164	0	164	0	164	0	164	0	164	0	164
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	140	1	140	83	223	223	74	216	1	216	83	299	1	299	0	299	1	299
	Left-Through		0							0				0				0	
	Through	266	2	91	305	571	193	246	515	2	174	305	820	2	276	199	1019	2	342
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		117	North-South:		117	North-South:			127	North-South:			127	North-South:			127
		East-West:		345	East-West:		452	East-West:			494	East-West:			600	East-West:			600
		SUM:		462	SUM:		569	SUM:			621	SUM:			727	SUM:			727
VOLUME/CAPACITY (V/C) RATIO:				0.336			0.414				0.452				0.529				0.529
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.236			0.314				0.352				0.429				0.429
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.077 | Δv/c after mitigation: 0.077
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
34	East-West Street:	SR 110 SB Off-Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	352	2	176	83	435	218	77	433	2	217	83	516	2	258	0	516	2	258
	Through-Right		0							0				0				0	
	Right	8	0	0	0	8	0	0	8	0	0	0	8	0	0	0	8	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	48	1	48	0	48	48	37	86	1	86	0	86	1	86	0	86	1	85
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85
	Through-Right		0							0				0				0	
	Right	104	2	57	0	104	57	65	170	2	94	0	170	2	94	0	170	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		176	North-South:		218	North-South:			217	North-South:			258	North-South:			258
		East-West:		57	East-West:		57	East-West:			94	East-West:			94	East-West:			85
		SUM:		233	SUM:		275	SUM:			311	SUM:			352	SUM:			343
VOLUME/CAPACITY (V/C) RATIO:				0.155			0.183				0.207				0.235				0.229
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.078			0.092				0.107				0.135				0.129
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.028 | Δv/c after mitigation: 0.022
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Blaine	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
35	East-West Street:	11th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	21	1	12	0	21	12	37	58	1	32	0	58	1	32	0	58	1	58
	Left-Through		1							1				1				1	
	Through	359	0	390	83	442	473	77	440	0	471	83	523	0	554	0	523	1	185
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	0	31	0	31	0	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	43	1	43	-43	0	0	4	48	1	48	-48	0	1	0	0	0	1	0
	Through-Right		0							0				0				0	
	Right	111	1	111	0	111	111	0	112	1	112	0	112	1	112	0	112	1	112
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	71	0	71	1218	1289	1289	83	155	0	155	1114	1269	0	1269	0	1269	1	635
	Left-Through		1							1				1				1	
	Through	60	1	60	-60	0	0	7	68	1	68	-68	0	1	0	0	0	0	635
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		390	North-South:		473	North-South:			471	North-South:			554	North-South:			185
		East-West:		182	East-West:		1400	East-West:			267	East-West:			1381	East-West:			747
		SUM:		572	SUM:		1873	SUM:			738	SUM:			1935	SUM:			932
VOLUME/CAPACITY (V/C) RATIO:				0.401			1.314				0.518				1.358				0.654
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.301			1.214				0.418				1.258				0.554
LEVEL OF SERVICE (LOS):				A			F				A				F				A

PROJECT IMPACT

Change in v/c due to project: 0.840 | Δv/c after mitigation: 0.136
Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Convention Center Drive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
36	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	8	1	4	0	8	0	0	8	1	4	0	8	1	4	0	8	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	1	1	1	93	94	94	0	1	1	1	93	94	1	94	0	94	1	94
	Left-Through		0							0				0				0	
	Through	169	2	85	24	193	97	34	205	2	103	24	229	2	115	0	229	2	115
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	121	2	61	295	416	208	38	160	2	80	295	455	2	228	27	482	2	241
	Through-Right		0							0				0				0	
	Right	3	1	0	23	26	23	0	3	1	0	23	26	1	23	0	26	1	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		4	North-South:		3	North-South:			4	North-South:			3	North-South:			3
		East-West:		85	East-West:		302	East-West:			103	East-West:			322	East-West:			335
		SUM:		89	SUM:		305	SUM:			107	SUM:			325	SUM:			338
VOLUME/CAPACITY (V/C) RATIO:				0.059			0.203				0.071				0.217				0.225
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.030			0.103				0.036				0.117				0.125
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.081 | Δv/c after mitigation: 0.089
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	37	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 3, EB-- 3 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	48	1	**48**	0	48	**48**	0	49	1	49	0	49	1	49	27	76	1	76
	Left-Through		0							0				0				0	
	Through	367	3	100	0	367	100	302	673	3	**177**	0	673	3	**177**	-474	199	3	**66**
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	2	34	0	34	0	34	0	34	60	94	0	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	1	12	22	34	34	3	15	1	**15**	22	37	1	**37**	0	37	1	**37**
	Left-Through		0							0				0				0	
	Through	140	2	**70**	214	354	**177**	23	165	2	83	159	324	2	162	-118	206	2	103
	Through-Right		0							0				0				0	
	Right	9	1	0	18	27	3	11	20	1	0	18	38	1	5	0	38	1	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	24	1	**24**	0	24	**24**	9	33	1	**33**	0	33	1	**33**	0	33	1	**33**
	Left-Through		0							0				0				0	
	Through	68	2	34	24	92	46	24	93	2	47	24	117	2	59	0	117	2	59
	Through-Right		0							0				0				0	
	Right	56	1	8	0	56	8	0	57	1	8	0	57	1	8	0	57	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	21	0	21	65	86	86	1	22	0	22	120	142	0	142	118	260	0	260
	Left-Through		1							1				1				1	
	Through	63	0	**50**	277	340	**221**	27	91	0	**79**	277	368	0	**278**	0	368	0	**337**
	Through-Right		1							1				1				1	
	Right	16	0	50	0	16	221	29	45	0	79	0	45	0	278	0	45	0	337
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		118	North-South:		225	North-South:			192	North-South:			214	North-South:			179
		East-West:		74	East-West:		245	East-West:			112	East-West:			311	East-West:			370
		SUM:		192	SUM:		470	SUM:			304	SUM:			525	SUM:			549
VOLUME/CAPACITY (V/C) RATIO:				0.140			0.342				0.221				0.382				0.399
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.070			0.242				0.121				0.282				0.299
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.161 | Δv/c after mitigation: 0.178

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	38	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	7	1	7	0	7	7	3	10	1	10	0	10	1	10	30	40	1	40
	Left-Through		0							0				0				0	
	Through	141	2	**71**	277	418	**209**	365	508	2	**178**	277	785	2	**284**	-402	383	2	**150**
	Through-Right		0							1				1				1	
	Right	19	1	19	40	59	59	7	26	0	26	40	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	84	1	**55**	22	106	**78**	29	114	1	**70**	22	136	1	93	60	196	1	123
	Through-Right		1							1				1				1	
	Right	25	0	25	24	49	49	0	25	0	25	24	49	0	49	0	49	0	49
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	0	**22**	277	299	**299**	6	28	0	**28**	277	305	0	305	232	537	0	537
	Left-Through		1							1				1				1	
	Through	85	1	54	302	387	343	50	136	1	82	357	493	1	**399**	118	611	1	**574**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		71	North-South:		209	North-South:			178	North-South:			284	North-South:			150
		East-West:		77	East-West:		377	East-West:			98	East-West:			399	East-West:			660
		SUM:		148	SUM:		586	SUM:			276	SUM:			683	SUM:			810
VOLUME/CAPACITY (V/C) RATIO:				0.104			0.411				0.194				0.479				0.568
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.052			0.311				0.097				0.379				0.468
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.282 | Δv/c after mitigation: 0.371

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	39	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	7	0	7	85	92	92	3	10	0	10	85	95	0	95	0	95	0	95
	Left-Through		1							1				1				1	
	Through	218	3	**56**	865	1083	**294**	297	518	3	**132**	933	1451	3	**387**	196	1647	3	**436**
	Through-Right		0							0				0				0	
	Right	18	1	18	105	123	123	21	39	1	39	160	199	1	199	350	549	1	549
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	65	1	**59**	5	70	70	29	95	1	**87**	5	100	1	100	90	190	1	147
	Through-Right		1							1				1				1	
	Right	53	0	53	26	79	**79**	24	78	0	78	26	104	0	**104**	0	104	0	**104**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	14	0	**14**	356	370	**370**	0	14	0	**14**	356	370	0	**370**	0	370	0	**370**
	Left-Through		1							1				1				1	
	Through	68	1	41	188	256	256	29	98	1	56	188	286	1	286	0	286	1	286
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		56	North-South:		294	North-South:			132	North-South:			387	North-South:			549
		East-West:		73	East-West:		449	East-West:			101	East-West:			474	East-West:			517
		SUM:		129	SUM:		743	SUM:			233	SUM:			861	SUM:			1066
VOLUME/CAPACITY (V/C) RATIO:				0.086			0.495				0.155				0.574				0.711
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.043			0.395				0.078				0.474				0.611
LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.396 | Δv/c after mitigation: 0.533

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	40	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	20	0	20	420	440	440	16	36	0	36	420	456	0	456	0	456	0	456
	Left-Through		1							1				1				1	
	Through	137	2	**41**	16	153	77	326	465	2	**127**	16	481	2	241	387	868	2	434
	Through-Right		1							1				1				1	
	Right	6	0	41	848	854	**854**	0	6	0	127	848	854	0	**854**	0	854	0	**854**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	11	0	**11**	0	11	**11**	25	36	0	**36**	0	36	0	**36**	90	126	0	**126**
	Left-Through		1							1				1				1	
	Through	58	1	35	90	148	80	6	65	1	51	90	155	1	96	0	155	1	141
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	59	1	**34**	124	183	**96**	14	74	1	**46**	124	198	1	**108**	0	198	1	**108**
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	9	17	0	17	0	17	0	17	0	17	0	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		41	North-South:		854	North-South:			127	North-South:			854	North-South:			854
		East-West:		45	East-West:		107	East-West:			82	East-West:			144	East-West:			234
		SUM:		86	SUM:		961	SUM:			209	SUM:			998	SUM:			1088
VOLUME/CAPACITY (V/C) RATIO:				0.057			0.641				0.139				0.665				0.725
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.029			0.541				0.070				0.565				0.625
LEVEL OF SERVICE (LOS):				A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.495 | Δv/c after mitigation: 0.555

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
41	East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	122	3	41	941	1063	298	152	275	3	92	941	1216	3	363	196	1412	3	402
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	148	1	81	281	429	0	169	319	1	175	281	600	1	0	0	600	1	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	14	0	14	71	85	85	9	23	0	23	71	94	0	94	0	94	0	94
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	241	1	128	144	385	235	165	409	1	216	144	553	1	324	0	553	2	216
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		81	North-South:		298	North-South:			175	North-South:			363	North-South:			402
	East-West:		128	East-West:		235	East-West:			216	East-West:			324	East-West:			216
	SUM:		209	SUM:		533	SUM:			391	SUM:			687	SUM:			618
VOLUME/CAPACITY (V/C) RATIO:			0.139			0.355				0.261				0.458				0.412
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.070			0.255				0.161				0.358				0.312
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.197 | Δv/c after mitigation: 0.151
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
42	East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	105	0	105	0	105	105	102	208	0	208	0	208	0	208	0	208	0	208
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	129	3	43	0	129	43	223	354	3	118	0	354	3	118	387	741	3	237
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	195	1	113	216	411	232	73	270	1	210	216	486	1	329	0	486	2	219
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	31	0	31	22	53	53	119	150	0	150	22	172	0	172	0	172	0	172
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		105	North-South:		105	North-South:			208	North-South:			208	North-South:			237
	East-West:		113	East-West:		232	East-West:			210	East-West:			329	East-West:			219
	SUM:		218	SUM:		337	SUM:			418	SUM:			537	SUM:			456
VOLUME/CAPACITY (V/C) RATIO:			0.145			0.225				0.279				0.358				0.304
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.073			0.125				0.179				0.258				0.204
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.079 | Δv/c after mitigation: 0.025
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
43	East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	9	0	9	0	9	9	7	16	0	16	0	16	0	16	0	16	0	16
NORTHBOUND Left-Through		1							1				1				1	
NORTHBOUND Through	28	1	19	0	28	28	93	121	1	69	0	121	1	109	0	121	1	109
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	49	1	35	1838	1887	1024	86	136	1	90	1838	1974	1	1079	0	1974	1	1079
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	21	0	21	140	161	161	23	44	0	44	140	184	0	184	0	184	0	184
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	8	0	8	0	8	8	13	21	0	21	0	21	0	21	0	21	0	21
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	179	0	101	0	179	101	162	343	0	194	0	343	0	194	0	343	1	129
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	15	0	101	0	15	101	8	23	0	194	0	23	0	194	0	23	0	129
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		44	North-South:		1033	North-South:			106	North-South:			1095	North-South:			1095
	East-West:		101	East-West:		101	East-West:			194	East-West:			194	East-West:			129
	SUM:		145	SUM:		1134	SUM:			300	SUM:			1289	SUM:			1224
VOLUME/CAPACITY (V/C) RATIO:			0.097			0.756				0.200				0.859				0.816
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.048			0.656				0.100				0.759				0.716
LEVEL OF SERVICE (LOS):			A			B				A				C				C

PROJECT IMPACT

Change in v/c due to project: 0.659 | Δv/c after mitigation: 0.616
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
44	East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	97	2	49	0	97	49	70	168	2	84	0	168	2	84	0	168	2	84
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	102	1	73	199	301	173	74	177	1	114	199	376	1	213	0	376	1	213
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	44	0	44	0	44	44	5	50	0	50	0	50	0	50	0	50	0	50
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	7	0	7	0	7	7	5	12	0	12	0	12	0	12	0	12	0	12
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	138	0	85	0	138	85	178	318	0	181	0	318	0	181	0	318	1	121
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	24	0	85	0	24	85	8	32	0	181	0	32	0	181	0	32	0	121
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		90	North-South:		190	North-South:			131	North-South:			230	North-South:			230
	East-West:		85	East-West:		85	East-West:			181	East-West:			181	East-West:			121
	SUM:		175	SUM:		275	SUM:			312	SUM:			411	SUM:			351
VOLUME/CAPACITY (V/C) RATIO:			0.117			0.183				0.208				0.274				0.234
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.058			0.092				0.108				0.174				0.134
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.066 | Δv/c after mitigation: 0.026
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	45	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	22	1	22	0	22	22	3	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	59	2	30	0	59	30	88	148	2	74	0	148	2	74	0	148	2	74
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	94	1	60	1	95	60	92	187	1	114	1	188	1	114	0	188	1	114
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	15	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	26	0	26	0	26	26	57	83	0	83	0	83	0	83	0	83	0	83
	Left-Through		1							1				1				1	
	Through	111	0	73	0	111	73	173	285	0	196	0	285	0	196	0	285	1	131
	Through-Right		1							1				1				1	
	Right	8	0	73	0	8	73	16	24	0	196	0	24	0	196	0	24	0	131
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		82	North-South:		82	North-South:			139	North-South:			139	North-South:			139
		East-West:		73	East-West:		73	East-West:			196	East-West:			196	East-West:			131
		SUM:		155	SUM:		155	SUM:			335	SUM:			335	SUM:			270
VOLUME/CAPACITY (V/C) RATIO:				0.103			0.103				0.223				0.223				0.180
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.052			0.052				0.123				0.123				0.090
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: -0.033
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	46	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	17th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	6	1	6	0	6	6	0	6	1	6	0	6	1	6	0	6	1	6
	Left-Through		0							0				0				0	
	Through	9	2	5	0	9	5	3	12	2	6	0	12	2	6	0	12	2	6
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	83	1	49	1	84	49	20	104	1	61	1	105	1	61	0	105	1	61
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	3	17	0	17	0	17	0	17	0	17	0	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	30	0	30	0	30	30	0	30	0	30	0	30	0	30	0	30	0	30
	Left-Through		1							1				1				1	
	Through	124	0	90	0	124	90	243	368	0	218	0	368	0	218	0	368	1	145
	Through-Right		1							1				1				1	
	Right	25	0	90	0	25	90	13	38	0	218	0	38	0	218	0	38	0	145
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		55	North-South:		55	North-South:			67	North-South:			67	North-South:			67
		East-West:		90	East-West:		90	East-West:			218	East-West:			218	East-West:			145
		SUM:		145	SUM:		145	SUM:			285	SUM:			285	SUM:			212
VOLUME/CAPACITY (V/C) RATIO:				0.097			0.097				0.190				0.190				0.141
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.048			0.048				0.095				0.095				0.071
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: -0.024
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	47	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	185	3	62	340	525	175	280	467	3	156	340	807	3	269	-68	739	3	246
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	11	1	11	0	11	11	25	36	1	24	0	36	1	24	418	454	1	233
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		62	North-South:		175	North-South:			156	North-South:			269	North-South:			246
		East-West:		12	East-West:		12	East-West:			24	East-West:			24	East-West:			233
		SUM:		74	SUM:		187	SUM:			180	SUM:			293	SUM:			479
VOLUME/CAPACITY (V/C) RATIO:				0.052			0.131				0.126				0.206				0.336
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.026			0.066				0.063				0.106				0.236
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.043 | Δv/c after mitigation: 0.173
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	48	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 3 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	43	2	24	0	43	24	0	44	2	24	0	44	2	24	0	44	2	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	71	1	71	307	378	378	41	113	1	113	307	420	1	420	102	522	1	522
	Left-Through		0							0				0				0	
	Through	73	3	24	740	813	271	121	195	3	65	740	935	3	312	94	1029	3	343
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	104	2	42	0	104	42	167	272	2	91	0	272	2	91	418	690	2	230
	Through-Right		1							1				1				1	
	Right	63	1	0	0	63	0	28	92	1	0	0	92	1	0	0	92	1	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		95	North-South:		402	North-South:			137	North-South:			444	North-South:			546
		East-West:		42	East-West:		42	East-West:			91	East-West:			91	East-West:			230
		SUM:		137	SUM:		444	SUM:			228	SUM:			535	SUM:			776
VOLUME/CAPACITY (V/C) RATIO:				0.096			0.312				0.160				0.375				0.545
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.048			0.212				0.080				0.275				0.445
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.195 | Δv/c after mitigation: 0.365
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
49	Olive	2011	0.2	Eric Ji	11/1/2011
	East-West Street: 18th	Projection Year: 2017	Peak Hour:	Reviewed by:	Project: LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	123	3	41	0	123	41	200	324	3	91	0	324	3	108	-31	293	3	98
	Through-Right		1							1				1				1	
	Right	40	0	40	370	410	410	0	40	0	40	370	410	0	410	0	410	0	410
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	112	1	112	0	112	112	125	238	1	238	0	238	1	238	418	656	1	656
	Left-Through		0							0				0				0	
	Through	112	2	56	307	419	210	83	196	2	98	307	503	2	252	102	605	2	303
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		41	North-South:		410	North-South:			91	North-South:			410	North-South:			410
		East-West:		112	East-West:		210	East-West:			238	East-West:			252	East-West:			656
		SUM:		153	SUM:		620	SUM:			329	SUM:			662	SUM:			1066
	VOLUME/CAPACITY (V/C) RATIO:			0.102			0.413				0.219				0.441				0.711
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.051			0.313				0.119				0.341				0.611
	LEVEL OF SERVICE (LOS):			A			A				A				A				B

PROJECT IMPACT

Change in v/c due to project: 0.222 | Δv/c after mitigation: 0.492

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
50	Hill	2011	0.2	Eric Ji	11/1/2011
	East-West Street: 18th	Projection Year: 2017	Peak Hour:	Reviewed by:	Project: LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	32	1	23	0	32	23	87	119	1	67	0	119	1	67	0	119	1	67
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	0	14	0	14	0	14	0	14	0	14	0	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	13	0	13	1225	1238	1238	12	25	0	25	1225	1250	0	1250	0	1250	0	1250
	Left-Through		1							1				1				1	
	Through	43	1	28	613	656	656	87	131	1	78	613	744	1	744	0	744	1	744
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	8	1	8	0	8	8	12	20	1	20	0	20	1	20	0	20	0	20
	Left-Through		0							0				0				1	
	Through	124	1	64	677	801	403	70	195	1	100	677	872	1	438	102	974	1	333
	Through-Right		1							1				1				1	
	Right	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	333
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		36	North-South:		1261	North-South:			92	North-South:			1317	North-South:			1317
		East-West:		64	East-West:		403	East-West:			100	East-West:			438	East-West:			333
		SUM:		100	SUM:		1664	SUM:			192	SUM:			1755	SUM:			1650
	VOLUME/CAPACITY (V/C) RATIO:			0.067			1.109				0.128				1.170				1.100
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.033			1.009				0.064				1.070				1.000
	LEVEL OF SERVICE (LOS):			A			F				A				F				E

PROJECT IMPACT

Change in v/c due to project: 1.006 | Δv/c after mitigation: 0.936

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
51	Broadway	2011	0.2	Eric Ji	11/1/2011
	East-West Street: 18th	Projection Year: 2017	Peak Hour:	Reviewed by:	Project: LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	94	1	55	0	94	55	70	165	1	119	0	165	1	119	0	165	1	119
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	58	73	0	73	0	73	0	73	0	73	0	73
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	22	1	22	159	181	181	7	29	1	29	159	188	1	188	0	188	1	188
	Left-Through		0							0				0				0	
	Through	90	2	45	40	130	65	72	163	2	82	40	203	2	102	0	203	2	102
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	18	1	18	0	18	18	0	18	1	18	0	18	1	18	0	18	0	18
	Left-Through		0							0				1				1	
	Through	126	1	69	1902	2028	1020	73	201	1	111	1902	2103	1	1062	102	2205	1	748
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	9	21	0	21	0	21	0	21	0	21	0	748
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		77	North-South:		236	North-South:			148	North-South:			307	North-South:			307
		East-West:		69	East-West:		1020	East-West:			111	East-West:			1062	East-West:			748
		SUM:		146	SUM:		1256	SUM:			259	SUM:			1369	SUM:			1055
	VOLUME/CAPACITY (V/C) RATIO:			0.097			0.837				0.173				0.913				0.703
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.049			0.737				0.086				0.813				0.603
	LEVEL OF SERVICE (LOS):			A			C				A				D				B

PROJECT IMPACT

Change in v/c due to project: 0.727 | Δv/c after mitigation: 0.517

Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
52	Main	2011	0.2	Eric Ji	11/1/2011
	East-West Street: 18th	Projection Year: 2017	Peak Hour:	Reviewed by:	Project: LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	84	1	70	0	84	70	80	165	1	165	0	165	1	165	0	165	1	165
	Through-Right		1							1				1				1	
	Right	55	0	55	0	55	55	124	180	1	180	0	180	0	180	0	180	0	180
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	1	23	0	23	23	16	39	1	39	0	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	106	2	53	1	107	54	132	239	2	120	1	240	2	120	0	240	2	120
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	5	0	5	0	5	5	11	16	0	16	0	16	0	16	0	16	0	16
	Left-Through		1							1				1				1	
	Through	156	1	81	2061	2217	1111	122	280	1	148	2061	2341	1	1179	102	2443	1	1230
	Through-Right		0							0				0				0	
	Right	16	1	16	0	16	16	4	20	1	20	0	20	1	20	0	20	1	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		93	North-South:		93	North-South:			219	North-South:			219	North-South:			219
		East-West:		81	East-West:		1111	East-West:			148	East-West:			1179	East-West:			1230
		SUM:		174	SUM:		1204	SUM:			367	SUM:			1398	SUM:			1449
	VOLUME/CAPACITY (V/C) RATIO:			0.116			0.803				0.245				0.932				0.966
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.058			0.703				0.145				0.832				0.866
	LEVEL OF SERVICE (LOS):			A			C				A				D				D

PROJECT IMPACT

Change in v/c due to project: 0.687 | Δv/c after mitigation: 0.721

Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
53	East-West Street:	18th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	65	1	33	0	65	33	2	68	1	34	0	68	1	34	0	68	1	34
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	4	1	4	0	4	4	0	4	1	4	0	4	1	4	0	4	1	4
	Left-Through		0							0				0				0	
	Through	35	2	18	1	36	18	0	35	2	18	1	36	2	18	0	36	2	18
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	217	1	217	2061	2278	2278	263	483	1	483	2061	2544	1	2544	102	2646	2	800
	Left-Through		0							0				0				0	
	Through	8	1	8	0	8	8	0	8	1	8	0	8	1	8	0	8	1	8
	Through-Right		1							1				1				1	
	Right	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		37	North-South:		37	North-South:			38	North-South:			38	North-South:			38
		East-West:		217	East-West:		2278	East-West:			483	East-West:			2544	East-West:			800
		SUM:		254	SUM:		2315	SUM:			521	SUM:			2582	SUM:			838
VOLUME/CAPACITY (V/C) RATIO:				0.169			1.543				0.347				1.721				0.559
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.085			1.443				0.247				1.621				0.459
LEVEL OF SERVICE (LOS):				A			F				A				F				A

PROJECT IMPACT

Change in v/c due to project: 1.374 | Δv/c after mitigation: 0.212

Significant impacted? YES | Fully mitigated? YES

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
54	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	91	1	91	33	124	124	4	96	1	96	33	129	1	129	0	129	1	129
	Left-Through		0							0				0				0	
	Through	510	3	135	0	510	135	363	879	3	236	0	879	3	236	31	910	3	236
	Through-Right		1							1				1				1	
	Right	28	0	28	0	28	28	37	65	0	65	0	65	0	65	-31	34	0	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	1	23	37	60	60	0	23	1	23	37	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	156	1	92	52	208	208	7	165	1	101	52	217	1	217	0	217	1	217
	Through-Right		1							1				1				1	
	Right	27	0	27	190	217	196	9	36	0	36	190	226	0	197	0	226	0	197
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	43	1	43	0	43	43	15	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	145	2	72	0	145	72	26	173	2	82	0	173	2	82	0	173	2	82
	Through-Right		1							1				1				1	
	Right	71	0	71	0	71	71	2	74	0	74	0	74	0	74	0	74	0	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	46	1	46	43	89	89	20	67	1	67	43	110	1	110	0	110	1	110
	Left-Through		0							0				0				0	
	Through	231	2	92	394	625	223	189	423	2	189	394	817	2	320	26	843	3	281
	Through-Right		1							1				1				0	
	Right	44	0	44	0	44	44	98	143	0	143	0	143	0	143	0	143	1	113
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		183	North-South:		332	North-South:			259	North-South:			346	North-South:			346
		East-West:		135	East-West:		266	East-West:			248	East-West:			379	East-West:			340
		SUM:		318	SUM:		598	SUM:			507	SUM:			725	SUM:			686
VOLUME/CAPACITY (V/C) RATIO:				0.231			0.435				0.369				0.527				0.499
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.131			0.335				0.269				0.427				0.399
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.158 | Δv/c after mitigation: 0.130

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
55	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	1	12	3	15	15	5	17	1	17	3	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	75	2	38	307	382	155	258	334	2	135	307	641	2	248	-68	573	2	225
	Through-Right		1							1				1				1	
	Right	54	0	54	30	84	84	17	72	0	72	30	102	1	102	0	102	0	102
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	187	2	94	4	191	96	59	248	2	124	4	252	2	126	-31	221	2	111
	Through-Right		0							0				0				0	
	Right	15	1	15	33	48	48	4	19	1	19	33	52	1	52	0	52	1	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	39	39	0	0	0	0	0	39	39	0	0	0	39	0	0
	Left-Through		0							0				0				0	
	Through	272	2	136	406	678	339	290	565	2	283	406	971	2	486	26	997	2	499
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		54	North-South:		155	North-South:			135	North-South:			248	North-South:			225
		East-West:		136	East-West:		339	East-West:			283	East-West:			486	East-West:			499
		SUM:		190	SUM:		494	SUM:			418	SUM:			734	SUM:			724
VOLUME/CAPACITY (V/C) RATIO:				0.127			0.329				0.279				0.489				0.483
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.063			0.229				0.179				0.389				0.383
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.210 | Δv/c after mitigation: 0.204

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
56	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	33	1	33	27	60	60	0	33	1	33	27	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	52	0	91	0	52	91	0	53	0	120	0	53	0	120	0	53	0	120
	Through-Right		1							1				1				1	
	Right	39	0	0	0	39	0	28	67	0	0	0	67	0	0	0	67	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	1	11	63	74	74	18	29	1	29	63	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	87	2	44	455	542	271	125	213	2	107	455	668	2	334	68	736	2	368
	Through-Right		0							0				0				0	
	Right	29	1	29	231	260	260	6	35	1	35	231	266	1	266	26	292	1	292
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	179	1	97	7	186	101	65	246	1	131	7	253	1	134	-31	222	1	119
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	0	15	0	15	0	15	0	15	0	15	0	15
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	16	1	16	0	16	16	3	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	216	1	111	187	403	204	284	503	1	254	187	690	1	348	0	690	1	348
	Through-Right		1							1				1				1	
	Right	5	0	5	0	5	5	0	5	0	5	0	5	0	5	0	5	0	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		102	North-South:		331	North-South:			149	North-South:			394	North-South:			428
		East-West:		113	East-West:		204	East-West:			254	East-West:			348	East-West:			348
		SUM:		215	SUM:		535	SUM:			403	SUM:			742	SUM:			776
VOLUME/CAPACITY (V/C) RATIO:				0.151			0.375				0.283				0.521				0.545
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.075			0.275				0.183				0.421				0.445
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.238 | Δv/c after mitigation: 0.262

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
57	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	33	0	33	79	112	112	3	36	0	36	79	115	0	115	0	115	0	115
	Left-Through		1							1				1				1	
	Through	130	1	65	344	474	262	75	207	1	92	344	551	1	289	0	551	1	289
	Through-Right		1							1				1				1	
	Right	32	0	65	169	201	262	0	32	0	92	169	201	0	289	0	201	0	289
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	22	1	22	0	22	22	123	145	1	145	0	145	1	145	-31	114	1	114
	Left-Through		0							0				0				0	
	Through	195	1	100	83	278	142	191	388	1	197	83	471	1	238	0	471	1	238
	Through-Right		1							1				1				1	
	Right	5	0	5	0	5	5	0	5	0	5	0	5	0	5	0	5	0	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	3	1	3	0	3	3	0	3	1	3	0	3	1	3	0	3	1	3
	Left-Through		0							0				0				0	
	Through	195	1	108	96	291	156	60	257	1	140	96	353	1	188	0	353	1	188
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	1	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		65	North-South:		262	North-South:			92	North-South:			289	North-South:			289
		East-West:		130	East-West:		178	East-West:			285	East-West:			333	East-West:			302
		SUM:		195	SUM:		440	SUM:			377	SUM:			622	SUM:			591
VOLUME/CAPACITY (v/c) RATIO:				0.137			0.309				0.265				0.436				0.415
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.068			0.209				0.165				0.336				0.315
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.171 Δv/c after mitigation: 0.150

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
58	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	2	1	2	0	2	2	0	2	1	2	0	2	1	2	0	2	1	2
	Left-Through		0							0				0				0	
	Through	35	1	20	0	35	20	54	89	1	47	0	89	1	47	0	89	1	47
	Through-Right		1							1				1				1	
	Right	5	0	5	0	5	5	0	5	0	5	0	5	0	5	0	5	0	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	15	1	15	232	247	247	5	20	1	20	232	252	1	252	0	252	1	252
	Left-Through		0							0				0				0	
	Through	62	1	38	286	348	229	73	136	1	79	286	422	1	270	0	422	1	270
	Through-Right		1							1				1				1	
	Right	13	0	13	96	109	109	9	22	0	22	96	118	0	118	0	118	0	118
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	6	1	6	0	6	6	21	27	1	27	0	27	1	27	0	27	1	27
	Left-Through		0							0				0				0	
	Through	202	1	103	252	454	229	170	374	1	189	252	626	1	315	0	626	1	315
	Through-Right		1							1				1				1	
	Right	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	11	1	11	0	11	11	0	11	1	11	0	11	1	11	0	11	1	11
	Left-Through		0							0				0				0	
	Through	137	1	80	0	137	80	53	192	1	113	0	192	1	113	0	192	1	113
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	12	34	0	34	0	34	0	34	0	34	0	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		40	North-South:		267	North-South:			81	North-South:			299	North-South:			299
		East-West:		114	East-West:		240	East-West:			200	East-West:			326	East-West:			326
		SUM:		154	SUM:		507	SUM:			281	SUM:			625	SUM:			625
VOLUME/CAPACITY (v/c) RATIO:				0.108			0.356				0.197				0.439				0.439
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.054			0.256				0.099				0.339				0.339
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.240 Δv/c after mitigation: 0.240

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
59	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	14	1	14	0	14	14	0	14	1	14	0	14	1	14	0	14	1	14
	Left-Through		0							0				0				0	
	Through	99	1	56	0	99	56	63	163	1	91	0	163	1	91	0	163	1	91
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	6	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	6	1	6	1	7	7	14	20	1	20	1	21	1	21	0	21	1	21
	Left-Through		0							0				0				0	
	Through	87	1	47	39	126	67	66	154	1	81	39	193	1	101	0	193	1	101
	Through-Right		1							1				1				1	
	Right	7	0	7	0	7	7	1	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	6	1	6	0	6	6	61	67	1	67	0	67	1	67	0	67	1	67
	Left-Through		0							0				0				0	
	Through	194	1	106	483	677	348	113	309	1	164	483	792	1	405	0	792	1	405
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	0	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	16	1	16	0	16	16	4	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	150	1	89	0	150	89	64	216	1	124	0	216	1	124	0	216	1	124
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	4	31	0	31	0	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		62	North-South:		81	North-South:			111	North-South:			115	North-South:			115
		East-West:		122	East-West:		364	East-West:			191	East-West:			425	East-West:			425
		SUM:		184	SUM:		445	SUM:			302	SUM:			540	SUM:			540
VOLUME/CAPACITY (v/c) RATIO:				0.129			0.312				0.212				0.379				0.379
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.065			0.212				0.112				0.279				0.279
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.167 Δv/c after mitigation: 0.167

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
60	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	16	1	16	0	16	16	0	16	1	16	0	16	1	16	0	16	1	16
	Left-Through		0							0				0				0	
	Through	102	1	57	0	102	57	175	278	1	149	0	278	1	149	0	278	1	149
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	9	20	0	20	0	20	0	20	0	20	0	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	1	12	1	13	13	8	20	1	20	1	21	1	21	0	21	1	21
	Left-Through		0							0				0				0	
	Through	93	1	51	0	93	51	125	219	1	116	0	219	1	116	0	219	1	116
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	4	12	0	12	0	12	0	12	0	12	0	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	10	1	10	0	10	10	23	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	214	1	118	485	699	361	110	327	1	175	485	812	1	417	0	812	1	417
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	9	1	9	0	9	9	0	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	184	1	103	0	184	103	67	253	1	141	0	253	1	141	0	253	1	141
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	6	28	0	28	0	28	0	28	0	28	0	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		69	North-South:		70	North-South:			169	North-South:			170	North-South:			170
		East-West:		127	East-West:		370	East-West:			184	East-West:			426	East-West:			426
		SUM:		196	SUM:		440	SUM:			353	SUM:			596	SUM:			596
VOLUME/CAPACITY (v/c) RATIO:				0.138			0.309				0.248				0.418				0.418
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.069			0.209				0.148				0.318				0.318
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.170 Δv/c after mitigation: 0.170

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	61	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

	MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through		1							1				1				1	
	Through	12	0	8	0	12	8	0	12	0	8	0	12	0	8	0	12	0	8
	Through-Right		1							1				1				1	
	Right	3	0	8	0	3	8	0	3	0	8	0	3	0	8	0	3	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	0	9	1	10	10	0	9	0	9	1	10	0	10	0	10	0	10
	Left-Through		1							1				1				1	
	Through	20	0	22	0	20	22	0	20	0	22	0	20	0	22	0	20	0	22
	Through-Right		1							1				1				1	
	Right	14	0	22	0	14	22	0	14	0	22	0	14	0	22	0	14	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	23	1	23	0	23	23	2	25	1	25	0	25	1	25	0	25	1	25
	Left-Through		0							0				0				0	
	Through	210	1	106	486	696	349	92	305	1	154	486	791	1	397	0	791	1	397
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Left-Through		0							0				0				0	
	Through	154	1	80	0	154	80	56	212	1	109	0	212	1	109	0	212	1	109
	Through-Right		1							1				1				1	
	Right	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	23		North-South:	23		North-South:	23			North-South:	23			North-South:	23	
			East-West:	107		East-West:	350		East-West:	155			East-West:	398			East-West:	398	
			SUM:	130		SUM:	373		SUM:	178			SUM:	421			SUM:	421	
	VOLUME/CAPACITY (V/C) RATIO:			0.091			0.262			0.125				0.295				0.295	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.046			0.162			0.062				0.195				0.195	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.133 | Δv/c after mitigation: 0.133 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	62	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

	MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	46	1	46	0	46	46	8	55	1	55	0	55	1	55	0	55	1	55
	Left-Through		0							0				0				0	
	Through	244	1	132	0	244	132	0	247	1	135	0	247	1	135	0	247	1	135
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	3	23	0	23	0	23	0	23	0	23	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	229	1	121	0	229	121	0	232	1	122	0	232	1	122	0	232	1	122
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	1	37	0	37	37	0	37	1	37	0	37	1	37	0	37	1	37
	Left-Through		0							0				0				0	
	Through	181	1	112	486	667	355	88	271	1	161	486	757	1	404	0	757	1	404
	Through-Right		1							1				1				1	
	Right	43	0	43	0	43	43	6	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	33	1	33	0	33	33	0	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	111	1	65	0	111	65	51	163	1	91	0	163	1	91	0	163	1	91
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	167		North-South:	167		North-South:	177			North-South:	177			North-South:	177	
			East-West:	145		East-West:	388		East-West:	194			East-West:	437			East-West:	437	
			SUM:	312		SUM:	555		SUM:	371			SUM:	614			SUM:	614	
	VOLUME/CAPACITY (V/C) RATIO:			0.219			0.389			0.260				0.431				0.431	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.119			0.289			0.160				0.331				0.331	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.171 | Δv/c after mitigation: 0.171 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	63	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 3, EB-- 0 WB-- 3 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

	MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	76	1	76	0	76	76	8	85	1	85	0	85	1	85	0	85	1	85
	Left-Through		0							0				0				0	
	Through	361	2	134	0	361	134	396	761	2	270	0	761	2	270	0	761	2	270
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	5	48	0	48	0	48	0	48	0	48	0	48
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	46	1	46	0	46	46	4	51	1	51	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	342	2	171	159	501	251	94	440	2	220	159	599	2	300	0	599	2	300
	Through-Right		0							0				0				0	
	Right	49	1	0	0	49	0	3	53	1	0	0	53	1	0	0	53	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	73	1	73	0	73	73	3	77	1	77	0	77	1	77	0	77	1	77
	Left-Through		0							0				0				0	
	Through	134	1	134	0	134	134	6	142	1	142	0	142	1	142	0	142	1	142
	Through-Right		0							0				0				0	
	Right	115	1	77	0	115	77	3	119	1	77	0	119	1	77	0	119	1	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	98	1	98	0	98	98	33	132	1	132	0	132	1	132	0	132	1	132
	Left-Through		0							0				0				0	
	Through	296	2	148	0	296	148	6	306	2	153	0	306	2	153	0	306	2	153
	Through-Right		0							0				0				0	
	Right	122	1	76	0	122	76	31	154	1	103	0	154	1	103	0	154	1	103
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	247		North-South:	327		North-South:	321			North-South:	385			North-South:	385	
			East-West:	232		East-West:	232		East-West:	274			East-West:	274			East-West:	274	
			SUM:	479		SUM:	559		SUM:	595			SUM:	659			SUM:	659	
	VOLUME/CAPACITY (V/C) RATIO:			0.348			0.407			0.433				0.479				0.479	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.248			0.307			0.333				0.379				0.379	
	LEVEL OF SERVICE (LOS):			A			A			A				A				A	

PROJECT IMPACT

Change in v/c due to project: 0.046 | Δv/c after mitigation: 0.046 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	64	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 2 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

	MOVEMENT	EXISTING CONDITION Volume	No. of Lanes	Lane Volume	EXISTING PLUS PROJECT Project Traffic	Total Volume	Lane Volume	FUTURE CONDITION W/O PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE CONDITION W/ PROJECT Added Volume	Total Volume	No. of Lanes	Lane Volume	FUTURE W/ PROJECT W/ MITIGATION Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	16	1	16	0	16	16	0	16	1	16	0	16	1	16	0	16	1	16
	Left-Through		0							0				0				0	
	Through	549	2	197	1001	1550	531	265	821	2	293	1001	1822	2	627	-68	1754	2	604
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	16	59	0	59	0	59	0	59	0	59	0	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	241	1	211	0	241	211	15	259	1	221	0	259	1	221	0	259	1	221
	Through-Right		1							1				1				1	
	Right	181	0	181	0	181	181	0	183	0	183	0	183	0	183	0	183	0	183
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	56	1	56	150	206	206	0	57	1	57	150	207	1	207	68	275	1	275
	Left-Through		0							0				0				0	
	Through	528	2	176	0	528	176	55	589	2	196	0	589	2	196	0	589	2	196
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	8	8	1	0	0	8	1	0	0	8	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	197		North-South:	531		North-South:	293			North-South:	627			North-South:	604	
			East-West:	267		East-West:	417		East-West:	278			East-West:	428			East-West:	496	
			SUM:	464		SUM:	948		SUM:	571			SUM:	1055			SUM:	1100	
	VOLUME/CAPACITY (V/C) RATIO:			0.309			0.632			0.415				0.767				0.800	
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.209			0.532			0.315				0.667				0.700	
	LEVEL OF SERVICE (LOS):			A			A			A				B				C	

PROJECT IMPACT

Change in v/c due to project: 0.352 | Δv/c after mitigation: 0.385 | Significant impacted?: NO | Fully mitigated?: N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	65	North-South Street:	I-110 NB Off General	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	200	1	**147**	0	200	**147**	16	218	1	**185**	0	218	1	**185**	0	218	1	**185**
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	93	0	147	0	93	147	58	152	0	185	0	152	0	185	0	152	0	185
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		1							1				1				0	
SOUTHBOUND	↰	Left	70	1	**46**	0	70	**46**	8	79	2	**43**	0	79	2	**43**	0	79	2	**43**
	↰	Left-Through		0							0				0				0	
	↑	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↱	Through-Right		0							0				0				0	
	↱	Right	21	0	46	0	21	46	15	36	1	36	0	36	1	36	0	36	1	36
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		1							0				0				0	
EASTBOUND	↰	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	↰	Left-Through		0							0				0				0	
	→	Through	144	2	72	0	144	72	15	161	2	81	0	161	2	81	0	161	2	81
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰	Left-Through		0							0				0				0	
	→	Through	248	2	**124**	150	398	**199**	39	290	2	**145**	150	440	2	**220**	68	508	2	**254**
	↱	Through-Right		0							0				0				0	
	↱	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		193	*North-South:*		193	*North-South:*			228	*North-South:*			228	*North-South:*			228
			East-West:		124	*East-West:*		199	*East-West:*			145	*East-West:*			220	*East-West:*			254
			SUM:		317	*SUM:*		392	*SUM:*			373	*SUM:*			448	*SUM:*			482
	VOLUME/CAPACITY (*V/C*) RATIO:				0.222			0.275				0.262				0.314				0.338
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.122**			**0.175**				**0.162**				**0.214**				**0.238**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

	No. of Phases				3			3			3				3				3	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				1			1			1				1				1	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 2	SB--	2	NB-- 2	SB--	2	NB-- 2	SB--	2	NB-- 2	SB--	2	NB-- 2	SB--	2	NB-- 2	SB--	2
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
	Override Capacity			0			0			0			0			0			0

PROJECT IMPACT

Change in *v/c* due to project: **0.052** | *Δv/c* after mitigation: **0.076**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	66	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	14	1	**14**	0	14	**14**	0	14	1	**14**	0	14	1	**14**	0	14	1	**14**
	↰	Left-Through		0							0				0				0	
	↑	Through	38	1	38	0	38	38	0	38	1	38	0	38	1	38	0	38	1	38
	↱	Through-Right		0							0				0				0	
	↱	Right	12	1	1	0	12	1	0	12	1	1	0	12	1	1	0	12	1	1
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	26	1	26	0	26	26	0	26	1	26	0	26	1	26	0	26	1	26
	↰	Left-Through		0							0				0				0	
	↑	Through	87	1	**62**	202	289	**188**	160	248	1	**142**	202	450	1	**269**	0	450	1	**303**
	↱	Through-Right		1							1				1				1	
	↱	Right	36	0	36	51	87	87	0	36	0	36	51	87	0	87	68	155	0	155
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	28	1	28	0	28	**28**	15	43	1	43	0	43	1	**43**	0	43	1	**43**
	↰	Left-Through		0							0				0				0	
	→	Through	214	1	**111**	0	214	111	59	276	1	**142**	0	276	1	142	0	276	1	142
	↱	Through-Right		1							1				1				1	
	↱	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	22	1	**22**	0	22	22	0	22	1	**22**	0	22	1	22	0	22	1	22
	↰	Left-Through		0							0				0				0	
	→	Through	175	1	92	99	274	**141**	39	216	1	112	99	315	1	**162**	0	315	1	**162**
	↱	Through-Right		1							1				1				1	
	↱	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		76	*North-South:*		202	*North-South:*			156	*North-South:*			283	*North-South:*			317
			East-West:		133	*East-West:*		169	*East-West:*			164	*East-West:*			205	*East-West:*			205
			SUM:		209	*SUM:*		371	*SUM:*			320	*SUM:*			488	*SUM:*			522
	VOLUME/CAPACITY (*V/C*) RATIO:				0.139			0.247				0.213				0.325				0.348
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.070**			**0.147**				**0.113**				**0.225**				**0.248**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

	No. of Phases				2			2			2				2				2	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
	Override Capacity			0			0			0			0			0			0

PROJECT IMPACT

Change in *v/c* due to project: **0.112** | *Δv/c* after mitigation: **0.135**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	67	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	4	1	**4**	0	4	**4**	0	4	1	**4**	0	4	1	**4**	0	4	1	**4**
	↰	Left-Through		0							0				0				0	
	↑	Through	36	1	22	0	36	22	74	110	1	59	0	110	1	59	0	110	1	59
	↱	Through-Right		1							1				1				1	
	↱	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	12	1	12	0	12	12	0	12	1	12	0	12	1	12	0	12	1	12
	↰	Left-Through		0							0				0				0	
	↑	Through	70	1	**45**	111	181	**130**	63	134	1	**79**	111	245	1	**164**	0	245	1	**164**
	↱	Through-Right		1							1				1				1	
	↱	Right	19	0	19	60	79	79	4	23	0	23	60	83	0	83	0	83	0	83
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	14	1	14	0	14	**14**	13	27	1	27	0	27	1	**27**	0	27	1	**27**
	↰	Left-Through		0							0				0				0	
	→	Through	237	1	**121**	0	237	121	46	286	1	**146**	0	286	1	146	0	286	1	146
	↱	Through-Right		1							1				1				1	
	↱	Right	5	0	5	0	5	5	0	5	0	5	0	5	0	5	0	5	0	5
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	10	1	**10**	0	10	10	0	10	1	**10**	0	10	1	10	0	10	1	10
	↰	Left-Through		0							0				0				0	
	→	Through	191	1	101	39	230	**120**	35	228	1	119	39	267	1	**139**	0	267	1	**139**
	↱	Through-Right		1							1				1				1	
	↱	Right	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		49	*North-South:*		134	*North-South:*			83	*North-South:*			168	*North-South:*			168
			East-West:		131	*East-West:*		134	*East-West:*			156	*East-West:*			166	*East-West:*			166
			SUM:		180	*SUM:*		268	*SUM:*			239	*SUM:*			334	*SUM:*			334
	VOLUME/CAPACITY (*V/C*) RATIO:				0.120			0.179				0.159				0.223				0.223
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.060**			**0.089**				**0.080**				**0.123**				**0.123**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

	No. of Phases				2			2			2				2				2	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
	Override Capacity			0			0			0			0			0			0

PROJECT IMPACT

Change in *v/c* due to project: **0.043** | *Δv/c* after mitigation: **0.043**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	68	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↰	Left	16	1	**16**	0	16	**16**	1	17	1	**17**	0	17	1	**17**	0	17	1	**17**
	↰	Left-Through		0							0				0				0	
	↑	Through	100	1	54	0	100	54	68	169	1	89	0	169	1	89	0	169	1	89
	↱	Through-Right		1							1				1				1	
	↱	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
SOUTHBOUND	↰	Left	11	1	11	0	11	11	1	12	1	12	0	12	1	12	0	12	1	12
	↰	Left-Through		0							0				0				0	
	↑	Through	92	1	**50**	0	92	**69**	64	157	1	**85**	0	157	1	**104**	0	157	1	**104**
	↱	Through-Right		1							1				1				1	
	↱	Right	7	0	7	39	46	46	5	12	0	12	39	51	0	51	0	51	0	51
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
EASTBOUND	↰	Left	4	1	4	0	4	4	3	7	1	7	0	7	1	7	0	7	1	7
	↰	Left-Through		0							0				0				0	
	→	Through	235	1	**124**	0	235	**124**	42	280	1	**147**	0	280	1	**147**	0	280	1	**147**
	↱	Through-Right		1							1				1				1	
	↱	Right	12	0	12	0	12	12	1	13	0	13	0	13	0	13	0	13	0	13
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
WESTBOUND	↰	Left	14	1	**14**	0	14	**14**	0	14	1	**14**	0	14	1	**14**	0	14	1	**14**
	↰	Left-Through		0							0				0				0	
	→	Through	188	1	97	0	188	97	28	218	1	112	0	218	1	112	0	218	1	112
	↱	Through-Right		1							1				1				1	
	↱	Right	6	0	6	0	6	6	0	6	0	6	0	6	0	6	0	6	0	6
	↰↑	Left-Through-Right		0							0				0				0	
	↰	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*		66	*North-South:*		85	*North-South:*			102	*North-South:*			121	*North-South:*			121
			East-West:		138	*East-West:*		138	*East-West:*			161	*East-West:*			161	*East-West:*			161
			SUM:		204	*SUM:*		223	*SUM:*			263	*SUM:*			282	*SUM:*			282
	VOLUME/CAPACITY (*V/C*) RATIO:				0.136			0.149				0.175				0.188				0.188
	V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.068**			**0.074**				**0.088**				**0.094**				**0.094**
	LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				**A**

	No. of Phases				2			2			2				2				2	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
		EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
	Override Capacity			0			0			0			0			0			0

PROJECT IMPACT

Change in *v/c* due to project: **0.006** | *Δv/c* after mitigation: **0.006**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	69	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Adams	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	12	1	12	0	12	12	0	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	125	1	75	0	125	75	172	299	1	162	0	299	1	162	0	299	1	162
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	19	1	19	0	19	19	0	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	110	1	61	0	110	61	122	233	1	123	0	233	1	123	0	233	1	123
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	2	13	0	13	0	13	0	13	0	13	0	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	12	1	12	0	12	12	11	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	216	1	120	0	216	120	31	250	1	137	0	250	1	137	0	250	1	137
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through		0							0				0				0	
	Through	179	1	94	0	179	94	27	208	1	109	0	208	1	109	0	208	1	109
	Through-Right		1							1				1				1	
	Right	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		94	North-South:		94	North-South:			181	North-South:			181	North-South:			181
		East-West:		142	East-West:		142	East-West:			159	East-West:			159	East-West:			159
		SUM:		236	SUM:		236	SUM:			340	SUM:			340	SUM:			340
VOLUME/CAPACITY (V/C) RATIO:				0.172			0.172				0.247				0.247				0.247
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.086			0.086				0.147				0.147				0.147
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	70	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Jefferson	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	1	17	0	17	17	4	21	1	21	0	21	1	21	0	21	1	21
	Left-Through		0							0				0				0	
	Through	109	2	38	673	782	263	221	331	2	126	673	1004	2	350	0	1004	2	350
	Through-Right		1							1				1				1	
	Right	6	0	6	0	6	6	40	46	0	46	0	46	0	46	0	46	0	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	236	2	118	0	236	118	160	399	2	200	0	399	2	200	0	399	2	200
	Through-Right		0							0				0				0	
	Right	218	1	218	0	218	218	83	304	1	304	0	304	1	304	0	304	1	304
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	57	1	57	33	90	90	0	58	1	58	33	91	1	91	0	91	1	91
	Left-Through		0							0				0				0	
	Through	294	2	147	11	305	153	81	379	2	190	11	390	2	195	0	390	2	195
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		38	North-South:		263	North-South:			126	North-South:			350	North-South:			350
		East-West:		275	East-West:		308	East-West:			362	East-West:			395	East-West:			395
		SUM:		313	SUM:		571	SUM:			488	SUM:			745	SUM:			745
VOLUME/CAPACITY (V/C) RATIO:				0.220			0.401				0.355				0.542				0.542
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.120			0.301				0.255				0.442				0.442
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.187 | Δv/c after mitigation: 0.187

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	71	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Exposition	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	307	3	83	0	307	83	231	542	3	144	0	542	3	144	0	542	3	144
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	7	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	287	1	287	28	315	315	90	380	1	380	28	408	1	408	0	408	1	408
	Left-Through		0							0				0				0	
	Through	307	2	154	141	448	224	83	394	1	197	141	535	1	268	0	535	1	268
	Through-Right		0							1				1				1	
	Right	70	1	35	0	70	35	0	71	1	36	0	71	1	36	0	71	1	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	63	2	35	0	63	35	0	64	2	35	0	64	2	35	0	64	2	35
	Left-Through		0							0				0				0	
	Through	270	3	90	0	270	90	14	287	3	96	0	287	3	96	0	287	3	96
	Through-Right		0							0				0				0	
	Right	64	1	0	0	64	0	0	65	1	0	0	65	1	0	0	65	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	16	1	16	4	20	20	4	20	1	20	4	24	1	24	0	24	1	24
	Left-Through		0							0				0				0	
	Through	225	2	113	0	225	113	9	237	2	119	0	237	2	119	0	237	2	119
	Through-Right		0							0				0				0	
	Right	194	1	51	0	194	37	39	235	1	45	0	235	1	31	0	235	1	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		370	North-South:		398	North-South:			524	North-South:			552	North-South:			552
		East-West:		148	East-West:		148	East-West:			154	East-West:			154	East-West:			154
		SUM:		518	SUM:		546	SUM:			678	SUM:			706	SUM:			706
VOLUME/CAPACITY (V/C) RATIO:				0.377			0.397				0.493				0.513				0.513
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.277			0.297				0.393				0.413				0.413
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.020 | Δv/c after mitigation: 0.020

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	72	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	117	2	64	0	117	64	0	118	2	65	0	118	2	65	0	118	2	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	388	2	213	639	1027	565	88	481	2	265	639	1120	2	616	0	1120	2	616
	Left-Through		0							0				0				0	
	Through	75	2	38	62	137	69	211	287	2	144	62	349	2	175	0	349	2	175
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	542	4	115	28	570	121	111	660	4	139	28	688	4	145	0	688	4	145
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		277	North-South:		629	North-South:			330	North-South:			681	North-South:			681
		East-West:		115	East-West:		121	East-West:			139	East-West:			145	East-West:			145
		SUM:		392	SUM:		750	SUM:			469	SUM:			826	SUM:			826
VOLUME/CAPACITY (V/C) RATIO:				0.275			0.526				0.329				0.580				0.580
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.175			0.426				0.229				0.480				0.480
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.251 | Δv/c after mitigation: 0.251

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	73	North-South Street:	I-110 NB Off- Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	242	2	85	0	242	85	44	289	2	101	0	289	2	101	0	289	2	101
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	0	13	0	13	0	13	0	13	0	13	0	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	388	2	213	0	388	213	74	467	2	257	0	467	2	257	0	467	2	257
	Left-Through		0							0				0				0	
	Through	43	2	22	0	43	22	1	45	2	23	0	45	2	23	0	45	2	23
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	70	1	70	0	70	70	1	72	1	72	0	72	1	72	0	72	1	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		85	North-South:		85	North-South:		101		North-South:			101	North-South:			101
		East-West:		283	East-West:		283	East-West:		329		East-West:			329	East-West:			329
		SUM:		368	SUM:		368	SUM:		430		SUM:			430	SUM:			430
VOLUME/CAPACITY (V/C) RATIO:				0.258			0.258			0.302					0.302				0.302
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.158			0.158			0.202					0.202				0.202
LEVEL OF SERVICE (LOS):				A			A			A					A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	74	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	37th Street	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Left-Through		0							0				0				0	
	Through	22	1	12	0	22	12	74	96	1	49	0	96	1	49	0	96	1	49
	Through-Right		1							1				1				1	
	Right	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Left-Through		0							0				0				0	
	Through	67	1	39	111	178	94	63	131	1	71	111	242	1	126	0	242	1	126
	Through-Right		1							1				1				1	
	Right	10	0	10	0	10	10	0	10	0	10	0	10	0	10	0	10	0	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
	Left-Through		1							1				1				1	
	Through	10	0	17	0	10	17	1	11	0	18	0	11	0	18	0	11	0	18
	Through-Right		0							0				0				0	
	Right	9	1	9	0	9	9	0	9	1	9	0	9	1	9	0	9	1	9
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1	0	2	0	1	2	1	2	0	3	0	2	0	3	0	2	0	3
	Through-Right		0							0				0				0	
	Right	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		40	North-South:		95	North-South:		72		North-South:			127	North-South:			127
		East-West:		17	East-West:		17	East-West:		18		East-West:			18	East-West:			18
		SUM:		57	SUM:		112	SUM:		90		SUM:			145	SUM:			145
VOLUME/CAPACITY (V/C) RATIO:				0.038			0.075			0.060					0.097				0.097
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.019			0.037			0.030					0.048				0.048
LEVEL OF SERVICE (LOS):				A			A			A					A				A

PROJECT IMPACT

Change in v/c due to project: 0.018 Δv/c after mitigation: 0.018

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	75	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	37th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	4	1	4	0	4	4	1	5	1	5	0	5	1	5	0	5	1	5
	Left-Through		0							0				0				0	
	Through	108	1	55	0	108	55	72	181	1	92	0	181	1	92	0	181	1	92
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	Left-Through		0							0				0				0	
	Through	164	1	83	0	164	83	75	241	1	122	0	241	1	122	0	241	1	122
	Through-Right		1							1				1				1	
	Right	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through		0							0				0				0	
	Through	4	0	17	0	4	17	0	4	0	18	0	4	0	18	0	4	0	18
	Through-Right		0							0				0				0	
	Right	2	0	0	0	2	0	1	3	0	0	0	3	0	0	0	3	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		87	North-South:		87	North-South:		127		North-South:			127	North-South:			127
		East-West:		17	East-West:		17	East-West:		18		East-West:			18	East-West:			18
		SUM:		104	SUM:		104	SUM:		145		SUM:			145	SUM:			145
VOLUME/CAPACITY (V/C) RATIO:				0.069			0.069			0.097					0.097				0.097
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.035			0.035			0.048					0.048				0.048
LEVEL OF SERVICE (LOS):				A			A			A					A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	76	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4			4			4			4			4			4			4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--			0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?				2			2			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	2	0	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0
	Left-Through		0							0				0				0	
	Through	204	2	75	0	204	75	230	437	2	153	0	437	2	153	0	437	2	153
	Through-Right		1							1				1				1	
	Right	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	30	2	17	0	30	17	0	31	2	17	0	31	2	17	0	31	2	17
	Left-Through		0							0				0				0	
	Through	296	2	99	146	442	148	90	390	2	130	146	536	2	179	0	536	2	179
	Through-Right		1							1				1				1	
	Right	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	5	1	2	0	5	2	0	5	1	2	0	5	1	2	0	5	1	2
	Left-Through		1							1				1				1	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		1							1				1				1	
	Right	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	41	1	23	0	41	23	0	42	1	23	0	42	1	23	0	42	1	23
	Left-Through		1							1				1				1	
	Through	9	0	72	0	9	72	0	9	0	73	0	9	0	73	0	9	0	73
	Through-Right		1							1				1				1	
	Right	63	0	63	0	63	63	0	64	0	64	0	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		99	North-South:		148	North-South:		170		North-South:			179	North-South:			179
		East-West:		74	East-West:		74	East-West:		75		East-West:			75	East-West:			75
		SUM:		173	SUM:		222	SUM:		245		SUM:			254	SUM:			254
VOLUME/CAPACITY (V/C) RATIO:				0.126			0.161			0.178					0.185				0.185
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.063			0.081			0.089					0.092				0.092
LEVEL OF SERVICE (LOS):				A			A			A					A				A

PROJECT IMPACT

Change in v/c due to project: 0.003 Δv/c after mitigation: 0.003

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	77	North-South Street:	I-110 SB HOV Off Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	39th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	12	0	64	0	12	64	0	12	0	65	0	12	0	65	0	12	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	24	2	12	0	24	12	0	24	2	12	0	24	2	12	0	24	2	12
	Through-Right		0							0				0				0	
	Right	31	1	31	62	93	93	0	32	1	32	62	94	1	94	0	94	1	94
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	25	1	25	224	249	249	0	26	1	26	224	250	1	250	0	250	1	250
	Left-Through		0							0				0				0	
	Through	26	2	13	0	26	13	0	27	2	14	0	27	2	14	0	27	2	14
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	64		North-South:	64		North-South:	65			North-South:	65			North-South:	65	
			East-West:	56		East-West:	342		East-West:	58			East-West:	344			East-West:	344	
			SUM:	120		SUM:	406		SUM:	123			SUM:	409			SUM:	409	
	VOLUME/CAPACITY (V/C) RATIO:			0.080			0.271				0.082				0.273				0.273
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.040			0.171				0.041				0.173				0.173
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.132 — Δv/c after mitigation: 0.132

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	78	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	50	1	50	0	50	50	2	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	145	3	48	0	145	48	212	359	3	120	0	359	3	120	0	359	3	120
	Through-Right		0							0				0				0	
	Right	66	1	0	0	66	0	2	69	1	0	0	69	1	0	0	69	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	58	1	58	146	204	204	37	96	1	96	146	242	1	242	0	242	1	242
	Left-Through		0							0				0				0	
	Through	201	2	89	0	201	89	52	255	2	85	0	255	2	85	0	255	2	85
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	1	68	1	29	0	68	1	29	0	68	1	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	76	1	76	0	76	76	1	78	1	78	0	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	751	2	268	0	751	268	1	761	2	272	0	761	2	272	0	761	2	272
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	1	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	123	1	123	0	123	123	4	129	1	129	0	129	1	129	0	129	1	129
	Left-Through		0							0				0				0	
	Through	611	2	226	0	611	226	1	620	2	235	0	620	2	235	0	620	2	235
	Through-Right		1							1				1				1	
	Right	66	0	66	0	66	66	17	84	0	84	0	84	0	84	0	84	0	84
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	139		North-South:	252		North-South:	216			North-South:	362			North-South:	362	
			East-West:	391		East-West:	391		East-West:	401			East-West:	401			East-West:	401	
			SUM:	530		SUM:	643		SUM:	617			SUM:	763			SUM:	763	
	VOLUME/CAPACITY (V/C) RATIO:			0.385			0.468				0.449				0.555				0.555
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.285			0.368				0.349				0.455				0.455
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.106 — Δv/c after mitigation: 0.106

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	79	North-South Street:	I-110 SB Ramps	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	212	1	194	0	212	194	0	214	1	197	0	214	1	197	0	214	1	197
	Left-Through		0							0				0				0	
	Through	5	0	0	0	5	0	0	5	0	0	0	5	0	0	0	5	0	0
	Through-Right		0							0				0				0	
	Right	370	1	194	0	370	194	3	377	1	197	0	377	1	197	0	377	1	197
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	520	2	260	0	520	260	39	565	2	283	0	565	2	283	0	565	2	283
	Through-Right		1							1				1				1	
	Right	408	0	408	146	554	554	0	413	0	413	146	559	0	559	0	559	0	559
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	170	1	170	44	214	214	0	172	1	172	44	216	1	216	0	216	1	216
	Left-Through		0							0				0				0	
	Through	497	3	166	0	497	166	19	522	3	174	0	522	3	174	0	522	3	174
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	194		North-South:	194		North-South:	197			North-South:	197			North-South:	197	
			East-West:	578		East-West:	768		East-West:	585			East-West:	775			East-West:	775	
			SUM:	772		SUM:	962		SUM:	782			SUM:	972			SUM:	972	
	VOLUME/CAPACITY (V/C) RATIO:			0.515			0.641				0.521				0.648				0.648
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.415			0.541				0.421				0.548				0.548
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.127 — Δv/c after mitigation: 0.127

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	80	North-South Street:	I-110 NB Ramps/Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	MLK	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	218	1	159	0	218	159	0	220	1	197	0	220	1	197	0	220	1	197
	Left-Through		0							0				0				0	
	Through	17	0	159	0	17	159	74	91	0	197	0	91	0	197	0	91	0	197
	Through-Right		0							0				0				0	
	Right	82	0	0	0	82	0	0	83	0	0	0	83	0	0	0	83	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	11	1	11	0	11	11	0	11	1	11	0	11	1	11	0	11	1	11
	Left-Through		0							0				0				0	
	Through	5	1	5	0	5	5	63	68	1	68	0	68	1	68	0	68	1	68
	Through-Right		0							0				0				0	
	Right	40	1	29	44	84	73	0	41	1	30	44	85	1	74	0	85	1	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	22	1	22	0	22	22	0	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	390	2	195	0	390	195	39	433	2	217	0	433	2	217	0	433	2	217
	Through-Right		1							1				1				1	
	Right	224	0	145	0	224	145	0	227	0	129	0	227	0	129	0	227	0	129
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	93	1	92	0	93	92	0	94	1	94	0	94	1	94	0	94	1	94
	Left-Through		0							0				0				0	
	Through	405	2	139	0	405	139	19	429	2	147	0	429	2	147	0	429	2	147
	Through-Right		1							1				1				1	
	Right	13	0	12	0	13	12	0	13	0	13	0	13	0	13	0	13	0	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	188		North-South:	232		North-South:	265			North-South:	271			North-South:	271	
			East-West:	287		East-West:	287		East-West:	311			East-West:	311			East-West:	311	
			SUM:	475		SUM:	519		SUM:	576			SUM:	582			SUM:	582	
	VOLUME/CAPACITY (V/C) RATIO:			0.345			0.377				0.419				0.423				0.423
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.245			0.277				0.319				0.323				0.323
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.004 — Δv/c after mitigation: 0.004

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	81	North-South Street:	Georgia	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	James Wood	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	242	1	242	353	595	595	105	350	1	350	353	703	1	703	0	703	1	703
	Through-Right		0							0				0				0	
	Right	27	1	27	78	105	105	6	33	1	33	78	111	1	111	0	111	1	111
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	208	0	208	0	208	208	14	225	0	225	0	225	0	225	0	225	0	225
	Left-Through		1							1				1				1	
	Through	291	1	169	24	315	177	274	569	1	267	24	593	1	275	0	593	1	275
	Through-Right		1							1				1				1	
	Right	8	0	169	0	8	177	0	8	0	267	0	8	0	275	0	8	0	275
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		242		North-South:	595		North-South:		350		North-South:		703		North-South:		703
		East-West:		208		East-West:	208		East-West:		267		East-West:		275		East-West:		275
		SUM:		450		SUM:	803		SUM:		617		SUM:		978		SUM:		978
VOLUME/CAPACITY (v/c) RATIO:				0.300			0.535				0.411				0.652				0.652
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.200			0.435				0.311				0.552				0.552
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.241 | Δv/c after mitigation: 0.241 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	82	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	1	23	208	231	231	66	89	1	89	208	297	1	297	0	297	1	297
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	104	0	104	18	122	122	61	166	1	166	18	184	1	184	0	184	1	184
	Left-Through		1							1				1				1	
	Through	641	3	186	219	860	246	441	1090	4	218	219	1309	4	262	0	1309	4	262
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		23		North-South:	231		North-South:		89		North-South:		297		North-South:		297
		East-West:		186		East-West:	246		East-West:		218		East-West:		262		East-West:		262
		SUM:		209		SUM:	477		SUM:		307		SUM:		559		SUM:		559
VOLUME/CAPACITY (v/c) RATIO:				0.139			0.318				0.205				0.373				0.373
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.070			0.218				0.105				0.273				0.273
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.168 | Δv/c after mitigation: 0.168 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	83	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	486	3	140	223	709	200	459	951	3	266	259	1210	3	335	-468	742	3	218
	Through-Right		1							1				1				1	
	Right	73	0	73	17	90	90	39	113	0	113	17	130	0	130	0	130	0	130
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	162	1	131	283	445	245	64	228	1	228	283	511	1	319	0	511	1	319
	Left-Through		1							1				1				1	
	Through	492	3	131	144	636	212	442	940	3	235	144	1084	3	319	0	1084	3	319
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		140		North-South:	200		North-South:		266		North-South:		335		North-South:		218
		East-West:		131		East-West:	245		East-West:		235		East-West:		319		East-West:		319
		SUM:		271		SUM:	445		SUM:		501		SUM:		654		SUM:		537
VOLUME/CAPACITY (v/c) RATIO:				0.181			0.297				0.334				0.436				0.358
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.090			0.197				0.234				0.336				0.258
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.102 | Δv/c after mitigation: 0.024 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	84	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT			FUTURE CONDITION W/ PROJECT			FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	154	1	154	53	207	207	6	162	1	162	53	215	1	215	0	215	1	215
	Left-Through		0							0				0				0	
	Through	369	4	92	147	516	129	307	680	4	170	147	827	4	207	-241	586	4	147
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	241	241	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	413	3	138	145	558	181	355	773	3	258	145	918	3	303	0	918	3	303
	Through-Right		1							1				1				1	
	Right	151	0	151	16	167	167	126	279	0	279	16	295	0	295	0	295	0	295
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		154		North-South:	207		North-South:		170		North-South:		215		North-South:		215
		East-West:		151		East-West:	181		East-West:		279		East-West:		303		East-West:		303
		SUM:		305		SUM:	388		SUM:		449		SUM:		518		SUM:		518
VOLUME/CAPACITY (v/c) RATIO:				0.203			0.259				0.299				0.345				0.345
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.103			0.159				0.199				0.245				0.245
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.046 | Δv/c after mitigation: 0.046 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	85	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	9th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	144	1	81	0	144	81	96	242	1	130	0	242	1	130	0	242	1	130
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	1	12	0	12	12	2	14	1	14	0	14	1	14	0	14	1	14
	Left-Through		0							0				0				0	
	Through	118	2	59	0	118	59	58	177	1	177	0	177	1	177	0	177	1	177
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	42	1	42	0	42	42	44	87	1	87	0	87	1	87	0	87	1	87
	Left-Through		0							0				0				0	
	Through	188	3	63	171	359	120	185	375	3	125	171	546	3	182	0	546	3	182
	Through-Right		0							0				0				0	
	Right	33	1	33	14	47	47	49	82	1	82	14	96	1	96	0	96	1	96
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		93	North-South:		93	North-South:			177	North-South:			177	North-South:			177
		East-West:		63	East-West:		120	East-West:			125	East-West:			182	East-West:			182
		SUM:		156	SUM:		213	SUM:			302	SUM:			359	SUM:			359
VOLUME/CAPACITY (V/C) RATIO:				0.104			0.142				0.201				0.239				0.239
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.052			0.071				0.101				0.139				0.139
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.038 | Δv/c after mitigation: 0.038

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	86	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	576	2	288	0	576	288	86	669	2	335	0	669	2	335	0	669	2	335
	Through-Right		0							0				0				0	
	Right	45	1	45	0	45	45	0	46	1	46	0	46	1	46	0	46	1	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	326	2	179	321	647	356	153	483	2	266	357	840	2	462	0	840	2	462
	Left-Through		0							0				0				0	
	Through	280	1	191	159	439	284	101	384	1	244	159	543	1	337	0	543	1	337
	Through-Right		1							1				1				1	
	Right	102	0	102	27	129	129	1	104	0	104	27	131	0	131	0	131	0	131
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		288	North-South:		288	North-South:			335	North-South:			335	North-South:			335
		East-West:		191	East-West:		356	East-West:			266	East-West:			462	East-West:			462
		SUM:		479	SUM:		644	SUM:			601	SUM:			797	SUM:			797
VOLUME/CAPACITY (V/C) RATIO:				0.319			0.429				0.401				0.531				0.531
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.219			0.329				0.301				0.431				0.431
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.130 | Δv/c after mitigation: 0.130

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	87	North-South Street:	Francisco	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	249	2	137	214	463	255	71	323	2	178	214	537	2	295	0	537	2	295
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	16	16	0	0	0	16	0	0	0	16	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	28	28	0	0	0	28	0	0	0	28	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	30	0	30	0	30	30	138	168	0	168	0	168	0	168	0	168	0	168
	Left-Through		1							1				1				1	
	Through	689	4	144	598	1287	263	349	1046	4	243	634	1680	4	370	0	1680	4	370
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	40	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		137	North-South:		255	North-South:			178	North-South:			295	North-South:			295
		East-West:		144	East-West:		263	East-West:			243	East-West:			370	East-West:			370
		SUM:		281	SUM:		518	SUM:			421	SUM:			665	SUM:			665
VOLUME/CAPACITY (V/C) RATIO:				0.187			0.345				0.281				0.443				0.443
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.094			0.245				0.181				0.343				0.343
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.162 | Δv/c after mitigation: 0.162

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	88	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2				2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2			2			2			2	
Override Capacity			0			0			0				0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	164	1	164	283	447	447	183	349	1	349	319	668	1	668	0	668	1	668
	Left-Through		0							0				0				0	
	Through	519	6	87	674	1193	199	341	866	6	144	674	1540	6	257	0	1540	6	257
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	607	4	152	315	922	231	345	959	4	240	315	1274	4	319	0	1274	4	319
	Through-Right		0							0				0				0	
	Right	99	1	99	95	194	194	15	115	1	115	95	210	1	210	0	210	1	210
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		164	North-South:		447	North-South:			349	North-South:			668	North-South:			668
		East-West:		152	East-West:		231	East-West:			240	East-West:			319	East-West:			319
		SUM:		316	SUM:		678	SUM:			589	SUM:			987	SUM:			987
VOLUME/CAPACITY (V/C) RATIO:				0.211			0.452				0.393				0.658				0.658
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.111			0.352				0.293				0.558				0.558
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.265 | Δv/c after mitigation: 0.265

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
89	Flower	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	8th	2017			LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	347	4	87	64	411	103	272	623	4	156	64	687	4	172	0	687	4	172
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	163	1	163	222	385	385	36	201	1	201	222	423	1	423	0	423	1	423
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	60	0	60	0	60	60	41	102	0	102	0	102	0	102	0	102	0	102
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	521	3	145	155	676	184	324	851	3	238	188	1039	3	285	0	1039	3	285
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		163	North-South:		385	North-South:			201	North-South:			423	North-South:			423
	East-West:		145	East-West:		184	East-West:			238	East-West:			285	East-West:			285
	SUM:		308	SUM:		569	SUM:			439	SUM:			708	SUM:			708
VOLUME/CAPACITY (V/C) RATIO:			0.205			0.379				0.293				0.472				0.472
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.105			0.279				0.193				0.372				0.372
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.179 | Δv/c after mitigation: 0.179
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
90	Hill	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	8th	2017			LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	18	1	18	7	25	25	3	21	1	21	7	28	1	28	0	28	1	28
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	73	2	37	243	316	158	84	158	2	79	243	401	2	201	0	401	2	201
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	98	2	49	18	116	58	157	256	2	128	18	274	2	137	0	274	2	137
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	38	1	38	6	44	44	45	83	1	83	6	89	1	89	0	89	1	89
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	12	1	12	0	12	12	34	46	1	46	0	46	1	46	0	46	1	46
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	199	2	72	0	199	72	235	436	2	153	0	436	2	153	0	436	2	153
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	17	0	17	0	17	17	7	24	0	24	0	24	0	24	0	24	0	24
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		67	North-South:		158	North-South:			149	North-South:			201	North-South:			201
	East-West:		72	East-West:		72	East-West:			153	East-West:			153	East-West:			153
	SUM:		139	SUM:		230	SUM:			302	SUM:			354	SUM:			354
VOLUME/CAPACITY (V/C) RATIO:			0.093			0.153				0.201				0.236				0.236
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.046			0.077				0.101				0.136				0.136
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.035 | Δv/c after mitigation: 0.035
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
91	Broadway	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	8th	2017			LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	19	1	19	0	19	19	30	49	1	49	0	49	1	49	0	49	1	49
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	172	2	86	0	172	86	109	283	2	142	0	283	2	142	0	283	2	142
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	118	1	73	0	118	73	60	179	0	228	0	179	0	228	0	179	0	228
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	28	0	28	0	28	28	21	49	0	0	0	49	0	0	0	49	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	13	0	13	0	13	13	0	13	0	13	0	13	0	13	0	13	0	13
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	175	2	55	0	175	55	224	401	2	112	0	401	2	112	0	401	2	112
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	31	0	55	0	31	55	4	35	0	112	0	35	0	112	0	35	0	112
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		92	North-South:		92	North-South:			277	North-South:			277	North-South:			277
	East-West:		55	East-West:		55	East-West:			112	East-West:			112	East-West:			112
	SUM:		147	SUM:		147	SUM:			389	SUM:			389	SUM:			389
VOLUME/CAPACITY (V/C) RATIO:			0.103			0.103				0.273				0.273				0.273
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.052			0.052				0.173				0.173				0.173
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
92	Bixel	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	**Projection Year:**	**Peak Hour:**	**Reviewed by:**	**Project:**
	Wilshire	2017			LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0 / EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 1 | Override Capacity: 0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	33	1	33	0	33	33	0	33	1	33	0	33	1	33	0	33	1	33
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	42	1	42	17	59	59	9	52	1	52	17	69	1	69	0	69	1	69
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	54	1	19	10	64	29	0	55	1	18	10	65	1	28	0	65	1	28
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	12	1	12	0	12	12	0	12	1	12	0	12	1	12	0	12	1	12
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	169	1	169	0	169	169	22	193	1	193	0	193	1	193	0	193	1	193
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	11	1	5	0	11	5	12	23	1	0	0	23	1	0	0	23	1	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	13	1	13	0	13	13	34	47	1	47	0	47	1	47	0	47	1	47
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	334	2	167	0	334	167	61	399	2	200	0	399	2	200	0	399	2	200
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	95	1	79	0	95	79	9	105	1	89	0	105	1	89	0	105	1	89
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	71	1	71	0	71	71	3	75	1	75	0	75	1	75	0	75	1	75
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	285	2	143	113	398	199	95	383	2	192	113	496	2	248	0	496	2	248
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	9	1	3	0	9	3	18	27	1	21	0	27	1	21	0	27	1	21
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		202	North-South:		202	North-South:			226	North-South:			226	North-South:			226
	East-West:		238	East-West:		238	East-West:			275	East-West:			295	East-West:			295
	SUM:		440	SUM:		440	SUM:			501	SUM:			521	SUM:			521
VOLUME/CAPACITY (V/C) RATIO:			0.293			0.293				0.334				0.347				0.347
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.223			0.223				0.234				0.247				0.247
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.013 | Δv/c after mitigation: 0.013
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	93	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3			3			3			3			3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	50	0	50	98	148	148	39	90	0	90	98	188	0	188	0	188	0	188
	Left-Through		1							1				1				1	
	Through	612	3	141	1037	1649	382	319	938	3	214	1037	1975	3	455	-179	1796	3	419
	Through-Right		1							1				1				1	
	Right	41	0	141	71	112	382	0	41	0	214	71	112	0	455	0	112	0	419
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	251	2	138	10	261	144	130	384	2	211	10	394	2	217	0	394	2	217
	Left-Through		0							0				0				0	
	Through	203	2	102	0	203	102	76	281	2	141	0	281	2	141	0	281	2	141
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	153	2	77	15	168	84	57	212	2	106	15	227	2	114	0	227	2	114
	Through-Right		0							0				0				0	
	Right	198	1	198	154	352	352	0	200	1	200	154	354	1	354	0	354	1	354
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		141	North-South:		382	North-South:			214	North-South:			455	North-South:			419
		East-West:		336	East-West:		496	East-West:			411	East-West:			571	East-West:			571
		SUM:		477	SUM:		878	SUM:			625	SUM:			1026	SUM:			990
VOLUME/CAPACITY (V/C) RATIO:				0.335			0.616				0.439				0.720				0.695
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.265			0.546				0.339				0.620				0.595
LEVEL OF SERVICE (LOS):				A			A				A				B				A

PROJECT IMPACT

Change in v/c due to project: 0.281 | Δv/c after mitigation: 0.256

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	94	North-South Street:	Lucas	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			1			1			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	11	0	11	0	11	11	5	16	0	16	0	16	0	16	0	16	0	16
	Left-Through		0							0				0				0	
	Through	64	0	79	24	88	103	37	102	0	153	24	126	0	177	0	126	0	177
	Through-Right		0							0				0				0	
	Right	4	0	0	0	4	0	31	35	0	0	0	35	0	0	0	35	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	10	0	10	0	10	10	30	40	0	40	0	40	0	40	0	40	0	40
	Left-Through		0							0				0				0	
	Through	47	0	108	0	47	108	48	96	0	191	0	96	0	191	0	96	0	191
	Through-Right		0							0				0				0	
	Right	51	0	0	0	51	0	3	55	0	0	0	55	0	0	0	55	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	67	1	67	0	67	67	3	71	1	71	0	71	1	71	0	71	1	71
	Left-Through		0							0				0				0	
	Through	349	1	180	0	349	180	141	494	1	255	0	494	1	255	0	494	1	255
	Through-Right		1							1				1				1	
	Right	11	0	11	0	11	11	4	15	0	15	0	15	0	15	0	15	0	15
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	7	1	7	0	7	7	5	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	197	1	105	0	197	105	137	336	1	190	0	336	1	190	0	336	1	190
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	32	44	0	44	0	44	0	44	0	44	0	44
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		119	North-South:		119	North-South:			207	North-South:			217	North-South:			217
		East-West:		187	East-West:		187	East-West:			267	East-West:			267	East-West:			267
		SUM:		306	SUM:		306	SUM:			474	SUM:			484	SUM:			484
VOLUME/CAPACITY (V/C) RATIO:				0.204			0.204				0.316				0.323				0.323
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.134			0.134				0.216				0.223				0.223
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.007 | Δv/c after mitigation: 0.007

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	95	North-South Street:	Bixel	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	28	1	28	0	28	28	2	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	31	0	40	0	31	57	8	39	0	62	0	39	0	79	0	39	0	79
	Through-Right		1							1				1				1	
	Right	9	0	0	17	26	0	14	23	0	0	17	40	0	0	0	40	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	19	1	19	0	19	19	4	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	83	0	105	0	83	105	11	95	0	128	0	95	0	128	0	95	0	128
	Through-Right		1							1				1				1	
	Right	22	0	0	0	22	0	11	33	0	0	0	33	0	0	0	33	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	13	1	13	0	13	13	8	21	1	21	0	21	1	21	0	21	1	21
	Left-Through		0							0				0				0	
	Through	258	1	168	0	258	168	197	458	1	270	0	458	1	270	0	458	1	270
	Through-Right		1							1				1				1	
	Right	78	0	78	0	78	78	3	82	0	82	0	82	0	82	0	82	0	82
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	25	1	25	0	25	25	7	32	1	32	0	32	1	32	0	32	1	32
	Left-Through		0							0				0				0	
	Through	159	1	88	0	159	88	193	354	1	187	0	354	1	187	0	354	1	187
	Through-Right		1							1				1				1	
	Right	16	0	16	0	16	16	3	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		133	North-South:		133	North-South:			158	North-South:			158	North-South:			158
		East-West:		193	East-West:		193	East-West:			302	East-West:			302	East-West:			302
		SUM:		326	SUM:		326	SUM:			460	SUM:			460	SUM:			460
VOLUME/CAPACITY (V/C) RATIO:				0.217			0.217				0.307				0.307				0.307
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.147			0.147				0.207				0.207				0.207
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	96	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	1007	5	168	1015	2022	337	416	1435	5	239	1015	2450	5	408	-179	2271	5	379
	Through-Right		1							1				1				1	
	Right	78	1	78	185	263	263	33	112	1	112	185	297	1	297	0	297	1	297
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	152	1	123	0	152	126	68	222	1	195	0	222	1	198	0	222	1	198
	Left-Through		1							1				1				1	
	Through	585	4	123	17	602	126	356	948	4	195	17	965	4	198	0	965	4	198
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		168	North-South:		337	North-South:			239	North-South:			408	North-South:			379
		East-West:		123	East-West:		126	East-West:			195	East-West:			198	East-West:			198
		SUM:		291	SUM:		463	SUM:			434	SUM:			606	SUM:			577
VOLUME/CAPACITY (V/C) RATIO:				0.194			0.309				0.289				0.404				0.385
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.126			0.239				0.189				0.304				0.285
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.115 | Δv/c after mitigation: 0.096

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Flower	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
97	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	115	2	63	0	115	63	1	117	2	64	0	117	2	64	0	117	2	64
	Left-Through		0							0				0				0	
	Through	354	4	89	27	381	95	206	564	4	141	27	591	4	148	0	591	4	148
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	528	3	139	203	731	183	216	750	3	218	203	953	3	259	0	953	3	259
	Through-Right		1							1				1				1	
	Right	167	1	0	0	167	167	173	342	1	0	0	342	1	0	0	342	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		89	North-South:		95	North-South:			141	North-South:			148	North-South:			148
		East-West:		139	East-West:		183	East-West:			218	East-West:			259	East-West:			259
		SUM:		228	SUM:		278	SUM:			359	SUM:			407	SUM:			407
VOLUME/CAPACITY (V/C) RATIO:				0.152			0.185				0.239				0.271				0.271
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.099			0.120				0.139				0.171				0.171
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.032 — Δv/c after mitigation: 0.032

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
98	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	50	0	50	0	50	50	8	59	0	59	0	59	0	59	0	59	0	59
	Left-Through		1							1				1				1	
	Through	217	3	67	2	219	67	159	379	3	110	2	381	3	110	0	381	3	110
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	552	4	127	503	1055	227	192	751	4	173	503	1254	4	274	0	1254	4	274
	Through-Right		1							1				1				1	
	Right	81	0	81	0	81	81	32	114	0	114	0	114	0	114	0	114	0	114
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		67	North-South:		67	North-South:			110	North-South:			110	North-South:			110
		East-West:		127	East-West:		227	East-West:			173	East-West:			274	East-West:			274
		SUM:		194	SUM:		294	SUM:			283	SUM:			384	SUM:			384
VOLUME/CAPACITY (V/C) RATIO:				0.129			0.196				0.189				0.256				0.256
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.084			0.127				0.094				0.156				0.156
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.062 — Δv/c after mitigation: 0.062

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
99	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	70	1	41	210	280	168	104	175	1	93	210	385	1	221	0	385	1	221
	Through-Right		1							1				1				1	
	Right	11	0	11	45	56	56	0	11	0	11	45	56	0	56	0	56	0	56
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	1	29	10	39	39	19	48	1	48	10	58	1	58	0	58	1	58
	Left-Through		0							0				0				0	
	Through	93	3	31	6	99	33	187	281	3	94	6	287	3	96	0	287	3	96
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	0	37	0	37	37	0	37	0	37	0	37	0	37	0	37	0	37
	Left-Through		1							1				1				1	
	Through	422	2	122	435	857	230	188	615	2	182	435	1050	2	291	0	1050	2	291
	Through-Right		1							1				1				1	
	Right	27	0	122	0	27	230	50	77	0	182	0	77	0	291	0	77	0	291
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		70	North-South:		207	North-South:			141	North-South:			279	North-South:			279
		East-West:		122	East-West:		230	East-West:			182	East-West:			291	East-West:			291
		SUM:		192	SUM:		437	SUM:			323	SUM:			570	SUM:			570
VOLUME/CAPACITY (V/C) RATIO:				0.128			0.291				0.215				0.380				0.380
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.083			0.221				0.115				0.280				0.280
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.165 — Δv/c after mitigation: 0.165

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
100	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			2			2			2			2			2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0			0			0			0			0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2			2			2			2			2	
Override Capacity				0			0			0			0			0			0			0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	83	0	83	0	83	83	26	110	0	110	0	110	0	110	0	110	0	110
	Left-Through		1							1				1				1	
	Through	246	4	62	0	246	62	399	648	2	253	0	648	2	253	0	648	2	253
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	379	3	122	302	681	197	171	555	3	170	302	857	3	245	0	857	3	245
	Through-Right		1							1				1				1	
	Right	108	0	108	0	108	108	15	124	0	124	0	124	0	124	0	124	0	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		83	North-South:		83	North-South:			253	North-South:			253	North-South:			253
		East-West:		122	East-West:		197	East-West:			170	East-West:			245	East-West:			245
		SUM:		205	SUM:		280	SUM:			423	SUM:			498	SUM:			498
VOLUME/CAPACITY (V/C) RATIO:				0.137			0.187				0.282				0.332				0.332
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.089			0.121				0.182				0.232				0.232
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.050 — Δv/c after mitigation: 0.050

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
101	Main	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	6th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	279	4	70	174	453	113	351	633	4	158	174	807	4	202	0	807	4	202
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	29	1	29	0	29	29	19	48	1	48	0	48	1	48	0	48	1	48
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	137	0	137	302	439	439	65	204	0	204	302	506	0	506	0	506	0	506
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	268	3	89	0	268	89	132	403	3	134	0	403	3	134	0	403	3	134
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		70	North-South:		113	North-South:			158	North-South:			202	North-South:			202
	East-West:		137	East-West:		439	East-West:			204	East-West:			506	East-West:			506
	SUM:		207			552				362				708				708
VOLUME/CAPACITY (V/C) RATIO:			0.138			0.368				0.241				0.472				0.472
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.090			0.298				0.141				0.372				0.372
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.231 — Δv/c after mitigation: 0.231

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
102	Figueroa	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	505	3	177	367	872	305	228	739	3	259	367	1106	3	387	0	1106	3	387
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	708	4	177	648	1356	339	273	990	4	248	648	1638	4	410	-179	1459	4	365
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	658	5	112	1020	1678	329	284	950	5	158	1020	1970	5	372	0	1970	5	378
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	129	1	0	497	626	0	7	138	1	138	497	635	1	0	42	677	1	0
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		177	North-South:		339	North-South:			259	North-South:			410	North-South:			387
	East-West:		112	East-West:		329	East-West:			158	East-West:			372	East-West:			378
	SUM:		289			668				417				782				765
VOLUME/CAPACITY (V/C) RATIO:			0.193			0.445				0.278				0.521				0.510
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.125			0.375				0.178				0.421				0.410
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.243 — Δv/c after mitigation: 0.232

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
103	Grand	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	165	3	55	0	165	55	100	267	3	89	0	267	3	89	0	267	3	89
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	121	1	121	0	121	121	9	131	1	131	0	131	1	131	0	131	1	131
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	125	1	125	2	127	127	60	187	1	187	2	189	1	189	0	189	1	189
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	584	3	146	542	1126	229	334	925	3	190	542	1467	3	298	42	1509	3	306
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	19	0	19	0	19	19	4	23	0	23	0	23	0	23	0	23	0	23
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		121	North-South:		121	North-South:			131	North-South:			131	North-South:			131
	East-West:		146	East-West:		229	East-West:			190	East-West:			298	East-West:			306
	SUM:		267			350				321				429				437
VOLUME/CAPACITY (V/C) RATIO:			0.178			0.233				0.214				0.286				0.291
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.116			0.163				0.114				0.186				0.191
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.072 — Δv/c after mitigation: 0.077

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
104	Olive	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	2	2	2	2
ATSAC-1 or ATSAC+ATCS-2?	0	0	0	0
Override Capacity	1	1	2	2
	0	0	0	0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	223	2	123	482	705	388	32	258	2	142	482	740	2	407	42	782	2	430
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	156	3	52	461	617	206	208	366	3	122	461	827	3	276	0	827	3	276
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	127	2	70	0	127	70	56	185	2	102	0	185	2	102	0	185	2	102
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	361	3	94	62	423	109	309	674	3	174	62	736	3	189	0	736	3	189
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	14	0	14	0	14	14	6	20	0	20	0	20	0	20	0	20	0	20
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		193	North-South:		458	North-South:			244	North-South:			509	North-South:			532
	East-West:		94	East-West:		109	East-West:			174	East-West:			189	East-West:			189
	SUM:		287			567				418				698				721
VOLUME/CAPACITY (V/C) RATIO:			0.201			0.398				0.293				0.490				0.506
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.131			0.328				0.193				0.390				0.406
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.197 — Δv/c after mitigation: 0.213

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth (%):	Conducted by:	Date:
105	Hill	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	14	1	**14**	24	38	38	1	15	1	**15**	24	39	1	39	0	39	1	39
	Left-Through		0							0				0				0	
	Through	101	2	51	342	443	**222**	104	206	2	103	342	548	2	**274**	0	548	2	**274**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	116	2	**53**	1	117	59	194	311	2	156	1	312	2	156	0	312	2	156
	Through-Right		1							1				1				1	
	Right	43	0	43	38	81	81	142	186	0	**186**	38	224	0	224	0	224	0	224
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	1	0	0	0	0	12	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	255	3	**70**	0	255	85	172	430	3	**124**	0	430	3	143	0	430	3	143
	Through-Right		1							1				1				1	
	Right	23	0	23	188	211	**211**	42	65	0	65	188	253	0	**253**	0	253	0	**253**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		67	North-South:		222	North-South:			201	North-South:			274	North-South:			274
		East-West:		70	East-West:		211	East-West:			124	East-West:			253	East-West:			253
		SUM:		137	SUM:		433	SUM:			325	SUM:			527	SUM:			527
VOLUME/CAPACITY (V/C) RATIO:				0.091			0.289				0.217				0.351				0.351
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.059			0.219				0.117				0.251				0.251
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.134 — Δv/c after mitigation: 0.134

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth (%):	Conducted by:	Date:
106	Spring	2011	0.2	Eric Ji	1/9/2012
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	247	4	62	0	247	62	375	625	3	**208**	0	625	3	**208**	0	625	3	**208**
	Through-Right		1							1				1				1	
	Right	66	0	**66**	0	66	**66**	125	192	1	192	0	192	1	192	0	192	1	192
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	72	0	**72**	0	72	**72**	50	123	0	**123**	0	123	0	**123**	0	123	0	**123**
	Left-Through		1							1				1				1	
	Through	202	3	67	0	202	67	129	333	3	111	0	333	3	111	0	333	3	111
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		66	North-South:		66	North-South:			208	North-South:			208	North-South:			208
		East-West:		72	East-West:		72	East-West:			123	East-West:			123	East-West:			123
		SUM:		138	SUM:		138	SUM:			331	SUM:			331	SUM:			331
VOLUME/CAPACITY (V/C) RATIO:				0.092			0.092				0.221				0.221				0.221
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.060			0.060				0.121				0.121				0.121
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth (%):	Conducted by:	Date:
107	Main	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	5th	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	2	2	2	2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	100	1	**100**	0	100	100	52	153	1	153	0	153	1	153	0	153	1	153
	Left-Through		0							0				0				0	
	Through	296	4	74	476	772	**193**	364	664	4	**166**	476	1140	4	**285**	0	1140	4	**285**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	165	3	**47**	0	165	**47**	127	294	3	**83**	0	294	3	**83**	0	294	3	**83**
	Through-Right		1							1				1				1	
	Right	24	0	24	0	24	24	13	37	0	37	0	37	0	37	0	37	0	37
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		100	North-South:		193	North-South:			166	North-South:			285	North-South:			285
		East-West:		47	East-West:		47	East-West:			83	East-West:			83	East-West:			83
		SUM:		147	SUM:		240	SUM:			249	SUM:			368	SUM:			368
VOLUME/CAPACITY (V/C) RATIO:				0.098			0.160				0.166				0.245				0.245
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.064			0.104				0.083				0.145				0.145
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.062 — Δv/c after mitigation: 0.062

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth (%):	Conducted by:	Date:
108	Figueroa	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	2nd	2017			LAEC

	NB--	SB--	EB--	WB--
No. of Phases	3	3	3	3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0	0	0	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?	1	1	2	2
Override Capacity	0	0	0	0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	73	2	40	479	552	**304**	14	88	2	48	479	567	2	312	0	567	2	312
	Left-Through		0							0				0				0	
	Through	357	2	**139**	660	1017	359	195	556	2	**207**	660	1216	2	**427**	0	1216	2	**427**
	Through-Right		1							1				1				1	
	Right	60	0	60	0	60	60	5	66	0	66	0	66	0	66	0	66	0	66
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	21	2	**12**	0	21	12	3	24	2	**13**	0	24	2	**13**	0	24	2	**13**
	Left-Through		0							0				0				0	
	Through	192	1	110	0	192	**110**	0	194	1	111	0	194	1	111	0	194	1	111
	Through-Right		1							1				1				1	
	Right	28	0	28	0	28	28	0	28	0	28	0	28	0	28	0	28	0	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	29	1	29	0	29	**29**	0	29	1	29	0	29	1	**29**	0	29	1	**29**
	Left-Through		0							0				0				0	
	Through	131	2	66	0	131	66	16	149	2	75	0	149	2	75	0	149	2	75
	Through-Right		0							0				0				0	
	Right	125	1	**85**	0	125	0	3	130	1	**82**	0	130	1	0	0	130	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	30	1	**30**	0	30	30	0	30	1	**30**	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	115	2	58	84	199	**100**	17	133	2	67	84	217	2	**109**	0	217	2	**109**
	Through-Right		0							0				0				0	
	Right	13	1	7	0	13	7	0	13	1	7	0	13	1	7	0	13	1	7
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		151	North-South:		414	North-South:			220	North-South:			440	North-South:			440
		East-West:		115	East-West:		129	East-West:			112	East-West:			138	East-West:			138
		SUM:		266	SUM:		543	SUM:			332	SUM:			578	SUM:			578
VOLUME/CAPACITY (V/C) RATIO:				0.187			0.381				0.233				0.406				0.406
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.121			0.311				0.133				0.306				0.306
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.173 — Δv/c after mitigation: 0.173

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
109	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	21	1	21	0	21	21	2	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	89	1	63	0	89	63	22	112	1	90	0	112	1	90	0	112	1	90
	Through-Right		1							1				1				1	
	Right	36	0	36	0	36	36	31	67	0	67	0	67	0	67	0	67	0	67
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	24	1	24	0	24	24	0	24	1	24	0	24	1	24	0	24	1	24
	Left-Through		0							0				0				0	
	Through	151	2	76	0	151	76	35	188	2	94	0	188	2	94	0	188	2	94
	Through-Right		0							0				0				0	
	Right	55	1	48	0	55	48	4	60	1	52	0	60	1	52	0	60	1	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	15	1	15	0	15	15	2	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	140	2	60	0	140	60	99	241	2	94	0	241	2	94	0	241	2	94
	Through-Right		1							1				1				1	
	Right	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	25	1	25	0	25	25	2	27	1	27	0	27	1	27	0	27	1	27
	Left-Through		0							0				0				0	
	Through	100	2	42	16	116	47	145	246	2	91	16	262	2	96	0	262	2	96
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		97	North-South:		97	North-South:			117	North-South:			117	North-South:			117
		East-West:		85	East-West:		85	East-West:			121	East-West:			121	East-West:			121
		SUM:		182	SUM:		182	SUM:			238	SUM:			238	SUM:			238
	VOLUME/CAPACITY (V/C) RATIO:			0.121			0.121				0.159				0.159				0.159
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.079			0.079				0.079				0.079				0.079
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
110	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	58	1	58	0	58	58	5	64	1	64	0	64	1	64	0	64	1	64
	Left-Through		0							0				0				0	
	Through	110	2	55	0	110	55	30	141	2	71	0	141	2	71	0	141	2	71
	Through-Right		1							1				1				1	
	Right	43	1	19	49	92	68	4	48	1	0	49	97	1	46	0	97	1	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	16	1	16	0	16	16	22	38	1	38	0	38	1	38	0	38	1	38
	Left-Through		0							0				0				0	
	Through	54	1	35	0	54	35	56	111	1	64	0	111	1	64	0	111	1	64
	Through-Right		1							1				1				1	
	Right	16	0	16	0	16	16	0	16	0	16	0	16	0	16	0	16	0	16
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	48	1	48	490	538	538	4	53	1	53	490	543	1	543	0	543	1	543
	Left-Through		0							0				0				0	
	Through	145	2	73	136	281	141	112	259	2	130	136	395	2	198	0	395	2	198
	Through-Right		0							0				0				0	
	Right	50	1	0	0	50	0	37	88	1	24	0	88	1	24	0	88	1	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	1	24	0	24	24	27	51	1	51	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	155	2	58	16	171	64	140	297	2	123	16	313	2	129	0	313	2	129
	Through-Right		1							1				1				1	
	Right	20	0	20	0	20	20	53	73	0	73	0	73	0	73	0	73	0	73
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		93	North-South:		93	North-South:			128	North-South:			128	North-South:			128
		East-West:		106	East-West:		602	East-West:			181	East-West:			672	East-West:			672
		SUM:		199	SUM:		695	SUM:			309	SUM:			800	SUM:			800
	VOLUME/CAPACITY (V/C) RATIO:			0.145			0.505				0.225				0.582				0.582
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.094			0.435				0.125				0.482				0.482
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.357 | Δv/c after mitigation: 0.357

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
111	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	9	1	9	0	9	9	22	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	93	2	47	0	93	47	54	148	2	74	0	148	2	74	0	148	2	74
	Through-Right		0							0				0				0	
	Right	1	1	0	0	1	0	126	127	1	111	0	127	1	118	0	127	1	118
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	1	12	0	12	12	41	53	1	53	0	53	1	53	0	53	1	53
	Left-Through		0							0				0				0	
	Through	211	1	121	0	211	121	73	287	1	170	0	287	1	170	0	287	1	170
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	21	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	41	1	41	185	226	226	0	41	1	41	185	226	1	226	0	226	1	226
	Left-Through		0							0				0				0	
	Through	142	2	57	0	142	57	109	253	2	103	0	253	2	103	0	253	2	103
	Through-Right		1							1				1				1	
	Right	28	0	28	0	28	28	29	57	0	57	0	57	0	57	0	57	0	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	21	2	12	0	21	7	8	29	2	16	0	29	2	9	0	29	2	9
	Left-Through		0							0				0				0	
	Through	163	2	81	16	179	90	178	343	2	171	16	359	2	180	0	359	2	180
	Through-Right		1							1				1				1	
	Right	80	0	80	493	573	567	90	171	0	171	493	664	0	638	0	664	0	638
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		130	North-South:		130	North-South:			201	North-South:			201	North-South:			201
		East-West:		122	East-West:		793	East-West:			212	East-West:			864	East-West:			864
		SUM:		252	SUM:		923	SUM:			413	SUM:			1065	SUM:			1065
	VOLUME/CAPACITY (V/C) RATIO:			0.177			0.648				0.290				0.747				0.747
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.115			0.578				0.190				0.647				0.647
	LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.457 | Δv/c after mitigation: 0.457

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Olive	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
112	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	73	2	40	411	484	266	173	247	2	136	411	658	2	362	0	658	2	362
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	97	2	41	34	131	60	122	220	2	91	34	254	2	110	0	254	2	110
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	140	2	51	0	140	51	139	281	2	130	0	281	2	130	0	281	2	130
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	94	108	0	108	0	108	0	108	0	108	0	108
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	12	1	12	0	12	12	18	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	197	3	66	98	295	98	103	302	3	101	98	400	3	133	0	400	3	133
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		41	North-South:		266	North-South:			136	North-South:			362	North-South:			362
		East-West:		66	East-West:		98	East-West:			160	East-West:			160	East-West:			160
		SUM:		107	SUM:		364	SUM:			296	SUM:			522	SUM:			522
	VOLUME/CAPACITY (V/C) RATIO:			0.075			0.255				0.208				0.366				0.366
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.049			0.185				0.108				0.266				0.266
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.158 | Δv/c after mitigation: 0.158

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
113	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	11	1	11	98	109	109	0	11	1	11	98	109	1	109	0	109	1	109
	Left-Through		0							0				0				0	
	Through	99	1	**55**	438	537	**274**	112	212	1	**116**	438	650	1	**335**	0	650	1	**335**
	Through-Right		1							1				1				1	
	Right	10	0	10	0	10	10	10	20	0	20	0	20	0	20	0	20	0	20
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	33	1	**33**	0	33	**33**	0	33	1	**33**	0	33	1	**33**	0	33	1	**33**
	Left-Through		0							0				0				0	
	Through	123	2	48	0	123	48	111	235	2	86	0	235	2	86	0	235	2	86
	Through-Right		1							1				1				1	
	Right	21	0	21	0	21	21	1	22	0	22	0	22	0	22	0	22	0	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	58	1	**58**	31	89	**89**	21	80	1	80	31	111	1	**111**	0	111	1	**111**
	Left-Through		0							0				0				0	
	Through	200	2	71	3	203	72	226	428	2	**152**	3	431	2	153	0	431	2	153
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	14	27	0	27	0	27	0	27	0	27	0	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	12	1	12	0	12	12	47	59	1	**59**	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	179	2	**64**	0	179	**64**	120	301	2	105	0	301	2	**105**	0	301	2	**105**
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	0	13	0	13	0	13	0	13	0	13	0	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		88	*North-South:*		307	*North-South:*			149	*North-South:*			368	*North-South:*			368
		East-West:		122	*East-West:*		153	*East-West:*			211	*East-West:*			216	*East-West:*			216
		SUM:		210	*SUM:*		460	*SUM:*			360	*SUM:*			584	*SUM:*			584
	VOLUME/CAPACITY (*V/C*) RATIO:			0.147			0.323				0.253				0.410				0.410
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.096			0.253				0.153				0.310				0.310
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.157 — Δ*v/c* after mitigation: 0.157

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
114	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	12	0	12	0	12	12	2	14	0	14	0	14	0	14	0	14	0	14
	Left-Through		1							1				1				1	
	Through	134	3	**37**	0	134	**37**	453	589	2	**201**	0	589	2	**201**	0	589	2	**201**
	Through-Right		1							0				0				0	
	Right	33	1	23	0	33	23	46	79	1	69	0	79	1	69	0	79	1	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	10	1	10	0	10	10	0	10	1	10	0	10	1	10	0	10	1	10
	Left-Through		0							0				0				0	
	Through	188	2	**67**	3	191	**68**	182	372	2	**134**	3	375	2	**135**	0	375	2	**135**
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	15	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	24	1	**24**	0	24	**24**	10	34	1	**34**	0	34	1	**34**	0	34	1	**34**
	Left-Through		0							0				0				0	
	Through	171	2	57	0	171	57	127	300	2	100	0	300	2	100	0	300	2	100
	Through-Right		1							1				1				1	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		37	*North-South:*		37	*North-South:*			201	*North-South:*			201	*North-South:*			201
		East-West:		91	*East-West:*		92	*East-West:*			168	*East-West:*			169	*East-West:*			169
		SUM:		128	*SUM:*		129	*SUM:*			369	*SUM:*			370	*SUM:*			370
	VOLUME/CAPACITY (*V/C*) RATIO:			0.090			0.091				0.259				0.260				0.260
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.058			0.059				0.159				0.160				0.160
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.001 — Δ*v/c* after mitigation: 0.001

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
115	East-West Street:	1st	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	29	0	29	0	29	29	12	41	0	41	0	41	0	41	0	41	0	41
	Left-Through		1							1				1				1	
	Through	168	2	**56**	628	796	**213**	361	531	2	**153**	628	1159	2	**310**	0	1159	2	**310**
	Through-Right		1							1				1				1	
	Right	28	0	56	0	28	213	13	41	0	153	0	41	0	310	0	41	0	310
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	23	1	**23**	3	26	**26**	102	125	1	**125**	3	128	1	**128**	0	128	1	**128**
	Left-Through		0							0				0				0	
	Through	156	3	52	0	156	52	82	240	3	80	0	240	3	80	0	240	3	80
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	139	2	**51**	0	139	**51**	125	266	2	**95**	0	266	2	**95**	0	266	2	**95**
	Through-Right		1							1				1				1	
	Right	15	0	15	0	15	15	3	18	0	18	0	18	0	18	0	18	0	18
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		56	*North-South:*		213	*North-South:*			153	*North-South:*			310	*North-South:*			310
		East-West:		74	*East-West:*		77	*East-West:*			220	*East-West:*			223	*East-West:*			223
		SUM:		130	*SUM:*		290	*SUM:*			373	*SUM:*			533	*SUM:*			533
	VOLUME/CAPACITY (*V/C*) RATIO:			0.091			0.204				0.262				0.374				0.374
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.059			0.134				0.162				0.274				0.274
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.112 — Δ*v/c* after mitigation: 0.112

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Hope	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
116	East-West Street:	Temple/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	31	1	31	0	31	31	1	32	1	32	0	32	1	32	0	32	1	32
	Left-Through		0							0				0				0	
	Through	106	1	**74**	490	596	**319**	86	193	1	**118**	490	683	1	**363**	0	683	1	**363**
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	22	1	**22**	0	22	**22**	21	43	1	**43**	0	43	1	**43**	0	43	1	**43**
	Left-Through		0							0				0				0	
	Through	37	1	37	0	37	37	43	80	1	69	0	80	1	69	0	80	1	69
	Through-Right		1							1				1				1	
	Right	57	0	8	0	57	8	0	58	0	58	0	58	0	58	0	58	0	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	98	1	**98**	0	98	**98**	16	115	1	**115**	0	115	1	**115**	0	115	1	**115**
	Left-Through		0							0				0				0	
	Through	97	1	58	0	97	58	43	141	1	97	0	141	1	97	0	141	1	97
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	33	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	21	1	21	0	21	21	2	23	1	23	0	23	1	23	0	23	1	23
	Left-Through		0							0				0				0	
	Through	168	2	**84**	0	168	**84**	31	201	2	**101**	0	201	2	**101**	0	201	2	**101**
	Through-Right		0							0				0				0	
	Right	89	1	78	0	89	78	27	117	1	96	0	117	1	96	0	117	1	96
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		96	*North-South:*		341	*North-South:*			161	*North-South:*			406	*North-South:*			406
		East-West:		182	*East-West:*		182	*East-West:*			216	*East-West:*			216	*East-West:*			216
		SUM:		278	*SUM:*		523	*SUM:*			377	*SUM:*			622	*SUM:*			622
	VOLUME/CAPACITY (*V/C*) RATIO:			0.195			0.367				0.265				0.436				0.436
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.127			0.297				0.165				0.336				0.336
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project: 0.171 — Δ*v/c* after mitigation: 0.171

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	117	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Aliso	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	98	3	33	137	235	78	303	402	3	134	137	539	3	180	0	539	3	180
	Through-Right		0							0				0				0	
	Right	90	1	**90**	495	585	**585**	162	253	1	**253**	495	748	1	**748**	0	748	1	**748**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	15	0	15	0	15	15	58	73	0	73	0	73	0	73	0	73	0	73
	Left-Through		1							1				1				1	
	Through	188	2	**68**	0	188	**68**	247	437	2	**170**	0	437	2	**170**	0	437	2	**170**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		90	North-South:		585	North-South:			253	North-South:			748	North-South:			748
		East-West:		68	East-West:		68	East-West:			170	East-West:			170	East-West:			170
		SUM:		158	SUM:		653	SUM:			423	SUM:			918	SUM:			918
VOLUME/CAPACITY (V/C) RATIO:				0.105			0.435				0.282				0.612				0.612
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.068			0.365				0.182				0.512				0.512
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.330 | Δv/c after mitigation: 0.330
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	118	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Aliso	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	2	SB-- 0	NB--	2	SB-- 0	NB--	2	SB-- 0	NB--	2	SB-- 0	NB--	2	SB-- 0	NB--	2	SB-- 0	NB--	2	SB-- 0		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	143	2	**72**	0	143	**72**	5	150	2	75	0	150	2	75	0	150	2	75
	Through-Right		0							0				0				0	
	Right	48	1	48	0	48	48	45	94	1	**94**	0	94	1	**94**	0	94	1	**94**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	1	0	**1**	0	1	**1**	0	1	0	**1**	0	1	0	**1**	0	1	0	**1**
	Left-Through		1							1				1				1	
	Through	52	2	18	0	52	18	22	75	2	25	0	75	2	25	0	75	2	25
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	22	0	22	0	22	22	51	73	0	73	0	73	0	73	0	73	0	73
	Left-Through		1							1				1				1	
	Through	253	2	**71**	495	748	**194**	317	573	2	**174**	495	1068	2	**297**	0	1068	2	**297**
	Through-Right		1							1				1				1	
	Right	7	0	71	0	7	194	41	48	0	174	0	48	0	297	0	48	0	297
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		73	North-South:		73	North-South:			95	North-South:			95	North-South:			95
		East-West:		71	East-West:		194	East-West:			174	East-West:			297	East-West:			297
		SUM:		144	SUM:		267	SUM:			269	SUM:			392	SUM:			392
VOLUME/CAPACITY (V/C) RATIO:				0.096			0.178				0.179				0.261				0.261
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.062			0.116				0.090				0.161				0.161
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.071 | Δv/c after mitigation: 0.071
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	119	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	I-110 On-Ramp/US-101 Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3	NB--	0	SB-- 3		
	EB--	3	WB-- 0	EB--	3	WB-- 0	EB--	3	WB-- 0	EB--	3	WB-- 0	EB--	3	WB-- 0	EB--	3	WB-- 0	EB--	3	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	293	1	**293**	673	966	**966**	134	431	1	**431**	673	1104	1	**1104**	0	1104	1	**1104**
	Left-Through		0							0				0				0	
	Through	120	2	60	7	127	64	52	173	2	87	7	180	2	90	0	180	2	90
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	147	2	74	0	147	74	99	248	2	124	0	248	2	124	0	248	2	124
	Through-Right		0							0				0				0	
	Right	193	1	**193**	0	193	**193**	114	309	1	**309**	0	309	1	**309**	0	309	1	**309**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	81	0	**81**	0	81	**81**	10	92	0	**92**	0	92	0	**92**	0	92	0	**92**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	97	1	0	0	97	0	69	167	1	0	0	167	1	0	0	167	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		486	North-South:		1159	North-South:			740	North-South:			1413	North-South:			1413
		East-West:		81	East-West:		81	East-West:			92	East-West:			92	East-West:			92
		SUM:		567	SUM:		1240	SUM:			832	SUM:			1505	SUM:			1505
VOLUME/CAPACITY (V/C) RATIO:				0.398			0.870				0.584				1.056				1.056
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.328			0.800				0.484				0.956				0.956
LEVEL OF SERVICE (LOS):				A			D				A				E				E

PROJECT IMPACT

Change in v/c due to project: 0.472 | Δv/c after mitigation: 0.472
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	120	North-South Street:	Beaudry	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Sunset	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 1	NB--	0	SB-- 1	NB--	0	SB-- 1	NB--	0	SB-- 1	NB--	0	SB-- 1	NB--	0	SB-- 1	NB--	0	SB-- 1		
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0		
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	90	0	90	0	90	90	0	91	0	91	0	91	0	91	0	91	0	91
	Left-Through		0							0				0				0	
	Through	63	0	**231**	0	63	**231**	19	83	0	**257**	0	83	0	**257**	0	83	0	**257**
	Through-Right		0							0				0				0	
	Right	78	0	0	0	78	0	4	83	0	0	0	83	0	0	0	83	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	21	0	**21**	0	21	**21**	30	51	0	**51**	0	51	0	**51**	0	51	0	**51**
	Left-Through		1							1				1				1	
	Through	34	1	28	0	34	28	41	75	1	63	0	75	1	63	0	75	1	63
	Through-Right		0							0				0				0	
	Right	30	1	0	0	30	0	9	39	1	0	0	39	1	0	0	39	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	13	1	13	0	13	13	0	13	1	13	0	13	1	13	0	13	1	13
	Left-Through		0							0				0				0	
	Through	1204	2	**461**	0	1204	**461**	70	1289	2	**490**	0	1289	2	**490**	0	1289	2	**490**
	Through-Right		1							1				1				1	
	Right	179	0	179	0	179	179	0	181	0	181	0	181	0	181	0	181	0	181
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	46	1	**46**	0	46	**46**	11	58	1	**58**	0	58	1	**58**	0	58	1	**58**
	Left-Through		0							0				0				0	
	Through	331	2	119	40	371	132	69	404	2	143	40	444	2	156	0	444	2	156
	Through-Right		1							1				1				1	
	Right	25	0	25	0	25	25	0	25	0	25	0	25	0	25	0	25	0	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		252	North-South:		252	North-South:			308	North-South:			308	North-South:			308
		East-West:		507	East-West:		507	East-West:			548	East-West:			548	East-West:			548
		SUM:		759	SUM:		759	SUM:			856	SUM:			856	SUM:			856
VOLUME/CAPACITY (V/C) RATIO:				0.506			0.506				0.571				0.571				0.571
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.436			0.436				0.471				0.471				0.471
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Figueroa	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
121	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	97	1	97	34	131	131	8	106	1	106	34	140	1	140	0	140	1	140
	Left-Through		0							0				0				0	
	Through	217	2	109	0	217	109	171	391	2	196	0	391	2	196	0	391	2	196
	Through-Right		0							0				0				0	
	Right	111	1	86	0	111	86	10	122	1	96	0	122	1	96	0	122	1	96
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	33	1	33	0	33	33	0	33	1	33	0	33	1	33	0	33	1	33
	Left-Through		0							0				0				0	
	Through	57	2	29	0	57	29	25	83	2	42	0	83	2	42	0	83	2	42
	Through-Right		0							0				0				0	
	Right	34	1	0	0	34	0	0	34	1	0	0	34	1	0	0	34	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	102	1	102	0	102	102	10	113	1	113	0	113	1	113	0	113	1	113
	Left-Through		0							0				0				0	
	Through	1013	2	404	0	1013	404	90	1115	2	440	0	1115	2	440	0	1115	2	440
	Through-Right		1							1				1				1	
	Right	199	0	199	0	199	199	3	204	0	204	0	204	0	204	0	204	0	204
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	326	2	120	7	333	122	72	402	2	164	7	409	2	166	0	409	2	166
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	56	89	0	89	0	89	0	89	0	89	0	89
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		142	North-South:		160	North-South:			229	North-South:			229	North-South:			229
		East-West:		455	East-West:		455	East-West:			492	East-West:			492	East-West:			492
		SUM:		597	SUM:		615	SUM:			721	SUM:			721	SUM:			721
VOLUME/CAPACITY (V/C) RATIO:				0.434			0.447				0.524				0.524				0.524
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.364			0.377				0.424				0.424				0.424
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Grand	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/17/2012
122	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0
	EB-- 0 WB--		1	EB-- 0 WB--		1	EB-- 0 WB--		1	EB-- 0 WB--		1	EB-- 0 WB--		1	EB-- 0 WB--		1
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	105	1	105	7	112	112	23	129	1	129	7	136	1	136	0	136	1	136
	Left-Through		0							0				0				0	
	Through	46	1	46	0	46	46	25	72	1	72	0	72	1	72	0	72	1	72
	Through-Right		0							0				0				0	
	Right	27	1	0	0	27	0	14	41	1	0	0	41	1	0	0	41	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	9	1	9	0	9	9	0	9	1	9	0	9	1	9	0	9	1	9
	Left-Through		0							0				0				0	
	Through	47	1	47	0	47	47	89	137	1	137	0	137	1	137	0	137	1	137
	Through-Right		0							0				0				0	
	Right	9	1	3	0	9	3	0	9	1	3	0	9	1	3	0	9	1	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	13	1	13	0	13	13	0	13	1	13	0	13	1	13	0	13	1	13
	Left-Through		0							0				0				0	
	Through	710	2	355	0	710	355	95	814	2	407	0	814	2	407	0	814	2	407
	Through-Right		0							0				0				0	
	Right	408	1	356	0	408	352	25	438	1	374	0	438	1	370	0	438	1	370
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	119	2	65	0	119	65	99	219	2	120	0	219	2	120	0	219	2	120
	Left-Through		0							0				0				0	
	Through	282	2	97	0	282	97	69	354	2	121	0	354	2	121	0	354	2	121
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		152	North-South:		159	North-South:			266	North-South:			273	North-South:			273
		East-West:		421	East-West:		420	East-West:			527	East-West:			527	East-West:			527
		SUM:		573	SUM:		579	SUM:			793	SUM:			800	SUM:			800
VOLUME/CAPACITY (V/C) RATIO:				0.402			0.406				0.556				0.561				0.561
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.332			0.336				0.456				0.461				0.461
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.005 | Δv/c after mitigation: 0.005

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Spring	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
123	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 1 WB--		0	EB-- 1 WB--		0	EB-- 1 WB--		0	EB-- 1 WB--		0	EB-- 1 WB--		0	EB-- 1 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Left-Through		0							0				0				0	
	Through	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Through-Right		0							0				0				0	
	Right	8	1	0	0	8	0	0	8	1	0	0	8	1	0	0	8	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	5	0	5	0	5	5	0	5	0	5	0	5	0	5	0	5	0	5
	Left-Through		0							0				0				0	
	Through	15	0	34	0	15	34	226	241	0	301	0	241	0	301	0	241	0	301
	Through-Right		0							0				0				0	
	Right	14	0	0	0	14	0	41	55	0	0	0	55	0	0	0	55	0	0
	Left-Through-Right		1							1				1				1	
	Left-Right		0							0				0				0	
EASTBOUND	Left	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Left-Through		0							0				0				0	
	Through	974	2	487	0	974	487	69	1055	2	528	0	1055	2	528	0	1055	2	528
	Through-Right		0							0				0				0	
	Right	108	1	0	0	108	0	12	121	1	0	0	121	1	0	0	121	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	49	2	27	0	49	27	31	81	2	45	0	81	2	45	0	81	2	45
	Left-Through		0							0				0				0	
	Through	310	2	107	0	310	107	82	396	2	136	0	396	2	136	0	396	2	136
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		35	North-South:		35	North-South:			302	North-South:			302	North-South:			302
		East-West:		514	East-West:		514	East-West:			573	East-West:			573	East-West:			573
		SUM:		549	SUM:		549	SUM:			875	SUM:			875	SUM:			875
VOLUME/CAPACITY (V/C) RATIO:				0.385			0.385				0.614				0.614				0.614
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.315			0.315				0.514				0.514				0.514
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
124	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	57	1	46	0	57	57	11	69	1	69	0	69	1	69	0	69	1	69
	Left-Through		1							1				1				1	
	Through	81	1	46	137	218	96	319	401	1	166	137	538	1	212	0	538	1	212
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	27	97	0	97	0	97	0	97	0	97	0	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	604	2	302	0	604	302	69	680	2	340	0	680	2	340	0	680	2	340
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	289	1	152	0	289	152	102	394	1	234	0	394	1	234	0	394	1	234
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	60	74	0	74	0	74	0	74	0	74	0	74
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		69	North-South:		96	North-South:			166	North-South:			212	North-South:			212
		East-West:		302	East-West:		302	East-West:			340	East-West:			340	East-West:			340
		SUM:		371	SUM:		398	SUM:			506	SUM:			552	SUM:			552
VOLUME/CAPACITY (V/C) RATIO:				0.247			0.265				0.337				0.368				0.368
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.177			0.195				0.237				0.268				0.268
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.031 | Δv/c after mitigation: 0.031

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
125	East-West Street:	Cesar Chavez	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0	EB-- 3 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	62	1	62	0	62	62	0	63	1	63	0	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	209	2	90	0	209	90	133	345	2	136	0	345	2	136	0	345	2	136
	Through-Right		1							1				1				1	
	Right	61	0	61	0	61	61	0	62	0	62	0	62	0	62	0	62	0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	58	1	58	0	58	58	1	60	1	60	0	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	429	2	159	0	429	159	152	586	2	212	0	586	2	212	0	586	2	212
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	42	1	42	0	42	42	0	43	1	43	0	43	1	43	0	43	1	43
	Left-Through		0							0				0				0	
	Through	395	2	198	0	395	198	96	496	2	248	0	496	2	248	0	496	2	248
	Through-Right		0							0				0				0	
	Right	237	1	175	0	237	175	0	240	1	177	0	240	1	177	0	240	1	177
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	82	1	82	0	82	82	0	83	1	83	0	83	1	83	0	83	1	83
	Left-Through		0							0				0				0	
	Through	188	2	71	0	188	71	111	301	2	109	0	301	2	109	0	301	2	109
	Through-Right		1							1				1				1	
	Right	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		221	North-South:		221	North-South:			275	North-South:			275	North-South:			275
		East-West:		280	East-West:		280	East-West:			331	East-West:			331	East-West:			331
		SUM:		501	SUM:		501	SUM:			606	SUM:			606	SUM:			606
VOLUME/CAPACITY (V/C) RATIO:				0.364			0.364				0.441				0.441				0.441
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.294			0.294				0.341				0.341				0.341
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 Δv/c after mitigation: 0.000

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
126	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	2	1	2	0	2	2	75	77	1	77	0	77	1	77	0	77	1	77
	Left-Through		0							0				0				0	
	Through	94	1	53	69	163	88	215	310	1	161	69	379	1	196	0	379	1	196
	Through-Right		1							1				1				1	
	Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	28	1	28	0	28	28	0	28	1	28	0	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	85	1	52	0	85	52	0	86	1	61	0	86	1	61	0	86	1	61
	Through-Right		1							1				1				1	
	Right	18	0	18	0	18	18	17	35	0	35	0	35	0	35	0	35	0	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	13	1	13	0	13	13	17	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	90	1	46	0	90	46	72	163	1	82	0	163	1	82	0	163	1	82
	Through-Right		1							1				1				1	
	Right	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	89	1	61	0	89	61	32	122	1	77	0	122	1	77	0	122	1	77
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		81	North-South:		116	North-South:			189	North-South:			224	North-South:			224
		East-West:		74	East-West:		74	East-West:			107	East-West:			107	East-West:			107
		SUM:		155	SUM:		190	SUM:			296	SUM:			331	SUM:			331
VOLUME/CAPACITY (V/C) RATIO:				0.109			0.133				0.208				0.232				0.232
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.071			0.087				0.108				0.132				0.132
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.024 Δv/c after mitigation: 0.024

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Alameda	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2012
127	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			3			3			3			3			3			3			3		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0	NB-- 3 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			2			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	1	17	0	17	17	41	58	1	58	0	58	1	58	0	58	1	58
	Left-Through		0							0				0				0	
	Through	6	2	3	68	74	37	60	66	2	33	68	134	2	67	0	134	2	67
	Through-Right		0							0				0				0	
	Right	9	1	1	0	9	1	21	30	1	0	0	30	1	0	0	30	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	5	1	5	0	5	5	13	18	1	18	0	18	1	18	0	18	1	18
	Left-Through		0							0				0				0	
	Through	9	2	5	0	9	5	41	50	2	21	0	50	2	21	0	50	2	21
	Through-Right		1							1				1				1	
	Right	12	0	10	0	12	10	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	5	1	5	0	5	5	0	5	1	5	0	5	1	5	0	5	1	5
	Left-Through		0							0				0				0	
	Through	93	1	50	0	93	50	30	124	1	79	0	124	1	79	0	124	1	79
	Through-Right		1							1				1				1	
	Right	6	0	6	0	6	6	28	34	0	34	0	34	0	34	0	34	0	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	8	1	8	0	8	8	49	57	1	57	0	57	1	57	0	57	1	57
	Left-Through		0							0				0				0	
	Through	83	2	42	0	83	42	191	275	2	138	0	275	2	138	0	275	2	138
	Through-Right		0							0				0				0	
	Right	7	1	5	0	7	5	30	37	1	28	0	37	1	28	0	37	1	28
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		27	North-South:		42	North-South:			79	North-South:			85	North-South:			85
		East-West:		58	East-West:		58	East-West:			143	East-West:			143	East-West:			143
		SUM:		85	SUM:		100	SUM:			222	SUM:			228	SUM:			228
VOLUME/CAPACITY (V/C) RATIO:				0.060			0.070				0.156				0.160				0.160
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.039			0.046				0.078				0.080				0.080
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.002 Δv/c after mitigation: 0.002

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
128	East-West Street:	Alpine	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			1			1			1			2			2			2			2	
Override Capacity			0			0			0			0			0			0			0	

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	11	1	11	0	11	11	0	11	1	11	0	11	1	11	0	11	1	11
	Left-Through		0							0				0				0	
	Through	178	1	93	468	646	327	119	299	1	154	468	767	1	388	0	767	1	388
	Through-Right		1							1				1				1	
	Right	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	36	1	36	0	36	36	81	117	1	117	0	117	1	117	0	117	1	117
	Left-Through		0							0				0				0	
	Through	204	1	111	0	204	111	94	300	1	159	0	300	1	159	0	300	1	159
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	11	0	11	0	11	11	0	11	0	11	0	11	0	11	0	11	0	11
	Left-Through		1							1				1				1	
	Through	47	1	36	0	47	36	0	48	1	36	0	48	1	36	0	48	1	36
	Through-Right		1							1				1				1	
	Right	13	0	36	0	13	36	0	13	0	36	0	13	0	36	0	13	0	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
	Left-Through		1							1				1				1	
	Through	51	0	58	0	51	58	0	52	0	59	0	52	0	59	0	52	0	59
	Through-Right		1							1				1				1	
	Right	62	0	44	0	62	44	110	173	0	115	0	173	0	115	0	173	0	115
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		129	North-South:		363	North-South:			271	North-South:			505	North-South:			505
		East-West:		69	East-West:		69	East-West:			126	East-West:			126	East-West:			126
		SUM:		198	SUM:		432	SUM:			397	SUM:			631	SUM:			631
VOLUME/CAPACITY (V/C) RATIO:				0.132			0.288				0.265				0.421				0.421
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.086			0.218				0.165				0.321				0.321
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.156 Δv/c after mitigation: 0.156

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
129	Hill	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	College	2017			LAEC

No. of Phases				2				2				2				2				2				2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0
	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	8	1	8	0	8	8	0	8	1	8	0	8	1	8	0	8	1	8
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	229	1	121	468	697	355	229	461	1	237	468	929	1	471	0	929	1	471
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	62	1	62	0	62	62	56	119	1	119	0	119	1	119	0	119	1	119
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	246	1	140	0	246	140	176	425	1	229	0	425	1	229	0	425	1	229
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	26	0	26	0	26	26	0	26	0	26	0	26	0	26	0	26	0	26
EASTBOUND Left-Through		1							1				1				1	
EASTBOUND Through	66	0	49	0	66	49	0	67	0	49	0	67	0	49	0	67	0	49
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	5	0	49	0	5	49	0	5	0	49	0	5	0	49	0	5	0	49
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
WESTBOUND Left-Through		1							1				1				1	
WESTBOUND Through	74	0	55	0	74	55	0	75	0	79	0	75	0	79	0	75	0	79
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	31	0	55	0	31	55	80	111	0	52	0	111	0	52	0	111	0	52
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		183	North-South:		417	North-South:			356	North-South:			590	North-South:			590
	East-West:		81	East-West:		81	East-West:			105	East-West:			105	East-West:			105
	SUM:		264	SUM:		498	SUM:			461	SUM:			695	SUM:			695
VOLUME/CAPACITY (V/C) RATIO:			0.176			0.332				0.307				0.463				0.463
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.114			0.262				0.207				0.363				0.363
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.156 Δv/c after mitigation: 0.156

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
130	Sunset	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Elysian Park	2017			LAEC

No. of Phases				3				3				3				3				3				3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3 SB--			0	NB-- 3 SB--			0	NB-- 3 SB--			0	NB-- 3 SB--			0	NB-- 3 SB--			0	NB-- 3 SB--			0
	EB-- 0 WB--			3	EB-- 0 WB--			3	EB-- 0 WB--			3	EB-- 0 WB--			3	EB-- 0 WB--			3	EB-- 0 WB--			3
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	355	2	178	40	395	198	77	436	2	218	40	476	2	238	0	476	2	238
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	76	1	0	0	76	0	0	77	1	0	0	77	1	0	0	77	1	0
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	59	1	59	0	59	59	0	60	1	60	0	60	1	60	0	60	1	60
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	469	2	235	0	469	235	70	545	2	273	0	545	2	273	0	545	2	273
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	1039	2	571	0	1039	571	0	1052	2	579	0	1052	2	579	0	1052	2	579
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	526	2	230	0	526	230	0	532	2	233	0	532	2	233	0	532	2	233
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		237	North-South:		257	North-South:			278	North-South:			298	North-South:			298
	East-West:		571	East-West:		571	East-West:			579	East-West:			579	East-West:			579
	SUM:		808	SUM:		828	SUM:			857	SUM:			877	SUM:			877
VOLUME/CAPACITY (V/C) RATIO:			0.567			0.581				0.601				0.615				0.615
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.497			0.511				0.501				0.515				0.515
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.014 Δv/c after mitigation: 0.014

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
131	Glendale	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Bellevue	2017			LAEC

No. of Phases				3				3				3				3				3				3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0
	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	397	2	199	247	644	322	59	461	2	231	247	708	2	354	0	708	2	354
NORTHBOUND Through-Right		0							0				0				0	
NORTHBOUND Right	150	1	82	356	506	438	47	199	1	127	356	555	1	483	0	555	1	483
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	85	1	85	0	85	85	0	86	1	86	0	86	1	86	0	86	1	86
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	450	2	225	0	450	225	62	517	2	259	0	517	2	259	0	517	2	259
SOUTHBOUND Through-Right		0							0				0				0	
SOUTHBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Through-Right		0							0				0				0	
EASTBOUND Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	249	2	137	0	249	137	11	263	2	145	0	263	2	145	0	263	2	145
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND Through-Right		0							0				0				0	
WESTBOUND Right	147	1	105	0	147	105	0	149	1	106	0	149	1	106	0	149	1	106
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		284	North-South:		523	North-South:			317	North-South:			569	North-South:			569
	East-West:		137	East-West:		137	East-West:			145	East-West:			145	East-West:			145
	SUM:		421	SUM:		660	SUM:			462	SUM:			714	SUM:			714
VOLUME/CAPACITY (V/C) RATIO:			0.295			0.463				0.324				0.501				0.501
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.225			0.393				0.224				0.401				0.401
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.177 Δv/c after mitigation: 0.177

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Year of Count:	Ambient Growth: (%):	Conducted by:	Date:
132	Glendale	2011	0.2	Eric Ji	11/1/2011
	East-West Street:	Projection Year:	Peak Hour:	Reviewed by:	Project:
	Temple	2017			LAEC

No. of Phases				3				3				3				3				3				3
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0				0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0	NB-- 0 SB--			0
	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0	EB-- 0 WB--			0
ATSAC-1 or ATSAC+ATCS-2?				1				1				2				2				2				2
Override Capacity				0				0				0				0				0				0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND Left	43	1	43	0	43	43	2	46	1	46	0	46	1	46	0	46	1	46
NORTHBOUND Left-Through		0							0				0				0	
NORTHBOUND Through	339	1	176	603	942	477	87	430	1	221	603	1033	1	523	0	1033	1	523
NORTHBOUND Through-Right		1							1				1				1	
NORTHBOUND Right	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
NORTHBOUND Left-Through-Right		0							0				0				0	
NORTHBOUND Left-Right		0							0				0				0	
SOUTHBOUND Left	52	1	52	0	52	52	2	55	1	55	0	55	1	55	0	55	1	55
SOUTHBOUND Left-Through		0							0				0				0	
SOUTHBOUND Through	248	1	173	0	248	173	84	335	1	223	0	335	1	223	0	335	1	223
SOUTHBOUND Through-Right		1							1				1				1	
SOUTHBOUND Right	97	0	97	0	97	97	12	110	0	110	0	110	0	110	0	110	0	110
SOUTHBOUND Left-Through-Right		0							0				0				0	
SOUTHBOUND Left-Right		0							0				0				0	
EASTBOUND Left	207	1	207	0	207	207	1	210	1	210	0	210	1	210	0	210	1	210
EASTBOUND Left-Through		0							0				0				0	
EASTBOUND Through	139	1	88	0	139	88	29	170	1	110	0	170	1	110	0	170	1	110
EASTBOUND Through-Right		1							1				1				1	
EASTBOUND Right	36	0	36	0	36	36	14	50	0	50	0	50	0	50	0	50	0	50
EASTBOUND Left-Through-Right		0							0				0				0	
EASTBOUND Left-Right		0							0				0				0	
WESTBOUND Left	16	1	16	0	16	16	0	16	1	16	0	16	1	16	0	16	1	16
WESTBOUND Left-Through		0							0				0				0	
WESTBOUND Through	173	1	124	0	173	124	27	202	1	148	0	202	1	148	0	202	1	148
WESTBOUND Through-Right		1							1				1				1	
WESTBOUND Right	75	0	75	0	75	75	17	93	0	93	0	93	0	93	0	93	0	93
WESTBOUND Left-Through-Right		0							0				0				0	
WESTBOUND Left-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:		228	North-South:		529	North-South:			276	North-South:			578	North-South:			578
	East-West:		331	East-West:		331	East-West:			358	East-West:			358	East-West:			358
	SUM:		559	SUM:		860	SUM:			634	SUM:			936	SUM:			936
VOLUME/CAPACITY (V/C) RATIO:			0.392			0.604				0.445				0.657				0.657
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.322			0.534				0.345				0.557				0.557
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.212 Δv/c after mitigation: 0.212

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
133	East-West Street:	US 101 NB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	237	1	237	0	237	237	3	243	1	243	0	243	1	243	0	243	1	243
	Left-Through		0							0				0				0	
	Through	890	3	297	22	912	304	151	1052	3	351	22	1074	3	358	0	1074	3	358
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	493	2	237	0	493	237	90	589	2	295	0	589	2	295	0	589	2	295
	Through-Right		1							1				1				1	
	Right	218	0	218	0	218	218	95	316	0	**316**	0	316	0	**316**	0	316	0	**316**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	166	1	**146**	0	166	**146**	32	200	1	**171**	0	200	1	**171**	0	200	1	**171**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	125	0	146	0	125	146	14	141	0	171	0	141	0	171	0	141	0	171
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
	CRITICAL VOLUMES		North-South:	474		North-South:	474		North-South:		559		North-South:		559		North-South:		559
			East-West:	146		East-West:	146		East-West:		171		East-West:		171		East-West:		171
			SUM:	620		SUM:	620		SUM:		730		SUM:		730		SUM:		730
	VOLUME/CAPACITY (V/C) RATIO:			0.435			0.435				0.512				0.512				0.512
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.365			0.365				0.412				0.412				0.412
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 | Δv/c after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
134	East-West Street:	US 101 SB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	814	2	**346**	22	836	**353**	101	925	2	**398**	22	947	2	**405**	0	947	2	**405**
	Through-Right		1							1				1				1	
	Right	224	0	224	0	224	224	41	268	0	268	0	268	0	268	0	268	0	268
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	138	0	**138**	0	138	**138**	29	169	0	**169**	0	169	0	**169**	0	169	0	**169**
	Left-Through		1							1				1				1	
	Through	527	2	264	0	527	264	111	644	2	322	0	644	2	322	0	644	2	322
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	310	1	**310**	0	310	**310**	75	389	1	**389**	0	389	1	**389**	0	389	1	**389**
	Left-Through		0							0				0				0	
	Through	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	Through-Right		0							0				0				0	
	Right	136	1	136	0	136	136	3	141	1	141	0	141	1	141	0	141	1	141
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	484		North-South:	491		North-South:		567		North-South:		574		North-South:		574
			East-West:	310		East-West:	310		East-West:		389		East-West:		389		East-West:		389
			SUM:	794		SUM:	801		SUM:		956		SUM:		963		SUM:		963
	VOLUME/CAPACITY (V/C) RATIO:			0.529			0.534				0.637				0.642				0.642
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.459			0.464				0.537				0.542				0.542
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.005 | Δv/c after mitigation: 0.005

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
135	East-West Street:	Beverly	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	31	0	**31**	0	31	**31**	0	31	0	31	0	31	0	31	0	31	0	31
	Left-Through		1							1				1				1	
	Through	734	1	280	22	756	287	134	877	1	**350**	22	899	1	**357**	0	899	1	**357**
	Through-Right		1							1				1				1	
	Right	44	0	280	0	44	287	3	48	0	350	0	48	0	357	0	48	0	357
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	29	0	29	0	29	29	0	29	0	**29**	0	29	0	**29**	0	29	0	**29**
	Left-Through		1							1				1				1	
	Through	462	1	**289**	0	462	**289**	103	571	1	344	0	571	1	344	0	571	1	344
	Through-Right		0							0				0				0	
	Right	99	1	69	0	99	69	0	100	1	69	0	100	1	69	0	100	1	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	61	1	**61**	0	61	**61**	0	62	1	**62**	0	62	1	**62**	0	62	1	**62**
	Left-Through		0							0				0				0	
	Through	154	2	57	0	154	57	98	254	2	90	0	254	2	90	0	254	2	90
	Through-Right		1							1				1				1	
	Right	17	0	17	0	17	17	0	17	0	17	0	17	0	17	0	17	0	17
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	59	1	59	0	59	59	0	60	1	60	0	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	282	2	**109**	0	282	**109**	144	429	2	**158**	0	429	2	**158**	0	429	2	**158**
	Through-Right		1							1				1				1	
	Right	45	0	45	0	45	45	0	46	0	46	0	46	0	46	0	46	0	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	320		North-South:	320		North-South:		379		North-South:		386		North-South:		386
			East-West:	170		East-West:	170		East-West:		220		East-West:		220		East-West:		220
			SUM:	490		SUM:	490		SUM:		599		SUM:		606		SUM:		606
	VOLUME/CAPACITY (V/C) RATIO:			0.327			0.327				0.399				0.404				0.404
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.257			0.257				0.299				0.304				0.304
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.005 | Δv/c after mitigation: 0.005

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
136	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	79	1	**79**	0	79	79	5	85	1	**85**	0	85	1	85	0	85	1	85
	Left-Through		0							0				0				0	
	Through	406	2	158	83	489	**185**	116	527	2	200	83	610	2	**227**	0	610	2	**227**
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	4	72	0	72	0	72	0	72	0	72	0	72
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	110	1	110	0	110	**110**	0	111	1	111	0	111	1	**111**	0	111	1	**111**
	Left-Through		0							0				0				0	
	Through	501	2	**207**	0	501	207	66	573	2	**233**	0	573	2	233	0	573	2	233
	Through-Right		1							1				1				1	
	Right	119	0	119	0	119	119	5	125	0	125	0	125	0	125	0	125	0	125
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	134	1	134	0	134	134	6	142	1	142	0	142	1	142	0	142	1	142
	Left-Through		0							0				0				0	
	Through	931	1	**514**	0	931	**514**	132	1074	1	**588**	0	1074	1	**588**	0	1074	1	**588**
	Through-Right		1							1				1				1	
	Right	96	0	96	0	96	96	4	101	0	101	0	101	0	101	0	101	0	101
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	69	1	**69**	0	69	**69**	5	75	1	**75**	0	75	1	**75**	0	75	1	**75**
	Left-Through		0							0				0				0	
	Through	753	2	377	0	753	377	142	904	2	452	0	904	2	452	0	904	2	452
	Through-Right		0							0				0				0	
	Right	117	1	62	0	117	62	0	118	1	63	0	118	1	63	0	118	1	63
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		North-South:	286		North-South:	295		North-South:		318		North-South:		338		North-South:		338
			East-West:	583		East-West:	583		East-West:		663		East-West:		663		East-West:		663
			SUM:	869		SUM:	878		SUM:		981		SUM:		1001		SUM:		1001
	VOLUME/CAPACITY (V/C) RATIO:			0.579			0.585				0.654				0.667				0.667
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.509			0.515				0.554				0.567				0.567
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.013 | Δv/c after mitigation: 0.013

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Alvardo	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
137	East-West Street:	6th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2			2			3				3				3				3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0				0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2				2				2				2	
Override Capacity				0			0			0				0				0				0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	41	0	41	0	41	41	0	41	0	41	0	41	0	41	0	41	0	41
	Left-Through		1							1				1				1	
	Through	582	1	**237**	22	604	**244**	131	720	1	**288**	22	742	1	**295**	0	742	1	**295**
	Through-Right		1							1				1				1	
	Right	46	0	237	0	46	244	14	61	0	288	0	61	0	295	0	61	0	295
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	35	0	**35**	0	35	**35**	0	35	0	**35**	0	35	0	**35**	0	35	0	**35**
	Left-Through		1							1				1				1	
	Through	378	1	194	0	378	194	97	480	1	231	0	480	1	231	0	480	1	231
	Through-Right		1							1				1				1	
	Right	63	0	194	0	63	194	9	73	0	231	0	73	0	231	0	73	0	231
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	84	1	**84**	0	84	**84**	3	88	1	**88**	0	88	1	**88**	0	88	1	**88**
	Left-Through		0							0				0				0	
	Through	258	1	144	0	258	144	123	384	1	207	0	384	1	207	0	384	1	207
	Through-Right		1							1				1				1	
	Right	29	0	29	0	29	29	0	29	0	29	0	29	0	29	0	29	0	29
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	53	1	53	0	53	53	11	65	1	65	0	65	1	65	0	65	1	65
	Left-Through		0							0				0				0	
	Through	241	1	**154**	0	241	**154**	131	375	1	**222**	0	375	1	**222**	0	375	1	**222**
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		272	North-South:		279	North-South:			323	North-South:			330	North-South:			330
		East-West:		238	East-West:		238	East-West:			310	East-West:			310	East-West:			310
		SUM:		510	SUM:		517	SUM:			633	SUM:			640	SUM:			640
VOLUME/CAPACITY (V/C) RATIO:				0.340			0.345				0.444				0.449				0.449
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.270			0.275				0.344				0.349				0.349
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.005 | Δv/c after mitigation: 0.005

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Wilshire	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
138	East-West Street:	Western	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4			4			4				4				4				4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0				0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2				2				2				2	
Override Capacity				0			0			0				0				0				0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	62	0	62	0	62	62	10	73	0	73	0	73	0	73	0	73	0	73
	Left-Through		1							1				1				1	
	Through	747	1	**366**	74	821	**391**	47	803	1	**403**	74	877	1	**428**	0	877	1	**428**
	Through-Right		1							1				1				1	
	Right	103	0	366	0	103	391	11	115	0	403	0	115	0	428	0	115	0	428
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	93	1	**93**	0	93	**93**	0	94	1	**94**	0	94	1	**94**	0	94	1	**94**
	Left-Through		0							0				0				0	
	Through	662	1	360	0	662	360	72	742	1	400	0	742	1	400	0	742	1	400
	Through-Right		1							1				1				1	
	Right	57	0	57	0	57	57	0	58	0	58	0	58	0	58	0	58	0	58
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	118	1	118	0	118	118	0	119	1	119	0	119	1	119	0	119	1	119
	Left-Through		0							0				0				0	
	Through	640	2	**245**	0	640	**245**	47	695	2	**264**	0	695	2	**264**	0	695	2	**264**
	Through-Right		1							1				1				1	
	Right	94	0	94	0	94	94	2	97	0	97	0	97	0	97	0	97	0	97
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	126	1	**126**	5	131	**131**	17	145	1	**145**	5	150	1	**150**	0	150	1	**150**
	Left-Through		0							0				0				0	
	Through	568	2	222	80	648	252	59	634	2	245	80	714	2	274	0	714	2	274
	Through-Right		1							1				1				1	
	Right	99	0	99	9	108	108	0	100	0	100	9	109	0	109	0	109	0	109
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		459	North-South:		484	North-South:			497	North-South:			522	North-South:			522
		East-West:		371	East-West:		376	East-West:			409	East-West:			414	East-West:			414
		SUM:		830	SUM:		860	SUM:			906	SUM:			936	SUM:			936
VOLUME/CAPACITY (V/C) RATIO:				0.604			0.625				0.659				0.681				0.681
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.534			0.555				0.559				0.581				0.581
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.022 | Δv/c after mitigation: 0.022

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
139	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3			3			3				3				3				3	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0				0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2				2				2				2	
Override Capacity				0			0			0				0				0				0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	83	0	83	0	83	83	0	84	0	84	0	84	0	84	0	84	0	84
	Left-Through		1							1				1				1	
	Through	758	0	**545**	18	776	**554**	16	783	0	**560**	18	801	0	**569**	0	801	0	**569**
	Through-Right		1							1				1				1	
	Right	44	1	5	0	44	4	6	51	1	6	0	51	1	5	0	51	1	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	50	0	**50**	0	50	**50**	7	58	0	**58**	0	58	0	**58**	0	58	0	**58**
	Left-Through		1							1				1				1	
	Through	812	1	506	0	812	506	11	833	1	533	0	833	1	533	0	833	1	533
	Through-Right		0							0				0				0	
	Right	58	1	41	0	58	41	0	59	1	42	0	59	1	42	0	59	1	42
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	35	1	35	0	35	**35**	0	35	1	35	0	35	1	**35**	0	35	1	**35**
	Left-Through		0							0				0				0	
	Through	339	2	**138**	0	339	138	47	390	2	**195**	0	390	2	195	0	390	2	195
	Through-Right		1							0				0				0	
	Right	74	0	74	0	74	74	0	75	1	75	0	75	1	75	0	75	1	75
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	39	1	**39**	1	40	40	6	45	1	**45**	1	46	1	46	0	46	1	46
	Left-Through		0							0				0				0	
	Through	300	2	120	94	394	**152**	58	362	2	181	94	456	2	**228**	0	456	2	**228**
	Through-Right		1							0				0				0	
	Right	60	0	60	2	62	62	5	66	1	66	2	68	1	68	0	68	1	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		595	North-South:		604	North-South:			618	North-South:			627	North-South:			627
		East-West:		177	East-West:		187	East-West:			240	East-West:			263	East-West:			263
		SUM:		772	SUM:		791	SUM:			858	SUM:			890	SUM:			890
VOLUME/CAPACITY (V/C) RATIO:				0.542			0.555				0.602				0.625				0.625
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.472			0.485				0.502				0.525				0.525
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.023 | Δv/c after mitigation: 0.023

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
140	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				4			4			4				4				4				4	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0			0				0				0				0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3	NB--	0	SB--	3
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				1			1			2				2				2				2	
Override Capacity				0			0			0				0				0				0	

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	101	1	**101**	0	101	**101**	52	154	1	**154**	0	154	1	**154**	0	154	1	**154**
	Left-Through		0							0				0				0	
	Through	515	2	200	74	589	225	110	631	2	239	74	705	2	264	0	705	2	264
	Through-Right		1							1				1				1	
	Right	85	0	85	0	85	85	0	86	0	86	0	86	0	86	0	86	0	86
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	154	1	154	0	154	154	2	158	1	158	0	158	1	158	0	158	1	158
	Left-Through		0							0				0				0	
	Through	600	2	**300**	0	600	**300**	57	664	2	**332**	0	664	2	**332**	0	664	2	**332**
	Through-Right		0							0				0				0	
	Right	114	1	9	0	114	9	16	131	1	13	0	131	1	13	0	131	1	13
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	105	1	105	0	105	**105**	12	118	1	**118**	0	118	1	**118**	0	118	1	**118**
	Left-Through		0							0				0				0	
	Through	931	2	**339**	0	931	339	64	1006	2	380	0	1006	2	380	0	1006	2	380
	Through-Right		1							1				1				1	
	Right	85	0	85	0	85	85	47	133	0	133	0	133	0	133	0	133	0	133
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	60	1	**60**	5	65	65	0	61	1	61	5	66	1	66	0	66	1	66
	Left-Through		0							0				0				0	
	Through	771	2	294	97	868	**330**	82	862	2	**326**	97	959	2	**361**	0	959	2	**361**
	Through-Right		1							1				1				1	
	Right	112	0	112	9	121	121	2	115	0	115	9	124	0	124	0	124	0	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		401	North-South:		401	North-South:			486	North-South:			486	North-South:			486
		East-West:		399	East-West:		435	East-West:			444	East-West:			479	East-West:			479
		SUM:		800	SUM:		836	SUM:			930	SUM:			965	SUM:			965
VOLUME/CAPACITY (V/C) RATIO:				0.582			0.608				0.676				0.702				0.702
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.512			0.538				0.576				0.602				0.602
LEVEL OF SERVICE (LOS):				A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.026 | Δv/c after mitigation: 0.026

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
141	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	15	0	15	29	44	44	0	15	0	15	29	44	0	44	0	44	0	44
	Left-Through		1							1				1				1	
	Through	506	1	191	22	528	218	107	619	1	233	22	641	1	259	0	641	1	259
	Through-Right		1							1				1				1	
	Right	37	0	191	0	37	218	12	49	0	233	0	49	0	259	0	49	0	259
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	25	0	25	0	25	25	0	25	0	25	0	25	0	25	0	25	0	25
	Left-Through		1							1				1				1	
	Through	379	1	160	0	379	160	84	468	1	215	0	468	1	215	0	468	1	215
	Through-Right		1							1				1				1	
	Right	52	0	160	0	52	160	24	77	0	215	0	77	0	215	0	77	0	215
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	106	1	106	0	106	106	37	144	1	144	0	144	1	144	0	144	1	144
	Left-Through		0							0				0				0	
	Through	354	1	197	0	354	197	52	410	1	225	0	410	1	225	0	410	1	225
	Through-Right		1							1				1				1	
	Right	39	0	39	0	39	39	0	39	0	39	0	39	0	39	0	39	0	39
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	37	1	37	25	62	62	14	51	1	51	25	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	301	1	175	88	389	219	61	366	1	209	88	454	1	253	0	454	1	253
	Through-Right		1							1				1				1	
	Right	48	0	48	0	48	48	2	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		216	North-South:		243	North-South:			258	North-South:			284	North-South:			284
		East-West:		281	East-West:		325	East-West:			353	East-West:			397	East-West:			397
		SUM:		497	SUM:		568	SUM:			611	SUM:			681	SUM:			681
	VOLUME/CAPACITY (V/C) RATIO:			0.331			0.379				0.407				0.454				0.454
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.261			0.309				0.307				0.354				0.354
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.047 Δv/c after mitigation: 0.047

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
142	East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	67	1	67	0	67	67	5	73	1	73	0	73	1	73	0	73	1	73
	Left-Through		0							0				0				0	
	Through	840	1	437	74	914	474	144	994	1	514	74	1068	1	551	0	1068	1	551
	Through-Right		1							1				1				1	
	Right	34	0	34	0	34	34	0	34	0	34	0	34	0	34	0	34	0	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	33	1	33	0	33	33	7	40	1	40	0	40	1	40	0	40	1	40
	Left-Through		0							0				0				0	
	Through	900	1	497	5	905	499	135	1046	1	576	5	1051	1	579	0	1051	1	579
	Through-Right		1							1				1				1	
	Right	93	0	93	0	93	93	12	106	0	106	0	106	0	106	0	106	0	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	79	0	79	0	79	79	7	87	0	87	0	87	0	87	0	87	0	87
	Left-Through		1							1				1				1	
	Through	267	0	229	0	267	229	82	352	0	322	0	352	0	322	0	352	0	322
	Through-Right		1							1				1				1	
	Right	112	0	229	0	112	229	5	118	0	322	0	118	0	322	0	118	0	322
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	22	0	22	0	22	22	0	22	0	22	0	22	0	22	0	22	0	22
	Left-Through		1							1				1				1	
	Through	249	0	170	0	249	170	97	349	0	224	0	349	0	224	0	349	0	224
	Through-Right		1							1				1				1	
	Right	47	0	170	0	47	170	7	55	0	224	0	55	0	224	0	55	0	224
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		564	North-South:		566	North-South:			649	North-South:			652	North-South:			652
		East-West:		251	East-West:		251	East-West:			344	East-West:			344	East-West:			344
		SUM:		815	SUM:		817	SUM:			993	SUM:			996	SUM:			996
	VOLUME/CAPACITY (V/C) RATIO:			0.543			0.545				0.662				0.664				0.664
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.443			0.445				0.562				0.564				0.564
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.002 Δv/c after mitigation: 0.002

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
143	East-West Street:	8th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	12	0	12	0	12	12	0	12	0	12	0	12	0	12	0	12	0	12
	Left-Through		1							1				1				1	
	Through	425	1	159	48	473	175	77	507	1	186	48	555	1	202	0	555	1	202
	Through-Right		1							1				1				1	
	Right	28	0	159	0	28	175	0	28	0	186	0	28	0	202	0	28	0	202
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through		1							1				1				1	
	Through	378	1	159	25	403	167	82	465	1	188	25	490	1	196	0	490	1	196
	Through-Right		1							1				1				1	
	Right	52	0	159	0	52	167	0	53	0	188	0	53	0	196	0	53	0	196
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	46	1	46	0	46	46	0	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	150	1	150	0	150	150	120	272	1	272	0	272	1	272	0	272	1	272
	Through-Right		0							0				0				0	
	Right	22	1	22	0	22	22	0	22	1	22	0	22	1	22	0	22	1	22
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	37	1	37	131	168	168	0	37	1	37	131	168	1	168	0	168	1	168
	Left-Through		0							0				0				0	
	Through	241	1	138	0	241	140	111	355	1	196	0	355	1	198	0	355	1	198
	Through-Right		1							1				1				1	
	Right	35	0	35	4	39	39	1	36	0	36	4	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		182	North-South:		198	North-South:			209	North-South:			225	North-South:			225
		East-West:		187	East-West:		318	East-West:			309	East-West:			440	East-West:			440
		SUM:		369	SUM:		516	SUM:			518	SUM:			665	SUM:			665
	VOLUME/CAPACITY (V/C) RATIO:			0.246			0.344				0.345				0.443				0.443
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.146			0.244				0.245				0.343				0.343
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.098 Δv/c after mitigation: 0.098

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
144	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	108	1	108	0	108	108	0	109	1	109	0	109	1	109	0	109	1	109
	Left-Through		0							0				0				0	
	Through	868	2	434	42	910	455	58	936	2	468	42	978	2	489	0	978	2	489
	Through-Right		0							0				0				0	
	Right	61	1	0	0	61	0	2	64	1	0	0	64	1	0	0	64	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	96	1	96	0	96	96	2	99	1	99	0	99	1	99	0	99	1	99
	Left-Through		0							0				0				0	
	Through	743	2	372	5	748	374	89	841	2	421	5	846	2	423	0	846	2	423
	Through-Right		0							0				0				0	
	Right	5	1	0	0	5	0	0	5	1	0	0	5	1	0	0	5	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	75	1	75	0	75	75	0	76	1	76	0	76	1	76	0	76	1	76
	Left-Through		0							0				0				0	
	Through	556	2	208	0	556	208	158	721	2	263	0	721	2	263	0	721	2	263
	Through-Right		1							1				1				1	
	Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	69	1	69	16	85	85	10	80	1	80	16	96	1	96	0	96	1	96
	Left-Through		0							0				0				0	
	Through	530	2	217	267	797	317	229	765	2	299	267	1032	2	399	0	1032	2	399
	Through-Right		1							1				1				1	
	Right	122	0	122	31	153	153	10	133	0	133	31	164	0	164	0	164	0	164
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		530	North-South:		551	North-South:			567	North-South:			588	North-South:			588
		East-West:		292	East-West:		392	East-West:			375	East-West:			475	East-West:			475
		SUM:		822	SUM:		943	SUM:			942	SUM:			1063	SUM:			1063
	VOLUME/CAPACITY (V/C) RATIO:			0.598			0.686				0.685				0.773				0.773
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.498			0.586				0.585				0.673				0.673
	LEVEL OF SERVICE (LOS):			A			A				A				B				B

PROJECT IMPACT

Change in v/c due to project: 0.088 Δv/c after mitigation: 0.088

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
145	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	39	1	39	0	39	39	8	47	1	47	0	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	434	1	**242**	11	445	**247**	13	452	1	**252**	11	463	1	**258**	0	463	1	**258**
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	2	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	67	1	**67**	0	67	**67**	1	69	1	**69**	0	69	1	**69**	0	69	1	**69**
	Left-Through		0							0				0				0	
	Through	438	2	219	1	439	220	21	464	2	232	1	465	2	233	0	465	2	233
	Through-Right		0							0				0				0	
	Right	52	1	21	0	52	21	7	60	1	19	0	60	1	19	0	60	1	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	62	1	62	0	62	**62**	20	83	1	**83**	0	83	1	**83**	0	83	1	**83**
	Left-Through		0							0				0				0	
	Through	714	2	**248**	0	714	248	195	918	2	331	0	918	2	331	0	918	2	331
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	45	76	0	76	0	76	0	76	0	76	0	76
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	44	1	**44**	4	48	48	3	48	1	48	4	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	628	2	228	314	942	**336**	214	850	2	**303**	314	1164	2	**411**	0	1164	2	**411**
	Through-Right		1							1				1				1	
	Right	57	0	57	8	65	65	2	60	0	60	8	68	0	68	0	68	0	68
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		309	North-South:		314	North-South:			321	North-South:			327	North-South:			327
		East-West:		292	East-West:		398	East-West:			386	East-West:			494	East-West:			543
		SUM:		601	SUM:		712	SUM:			707	SUM:			821	SUM:			821
VOLUME/CAPACITY (V/C) RATIO:				0.401			0.475				0.471				0.547				0.547
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.301			0.375				0.371				0.447				0.447
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.076 | Δv/c after mitigation: 0.076
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
146	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 3	SB--	0	NB-- 3	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	57	1	**57**	0	57	**57**	5	63	1	**63**	0	63	1	**63**	0	63	1	**63**
	Left-Through		0							0				0				0	
	Through	662	2	331	42	704	352	129	799	2	400	42	841	2	421	0	841	2	421
	Through-Right		1							1				1				1	
	Right	61	1	0	0	61	0	1	63	1	0	0	63	1	0	0	63	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	85	1	85	0	85	85	8	94	1	94	0	94	1	94	0	94	1	94
	Left-Through		0							0				0				0	
	Through	771	1	**468**	5	776	**471**	129	909	1	**539**	5	914	1	**542**	0	914	1	**542**
	Through-Right		1							1				1				1	
	Right	165	0	165	0	165	165	2	169	0	169	0	169	0	169	0	169	0	169
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	148	1	**148**	0	148	**148**	11	161	1	**161**	0	161	1	**161**	0	161	1	**161**
	Left-Through		0							0				0				0	
	Through	581	2	219	0	581	219	181	769	2	287	0	769	2	287	0	769	2	287
	Through-Right		1							1				1				1	
	Right	76	0	76	0	76	76	14	91	0	91	0	91	0	91	0	91	0	91
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	77	1	77	41	118	118	1	79	1	79	41	120	1	120	0	120	1	120
	Left-Through		0							0				0				0	
	Through	491	2	**187**	326	817	**306**	213	710	2	**263**	326	1036	2	**382**	0	1036	2	**382**
	Through-Right		1							1				1				1	
	Right	71	0	71	31	102	102	8	80	0	80	31	111	0	111	0	111	0	111
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		525	North-South:		528	North-South:			602	North-South:			605	North-South:			605
		East-West:		335	East-West:		454	East-West:			424	East-West:			543	East-West:			543
		SUM:		860	SUM:		982	SUM:			1026	SUM:			1148	SUM:			1148
VOLUME/CAPACITY (V/C) RATIO:				0.625			0.714				0.746				0.835				0.835
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.525			0.614				0.646				0.735				0.735
LEVEL OF SERVICE (LOS):				A			B				B				C				C

PROJECT IMPACT

Change in v/c due to project: 0.089 | Δv/c after mitigation: 0.089
Significant impacted? YES | Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Alvardo	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
147	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			4			4			4			4			4			4			4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	3	NB-- 0	SB--	3	NB--	SB--	3	NB--	SB--	3	NB--	SB--	3	NB--	SB--	3	NB--	SB--	3	NB--	SB--	3
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	36	1	36	79	115	115	0	36	1	36	79	115	1	115	0	115	1	115
	Left-Through		0							0				0				0	
	Through	274	1	**156**	38	312	**210**	73	350	1	**206**	38	388	1	**260**	0	388	1	**260**
	Through-Right		1							1				1				1	
	Right	38	0	38	70	108	108	24	62	0	62	70	132	0	132	0	132	0	132
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	63	1	**63**	0	63	**63**	5	69	1	**69**	0	69	1	**69**	0	69	1	**69**
	Left-Through		0							0				0				0	
	Through	292	2	146	9	301	151	75	371	2	186	9	380	2	190	0	380	2	190
	Through-Right		0							0				0				0	
	Right	85	1	0	146	231	134	0	86	1	0	146	232	1	134	0	232	1	134
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	97	1	**97**	0	97	**97**	0	98	1	**98**	0	98	1	**98**	0	98	1	**98**
	Left-Through		0							0				0				0	
	Through	472	2	168	0	472	168	190	668	2	233	0	668	2	233	0	668	2	233
	Through-Right		1							1				1				1	
	Right	31	0	31	0	31	31	0	31	0	31	0	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	55	1	55	102	157	157	24	80	1	80	102	182	1	182	0	182	1	182
	Left-Through		0							0				0				0	
	Through	467	2	**179**	193	660	**246**	222	695	2	**257**	193	888	2	**324**	111	999	2	**361**
	Through-Right		1							1				1				1	
	Right	69	0	69	10	79	79	5	75	0	75	10	85	0	85	0	85	0	85
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		219	North-South:		273	North-South:			275	North-South:			329	North-South:			329
		East-West:		276	East-West:		343	East-West:			355	East-West:			422	East-West:			459
		SUM:		495	SUM:		616	SUM:			630	SUM:			751	SUM:			788
VOLUME/CAPACITY (V/C) RATIO:				0.360			0.448				0.458				0.546				0.573
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.260			0.348				0.358				0.446				0.473
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.088 | Δv/c after mitigation: 0.115
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Union	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
148	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0	NB--	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0	EB--	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0			0			0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	1	**55**	0	55	**55**	0	56	1	**56**	0	56	1	**56**	0	56	1	**56**
	Left-Through		0							0				0				0	
	Through	153	0	168	24	177	192	1	156	0	171	24	180	0	195	0	180	0	195
	Through-Right		1							1				1				1	
	Right	15	0	0	0	15	0	0	15	0	0	0	15	0	0	0	15	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	1	44	0	44	44	0	45	1	45	0	45	1	45	0	45	1	45
	Left-Through		0							0				0				0	
	Through	215	1	**215**	0	215	**215**	1	219	1	**219**	0	219	1	**219**	0	219	1	**219**
	Through-Right		0							0				0				0	
	Right	97	1	72	0	97	72	0	98	1	73	0	98	1	73	0	98	1	73
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	50	1	50	0	50	**50**	0	51	1	51	0	51	1	**51**	0	51	1	**51**
	Left-Through		0							0				0				0	
	Through	485	2	**175**	70	555	198	218	709	2	**249**	70	779	2	273	0	779	2	273
	Through-Right		1							1				1				1	
	Right	39	0	39	0	39	39	0	39	0	39	0	39	0	39	0	39	0	39
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	31	1	**31**	0	31	31	0	31	1	**31**	0	31	1	31	88	119	1	119
	Left-Through		0							0				0				0	
	Through	383	2	132	305	688	**234**	250	638	2	221	305	943	2	**323**	111	1054	2	**360**
	Through-Right		1							1				1				1	
	Right	14	0	14	0	14	14	11	25	0	25	0	25	0	25	0	25	0	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		270	North-South:		270	North-South:			275	North-South:			275	North-South:			275
		East-West:		206	East-West:		284	East-West:			280	East-West:			374	East-West:			411
		SUM:		476	SUM:		554	SUM:			555	SUM:			649	SUM:			686
VOLUME/CAPACITY (V/C) RATIO:				0.317			0.369				0.370				0.433				0.457
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.217			0.269				0.270				0.333				0.357
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.063 | Δv/c after mitigation: 0.087
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
149	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	32	1	32	0	32	32	0	32	1	32	0	32	1	32	0	32	1	32
	Left-Through		0							0				0				0	
	Through	728	1	389	33	761	405	58	795	1	423	33	828	1	439	0	828	1	439
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	1	31	0	31	31	0	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	805	1	433	20	825	443	89	904	1	488	20	924	1	498	0	924	1	498
	Through-Right		1							1				1				1	
	Right	60	0	60	0	60	60	10	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	77	1	77	0	77	77	2	80	1	80	0	80	1	80	0	80	1	80
	Left-Through		0							0				0				0	
	Through	218	1	136	0	218	136	63	284	1	169	0	284	1	169	0	284	1	169
	Through-Right		1							1				1				1	
	Right	53	0	53	0	53	53	0	54	0	54	0	54	0	54	0	54	0	54
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	71	1	71	5	76	76	0	72	1	72	5	77	1	77	0	77	1	77
	Left-Through		0							0				0				0	
	Through	206	1	130	82	288	176	72	280	1	168	82	362	1	214	0	362	1	214
	Through-Right		1							1				1				1	
	Right	54	0	54	10	64	64	0	55	0	55	10	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		465	North-South:		475	North-South:			520	North-South:			530	North-South:			530
		East-West:		207	East-West:		253	East-West:			248	East-West:			294	East-West:			294
		SUM:		672	SUM:		728	SUM:			768	SUM:			824	SUM:			824
VOLUME/CAPACITY (V/C) RATIO:				0.448			0.485				0.512				0.549				0.549
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.348			0.385				0.412				0.449				0.449
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.037 | Δv/c after mitigation: 0.037 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
150	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through		1							1				1				1	
	Through	442	0	291	8	450	295	22	469	0	305	8	477	0	309	0	477	0	309
	Through-Right		1							1				1				1	
	Right	76	0	291	0	76	295	0	77	0	305	0	77	0	309	0	77	0	309
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	10	0	10	0	10	10	8	18	0	18	0	18	0	18	0	18	0	18
	Left-Through		1							1				1				1	
	Through	431	0	235	5	436	238	61	497	0	276	5	502	0	279	0	502	0	279
	Through-Right		1							1				1				1	
	Right	19	0	235	0	19	238	0	19	0	276	0	19	0	279	0	19	0	279
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
	Left-Through		0							0				0				0	
	Through	232	1	141	0	232	141	63	298	1	175	0	298	1	175	0	298	1	175
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	77	1	77	1	78	78	0	78	1	78	1	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	278	1	157	97	375	206	71	352	1	194	97	449	1	244	0	449	1	244
	Through-Right		1							1				1				1	
	Right	35	0	35	2	37	37	1	36	0	36	2	38	0	38	0	38	0	38
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		301	North-South:		305	North-South:			323	North-South:			327	North-South:			327
		East-West:		218	East-West:		226	East-West:			253	East-West:			264	East-West:			264
		SUM:		519	SUM:		531	SUM:			576	SUM:			591	SUM:			591
VOLUME/CAPACITY (V/C) RATIO:				0.346			0.354				0.384				0.394				0.394
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.246			0.254				0.284				0.294				0.294
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.010 | Δv/c after mitigation: 0.010 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
151	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	660	1	355	33	693	372	134	802	1	427	33	835	1	443	0	835	1	443
	Through-Right		1							1				1				1	
	Right	50	0	50	0	50	50	0	51	0	51	0	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	55	1	55	0	55	55	0	56	1	56	0	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	828	1	433	45	873	456	142	980	1	510	45	1025	1	532	0	1025	1	532
	Through-Right		1							1				1				1	
	Right	38	0	38	0	38	38	1	39	0	39	0	39	0	39	0	39	0	39
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	60	1	60	0	60	60	1	62	1	62	0	62	1	62	0	62	1	62
	Left-Through		0							0				0				0	
	Through	245	1	158	0	245	158	69	317	1	194	0	317	1	194	0	317	1	194
	Through-Right		1							1				1				1	
	Right	70	0	70	0	70	70	0	71	0	71	0	71	0	71	0	71	0	71
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	46	1	46	116	162	162	0	47	1	47	116	163	1	163	0	163	1	163
	Left-Through		0							0				0				0	
	Through	206	1	141	100	306	196	71	279	1	178	100	379	1	233	0	379	1	233
	Through-Right		1							1				1				1	
	Right	75	0	75	10	85	85	0	76	0	76	10	86	0	86	0	86	0	86
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		488	North-South:		511	North-South:			566	North-South:			588	North-South:			588
		East-West:		204	East-West:		320	East-West:			241	East-West:			357	East-West:			357
		SUM:		692	SUM:		831	SUM:			807	SUM:			945	SUM:			945
VOLUME/CAPACITY (V/C) RATIO:				0.461			0.554				0.538				0.630				0.630
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.361			0.454				0.438				0.530				0.530
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.092 | Δv/c after mitigation: 0.092 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Alvarado	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
152	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	12	0	12	47	59	59	0	12	0	12	47	59	0	59	27	86	0	86
	Left-Through		1							1				1				1	
	Through	216	0	129	0	216	176	92	311	0	183	0	311	0	230	0	311	0	257
	Through-Right		1							1				1				1	
	Right	18	0	129	0	18	176	13	31	0	183	0	31	0	230	0	31	0	257
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	58	1	58	0	58	58	1	60	1	60	0	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	246	1	163	66	312	219	94	343	1	214	66	409	1	269	0	409	1	269
	Through-Right		1							1				1				1	
	Right	80	0	80	45	125	125	3	84	0	84	45	129	0	129	0	129	0	129
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	64	1	64	70	134	134	4	69	1	69	70	139	1	139	0	139	1	139
	Left-Through		0							0				0				0	
	Through	182	1	101	-70	112	66	66	250	1	135	-70	180	1	100	0	180	1	100
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	29	1	29	257	286	286	1	30	1	30	257	287	1	287	0	287	1	287
	Left-Through		0							0				0				0	
	Through	321	1	197	140	461	342	68	393	1	234	140	533	1	379	-77	456	1	340
	Through-Right		1							1				1				1	
	Right	72	0	72	150	222	222	1	74	0	74	150	224	0	224	0	224	0	224
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		187	North-South:		278	North-South:			243	North-South:			328	North-South:			355
		East-West:		261	East-West:		476	East-West:			303	East-West:			518	East-West:			479
		SUM:		448	SUM:		754	SUM:			546	SUM:			846	SUM:			834
VOLUME/CAPACITY (V/C) RATIO:				0.314			0.529				0.383				0.594				0.585
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.214			0.429				0.283				0.494				0.485
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.211 | Δv/c after mitigation: 0.202 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	153	North-South Street:	Pico	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Union	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	16	1	**16**	0	16	**16**	0	16	1	**16**	0	16	1	**16**	0	16	1	**16**
	Left-Through		0							0				0				0	
	Through	119	0	141	0	119	141	0	120	0	142	0	120	0	142	0	120	0	142
	Through-Right		1							1				1				1	
	Right	22	0	0	0	22	0	0	22	0	0	0	22	0	0	0	22	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	35	1	35	0	35	35	1	36	1	36	0	36	1	36	0	36	1	36
	Left-Through		0							0				0				0	
	Through	160	1	**160**	24	184	**184**	0	162	1	**162**	24	186	1	**186**	0	186	1	**186**
	Through-Right		1							1				1				1	
	Right	53	1	35	0	53	35	0	54	1	36	0	54	1	36	88	142	1	124
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	36	1	**36**	0	36	**36**	0	36	1	**36**	0	36	1	**36**	0	36	1	**36**
	Left-Through		0							0				0				0	
	Through	169	1	98	-70	99	63	78	249	1	138	-70	179	1	103	0	179	1	103
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	0	27	0	27	0	27	0	27	0	27	0	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	27	1	27	0	27	27	8	35	1	35	0	35	1	35	0	35	1	35
	Left-Through		0							0				0				0	
	Through	356	1	**221**	547	903	**512**	69	429	1	**259**	547	976	1	**549**	-165	811	1	**467**
	Through-Right		1							1				1				1	
	Right	86	0	86	34	120	120	1	88	0	88	34	122	0	122	0	122	0	122
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		176	North-South:		200	North-South:			178	North-South:			202	North-South:			202
		East-West:		257	East-West:		548	East-West:			295	East-West:			585	East-West:			503
		SUM:		433	SUM:		748	SUM:			473	SUM:			787	SUM:			705
VOLUME/CAPACITY (V/C) RATIO:				0.289			0.499				0.315				0.525				0.470
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.189			0.399				0.215				0.425				0.370
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.210 Δv/c after mitigation: 0.155

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	154	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Alvarado	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 1	SB--	0	NB-- 1	SB--	0	NB-- 1	SB--	0	NB-- 1	SB--	0	NB-- 1	SB--	0	NB-- 1	SB--	0	NB-- 1	SB--	0	NB-- 1	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	436	2	218	7	443	222	41	482	2	241	7	489	2	245	0	489	2	245
	Through-Right		1							1				1				1	
	Right	206	1	0	0	206	0	105	313	1	0	0	313	1	0	0	313	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	486	2	**243**	21	507	**254**	71	563	2	**282**	21	584	2	**292**	0	584	2	**292**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	304	1	**155**	308	612	**309**	96	404	1	**205**	308	712	1	**359**	0	712	1	**359**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	6	0	155	0	6	309	0	6	0	205	0	6	0	359	0	6	0	359
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
CRITICAL VOLUMES		North-South:		243	North-South:		254	North-South:			282	North-South:			292	North-South:			292
		East-West:		155	East-West:		309	East-West:			205	East-West:			359	East-West:			359
		SUM:		398	SUM:		563	SUM:			487	SUM:			651	SUM:			651
VOLUME/CAPACITY (V/C) RATIO:				0.265			0.375				0.325				0.434				0.434
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.165			0.275				0.225				0.334				0.334
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.109 Δv/c after mitigation: 0.109

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	155	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	53	1	**53**	0	53	**53**	0	54	1	**54**	0	54	1	**54**	0	54	1	**54**
	Left-Through		0							0				0				0	
	Through	705	1	366	16	721	374	58	772	1	400	16	788	1	408	0	788	1	408
	Through-Right		1							1				1				1	
	Right	27	0	27	0	27	27	0	27	0	27	0	27	0	27	0	27	0	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	708	2	**354**	25	733	**367**	89	806	2	**403**	25	831	2	**416**	0	831	2	**416**
	Through-Right		0							0				0				0	
	Right	50	1	23	0	50	23	0	51	1	24	0	51	1	24	0	51	1	24
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	54	1	54	0	54	**54**	0	55	1	55	0	55	1	**55**	0	55	1	**55**
	Left-Through		0							0				0				0	
	Through	232	1	**141**	0	232	141	30	265	1	**158**	0	265	1	158	0	265	1	158
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	73	1	**73**	8	81	81	0	74	1	**74**	8	82	1	82	0	82	1	82
	Left-Through		0							0				0				0	
	Through	193	1	111	238	431	**238**	30	225	1	127	238	463	1	**254**	0	463	1	**254**
	Through-Right		1							1				1				1	
	Right	28	0	28	17	45	45	0	28	0	28	17	45	0	45	0	45	0	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		407	North-South:		420	North-South:			457	North-South:			470	North-South:			470
		East-West:		214	East-West:		292	East-West:			232	East-West:			309	East-West:			309
		SUM:		621	SUM:		712	SUM:			689	SUM:			779	SUM:			779
VOLUME/CAPACITY (V/C) RATIO:				0.414			0.475				0.459				0.519				0.519
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.314			0.375				0.359				0.419				0.419
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.060 Δv/c after mitigation: 0.060

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	156	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2			2		
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0		
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2			2		
Override Capacity			0			0			0			0			0			0			0		

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	58	1	**58**	0	58	**58**	0	59	1	**59**	0	59	1	**59**	0	59	1	**59**
	Left-Through		0							0				0				0	
	Through	531	1	275	4	535	277	22	559	1	289	4	563	1	291	0	563	1	291
	Through-Right		1							1				1				1	
	Right	19	0	19	0	19	19	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	19	1	19	0	19	19	0	19	1	19	0	19	1	19	0	19	1	19
	Left-Through		0							0				0				0	
	Through	574	1	**303**	6	580	**306**	61	642	1	**337**	6	648	1	**340**	0	648	1	**340**
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	37	1	37	0	37	**37**	0	37	1	37	0	37	1	**37**	0	37	1	**37**
	Left-Through		0							0				0				0	
	Through	197	1	**133**	0	197	133	30	229	1	**150**	0	229	1	150	0	229	1	150
	Through-Right		1							1				1				1	
	Right	69	0	69	0	69	69	0	70	0	70	0	70	0	70	0	70	0	70
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	26	1	**26**	2	28	28	0	26	1	**26**	2	28	1	28	0	28	1	28
	Left-Through		0							0				0				0	
	Through	171	1	99	263	434	**233**	30	203	1	115	263	466	1	**249**	0	466	1	**249**
	Through-Right		1							1				1				1	
	Right	27	0	27	4	31	31	0	27	0	27	4	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		361	North-South:		364	North-South:			396	North-South:			399	North-South:			399
		East-West:		159	East-West:		270	East-West:			176	East-West:			286	East-West:			286
		SUM:		520	SUM:		634	SUM:			572	SUM:			685	SUM:			685
VOLUME/CAPACITY (V/C) RATIO:				0.347			0.423				0.381				0.457				0.457
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.247			0.323				0.281				0.357				0.357
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.076 Δv/c after mitigation: 0.076

Significant impacted? NO Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	157	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	No. of Phases			2			2			2			2			2			2			2	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
	Override Capacity				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	32	1	**32**	0	32	**32**	0	32	1	**32**	0	32	1	**32**	0	32	1	**32**
	Left-Through		0							0				0				0	
	Through	675	1	366	16	691	374	134	817	1	437	16	833	1	445	0	833	1	445
	Through-Right		1							1				1				1	
	Right	56	0	56	0	56	56	0	57	0	57	0	57	0	57	0	57	0	57
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	831	1	**434**	147	978	**515**	143	984	1	**511**	147	1131	1	**591**	0	1131	1	**591**
	Through-Right		1							1				1				1	
	Right	37	0	37	14	51	51	0	37	0	37	14	51	0	51	0	51	0	51
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	42	1	**42**	0	42	**42**	0	43	1	**43**	0	43	1	**43**	0	43	1	**43**
	Left-Through		0							0				0				0	
	Through	160	1	100	0	160	100	30	192	1	116	0	192	1	116	0	192	1	116
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	0	40	0	40	0	40	0	40	0	40	0	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	51	1	51	8	59	59	0	52	1	52	8	60	1	60	0	60	1	60
	Left-Through		0							0				0				0	
	Through	197	1	**122**	256	453	**258**	30	229	1	**138**	256	485	1	**275**	0	485	1	**275**
	Through-Right		1							1				1				1	
	Right	46	0	46	17	63	63	0	47	0	47	17	64	0	64	0	64	0	64
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	466		*North-South:*	547		*North-South:*		543		*North-South:*		623		*North-South:*		623
			East-West:	164		*East-West:*	300		*East-West:*		181		*East-West:*		318		*East-West:*		318
			SUM:	630		*SUM:*	847		*SUM:*		724		*SUM:*		941		*SUM:*		941
	VOLUME/CAPACITY (*V/C*) RATIO:			0.420			0.565				0.483				0.627				0.627
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.320**			**0.465**				**0.383**				**0.527**				**0.527**
	LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.144** | *Δv/c* after mitigation: **0.144**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	158	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	No. of Phases			3			3			3			3			3			3			3	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
	Override Capacity				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	32	1	**32**	0	32	**32**	0	32	1	**32**	0	32	1	**32**	0	32	1	**32**
	Left-Through		0							0				0				0	
	Through	536	2	188	3	539	189	146	688	2	240	3	691	2	241	0	691	2	241
	Through-Right		1							1				1				1	
	Right	28	0	28	0	28	28	3	31	0	31	0	31	0	31	0	31	0	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	30	1	30	0	30	30	0	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	696	2	**348**	246	942	**471**	167	871	2	**436**	246	1117	2	**559**	0	1117	2	**559**
	Through-Right		0							0				0				0	
	Right	64	1	32	83	147	115	0	65	1	33	83	148	1	116	0	148	1	116
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	64	1	**64**	0	64	**64**	0	65	1	**65**	0	65	1	**65**	0	65	1	**65**
	Left-Through		0							0				0				0	
	Through	98	1	75	0	98	75	30	129	1	91	0	129	1	91	0	129	1	91
	Through-Right		1							1				1				1	
	Right	51	0	51	0	51	51	0	52	0	52	0	52	0	52	0	52	0	52
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	47	1	47	77	124	124	8	56	1	56	77	133	1	133	0	133	1	133
	Left-Through		0							0				0				0	
	Through	117	1	**84**	198	315	**185**	30	148	1	**100**	198	346	1	**201**	0	346	1	**201**
	Through-Right		1							1				1				1	
	Right	50	0	50	4	54	54	0	51	0	51	4	55	0	55	0	55	0	55
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	380		*North-South:*	503		*North-South:*		468		*North-South:*		591		*North-South:*		591
			East-West:	148		*East-West:*	249		*East-West:*		165		*East-West:*		266		*East-West:*		266
			SUM:	528		*SUM:*	752		*SUM:*		633		*SUM:*		857		*SUM:*		857
	VOLUME/CAPACITY (*V/C*) RATIO:			0.371			0.528				0.444				0.601				0.601
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.271**			**0.428**				**0.344**				**0.501**				**0.501**
	LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.157** | *Δv/c* after mitigation: **0.157**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	159	North-South Street:	Western	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	No. of Phases			4			4			4			4			4			4			4	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
	Override Capacity				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	66	1	**66**	0	66	**66**	0	67	1	**67**	0	67	1	**67**	0	67	1	**67**
	Left-Through		0							0				0				0	
	Through	809	1	443	0	809	443	58	877	1	477	0	877	1	477	0	877	1	477
	Through-Right		1							1				1				1	
	Right	76	0	76	0	76	76	0	77	0	77	0	77	0	77	0	77	0	77
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	903	1	**468**	34	937	**485**	89	1003	1	**518**	34	1037	1	**535**	0	1037	1	**535**
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	49	1	49	0	49	**49**	0	50	1	50	0	50	1	**50**	0	50	1	**50**
	Left-Through		0							0				0				0	
	Through	196	2	**85**	0	196	85	61	259	2	**106**	0	259	2	106	0	259	2	106
	Through-Right		1							1				1				1	
	Right	58	0	58	0	58	58	0	59	0	59	0	59	0	59	0	59	0	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	54	1	**54**	8	62	62	0	55	1	**55**	8	63	1	63	0	63	1	63
	Left-Through		0							0				0				0	
	Through	185	2	76	207	392	**150**	104	291	2	111	207	498	2	**186**	0	498	2	**186**
	Through-Right		1							1				1				1	
	Right	42	0	42	16	58	58	0	43	0	43	16	59	0	59	0	59	0	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	534		*North-South:*	551		*North-South:*		585		*North-South:*		602		*North-South:*		602
			East-West:	139		*East-West:*	199		*East-West:*		161		*East-West:*		236		*East-West:*		236
			SUM:	673		*SUM:*	750		*SUM:*		746		*SUM:*		838		*SUM:*		838
	VOLUME/CAPACITY (*V/C*) RATIO:			0.489			0.545				0.543				0.609				0.609
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.389**			**0.445**				**0.443**				**0.509**				**0.509**
	LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.066** | *Δv/c* after mitigation: **0.066**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	160	North-South Street:	Normandie	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

	No. of Phases			4			4			4			4			4			4			4	
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0			0	
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
	ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2				2
	Override Capacity				0				0				0				0				0				0

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	77	1	**77**	0	77	**77**	0	78	1	**78**	0	78	1	**78**	0	78	1	**78**
	Left-Through		0							0				0				0	
	Through	572	1	312	0	572	312	22	601	1	327	0	601	1	327	0	601	1	327
	Through-Right		1							1				1				1	
	Right	52	0	52	0	52	52	0	53	0	53	0	53	0	53	0	53	0	53
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	14	1	14	0	14	14	0	14	1	14	0	14	1	14	0	14	1	14
	Left-Through		0							0				0				0	
	Through	608	1	**321**	8	616	**325**	61	676	1	**355**	8	684	1	**359**	0	684	1	**359**
	Through-Right		1							1				1				1	
	Right	34	0	34	0	34	34	0	34	0	34	0	34	0	34	0	34	0	34
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	29	1	29	0	29	**29**	0	29	1	29	0	29	1	**29**	0	29	1	**29**
	Left-Through		0							0				0				0	
	Through	170	2	**78**	0	170	78	61	233	2	**99**	0	233	2	99	0	233	2	99
	Through-Right		1							1				1				1	
	Right	64	0	64	0	64	64	0	65	0	65	0	65	0	65	0	65	0	65
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	53	1	**53**	2	55	55	0	54	1	**54**	2	56	1	56	0	56	1	56
	Left-Through		0							0				0				0	
	Through	153	2	59	231	384	**137**	104	259	2	94	231	490	2	**172**	0	490	2	**172**
	Through-Right		1							1				1				1	
	Right	23	0	23	4	27	27	0	23	0	23	4	27	0	27	0	27	0	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES		*North-South:*	398		*North-South:*	402		*North-South:*		433		*North-South:*		437		*North-South:*		437
			East-West:	131		*East-West:*	166		*East-West:*		153		*East-West:*		201		*East-West:*		201
			SUM:	529		*SUM:*	568		*SUM:*		586		*SUM:*		638		*SUM:*		638
	VOLUME/CAPACITY (*V/C*) RATIO:			0.385			0.413				0.426				0.464				0.464
	V/C LESS ATSAC/ATCS ADJUSTMENT:			**0.285**			**0.313**				**0.326**				**0.364**				**0.364**
	LEVEL OF SERVICE (LOS):			**A**			**A**				**A**				**A**				**A**

PROJECT IMPACT

Change in *v/c* due to project: **0.038** | *Δv/c* after mitigation: **0.038**

Significant impacted? **NO** | Fully mitigated? **N/A**

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	161	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	55	1	**55**	0	55	**55**	0	56	1	**56**	0	56	1	**56**	0	56	1	**56**
	Left-Through		0							0				0				0	
	Through	686	2	343	0	686	343	134	828	2	414	0	828	2	414	0	828	2	414
	Through-Right		0							0				0				0	
	Right	84	1	13	0	84	5	0	85	1	13	0	85	1	5	0	85	1	5
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	31	1	31	0	31	31	0	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	896	2	**448**	156	1052	**526**	143	1050	2	**525**	156	1206	2	**603**	0	1206	2	**603**
	Through-Right		0							0				0				0	
	Right	54	1	31	0	54	31	0	55	1	32	0	55	1	32	0	55	1	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	46	1	46	0	46	**46**	0	47	1	47	0	47	1	**47**	0	47	1	**47**
	Left-Through		0							0				0				0	
	Through	164	2	**82**	0	164	82	61	227	2	**114**	0	227	2	114	0	227	2	114
	Through-Right		0							0				0				0	
	Right	52	1	25	0	52	25	0	53	1	25	0	53	1	25	0	53	1	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	71	1	**71**	8	79	79	0	72	1	**72**	8	80	1	80	0	80	1	80
	Left-Through		0							0				0				0	
	Through	166	2	68	237	403	**153**	104	272	2	104	237	509	2	**188**	0	509	2	**188**
	Through-Right		1							1				1				1	
	Right	39	0	39	16	55	55	0	39	0	39	16	55	0	55	0	55	0	55
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		503	*North-South:*		581	*North-South:*			581	*North-South:*			659	*North-South:*			659
		East-West:		153	*East-West:*		199	*East-West:*			186	*East-West:*			235	*East-West:*			235
		SUM:		656	*SUM:*		780	*SUM:*			767	*SUM:*			894	*SUM:*			894
	VOLUME/CAPACITY (*V/C*) RATIO:			0.477			0.567				0.558				0.650				0.650
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.377			0.467				0.458				0.550				0.550
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

Opposed Ø'ing: N/S-1, E/W-2 or Both-3?																			
			4	0			4	0			4	0			4	0			4	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0	NB--	3	SB--	0
	EB--	0	WB--	2	EB--	0	WB--	2	EB--	0	WB--	2	EB--	0	WB--	2	EB--	0	WB--	2
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2
Override Capacity				0				0				0				0				0

PROJECT IMPACT

Change in *v/c* due to project: 0.092 | *Δv/c* after mitigation: 0.092

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	162	North-South Street:	Hoover	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	37	1	37	0	37	**37**	0	37	1	37	0	37	1	**37**	0	37	1	**37**
	Left-Through		0							0				0				0	
	Through	572	2	**286**	0	572	286	141	720	2	**360**	0	720	2	360	0	720	2	360
	Through-Right		0							0				0				0	
	Right	65	1	40	0	65	27	0	66	1	40	0	66	1	27	0	66	1	27
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	118	1	**118**	0	118	118	11	130	1	**130**	0	130	1	130	0	130	1	130
	Left-Through		0							0				0				0	
	Through	612	2	306	253	865	**433**	164	783	2	392	253	1036	2	**518**	0	1036	2	**518**
	Through-Right		0							0				0				0	
	Right	70	1	36	70	140	106	0	71	1	36	70	141	1	106	0	141	1	106
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	69	1	69	0	69	**69**	0	70	1	**70**	0	70	1	**70**	0	70	1	**70**
	Left-Through		0							0				0				0	
	Through	147	2	**65**	0	147	65	61	210	2	87	0	210	2	87	0	210	2	87
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	51	1	**51**	26	77	77	0	52	1	52	26	78	1	78	0	78	1	78
	Left-Through		0							0				0				0	
	Through	68	2	33	191	259	**98**	104	173	2	**71**	191	364	2	**136**	26	390	2	**144**
	Through-Right		1							1				1				1	
	Right	32	0	32	3	35	35	8	40	0	40	3	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		404	*North-South:*		470	*North-South:*			490	*North-South:*			555	*North-South:*			555
		East-West:		116	*East-West:*		167	*East-West:*			141	*East-West:*			206	*East-West:*			214
		SUM:		520	*SUM:*		637	*SUM:*			631	*SUM:*			761	*SUM:*			769
	VOLUME/CAPACITY (*V/C*) RATIO:			0.365			0.447				0.443				0.534				0.540
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.265			0.347				0.343				0.434				0.440
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

Opposed Ø'ing: N/S-1, E/W-2 or Both-3?																			
			3	0			3	0			3	0			3	0			3	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2
Override Capacity				0				0				0				0				0

PROJECT IMPACT

Change in *v/c* due to project: 0.091 | *Δv/c* after mitigation: 0.097

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	163	North-South Street:	I-10 WB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	20th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	17	1	17	0	17	17	0	17	1	17	0	17	1	17	0	17	1	17
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	168	1	**168**	0	168	**168**	32	202	1	**202**	0	202	1	**202**	0	202	1	**202**
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	17	0	**40**	0	17	**40**	0	17	0	**40**	0	17	0	**40**	0	17	0	**40**
	Through-Right		1							1				1				1	
	Right	23	0	0	0	23	0	0	23	0	0	0	23	0	0	0	23	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	329	1	**329**	248	577	**577**	73	406	1	**406**	248	654	1	**654**	0	654	1	**654**
	Left-Through		0							0				0				0	
	Through	20	1	20	0	20	20	0	20	1	20	0	20	1	20	0	20	1	20
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		168	*North-South:*		168	*North-South:*			202	*North-South:*			202	*North-South:*			202
		East-West:		369	*East-West:*		617	*East-West:*			446	*East-West:*			694	*East-West:*			694
		SUM:		537	*SUM:*		785	*SUM:*			648	*SUM:*			896	*SUM:*			896
	VOLUME/CAPACITY (*V/C*) RATIO:			0.358			0.523				0.432				0.597				0.597
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.258			0.423				0.332				0.497				0.497
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

Opposed Ø'ing: N/S-1, E/W-2 or Both-3?																			
			2	0			2	0			2	0			2	0			2	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	2	SB--	0	NB--	2	SB--	0	NB--	2	SB--	0	NB--	2	SB--	0	NB--	2	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2
Override Capacity				0				0				0				0				0

PROJECT IMPACT

Change in *v/c* due to project: 0.165 | *Δv/c* after mitigation: 0.165

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	164	North-South Street:	Vermont	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	I-10 EB Ramps	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	673	2	**337**	0	673	**337**	131	812	2	**406**	0	812	2	**406**	0	812	2	**406**
	Through-Right		0							0				0				0	
	Right	151	1	151	0	151	151	0	153	1	153	0	153	1	153	0	153	1	153
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	392	2	**216**	0	392	**216**	26	423	2	**233**	0	423	2	**233**	0	423	2	**233**
	Left-Through		0							0				0				0	
	Through	520	2	260	42	562	281	52	578	2	289	42	620	2	310	0	620	2	310
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	236	1	**236**	0	236	**236**	43	282	1	**282**	0	282	1	**282**	0	282	1	**282**
	Left-Through		0							0				0				0	
	Through	4	0	183	0	4	183	0	4	0	215	0	4	0	215	0	4	0	215
	Through-Right		1							1				1				1	
	Right	179	0	0	0	179	0	30	211	0	0	0	211	0	0	0	211	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	*North-South:*		553	*North-South:*		553	*North-South:*			639	*North-South:*			639	*North-South:*			639
		East-West:		236	*East-West:*		236	*East-West:*			282	*East-West:*			282	*East-West:*			282
		SUM:		789	*SUM:*		789	*SUM:*			921	*SUM:*			921	*SUM:*			921
	VOLUME/CAPACITY (*V/C*) RATIO:			0.554			0.554				0.646				0.646				0.646
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.454			0.454				0.546				0.546				0.546
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

Opposed Ø'ing: N/S-1, E/W-2 or Both-3?																			
			3	0			3	0			3	0			3	0			3	0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2
Override Capacity				0				0				0				0				0

PROJECT IMPACT

Change in *v/c* due to project: 0.000 | *Δv/c* after mitigation: 0.000

Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	165	North-South Street:	I-10 EB Ramp	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Hoover	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				3				3				3				3				3			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	534	2	259	0	534	259	82	622	2	289	0	622	2	289	0	622	2	289
	Through-Right		1							1				1				1	
	Right	243	0	243	0	243	243	0	246	0	246	0	246	0	246	0	246	0	246
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	261	1	261	0	261	261	54	318	1	318	0	318	1	318	0	318	1	318
	Left-Through		0							0				0				0	
	Through	395	3	132	34	429	143	62	462	3	154	34	496	3	165	0	496	3	165
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	219	1	186	0	219	186	53	275	1	220	0	275	1	220	0	275	1	220
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	152	0	186	0	152	186	10	164	0	220	0	164	0	220	0	164	0	220
	Left-Through-Right		0							0				0				0	
	Left-Right		1							1				1				1	
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		520	North-South:		520	North-South:			607	North-South:			607	North-South:			607
		East-West:		186	East-West:		186	East-West:			220	East-West:			220	East-West:			220
		SUM:		706	SUM:		706	SUM:			827	SUM:			827	SUM:			827
VOLUME/CAPACITY (V/C) RATIO:				0.495			0.495				0.580				0.580				0.580
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.395			0.395				0.480				0.480				0.480
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.000 — Δv/c after mitigation: 0.000

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	166	North-South Street:	Hill	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/6/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
	Left-Through		1							1				1				1	
	Through	28	0	22	0	28	34	101	129	0	72	0	129	0	95	0	129	0	95
	Through-Right		1							1				1				1	
	Right	6	0	22	0	6	0	0	6	0	72	0	6	0	95	0	6	0	95
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	18	0	18	232	250	250	3	21	0	21	232	253	0	253	0	253	0	253
	Left-Through		1							1				1				1	
	Through	94	0	56	1401	1495	935	123	218	0	123	1401	1619	0	1001	0	1619	0	1001
	Through-Right		1							1				1				1	
	Right	0	0	56	124	124	935	6	6	0	123	124	130	0	1001	0	130	0	1001
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
	Left-Through		1							1				1				1	
	Through	75	0	43	361	436	440	6	82	0	47	361	443	0	447	0	443	0	447
	Through-Right		1							1				1				1	
	Right	7	0	43	578	585	581	1	8	0	47	578	586	0	586	0	586	0	586
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through		1							1				1				1	
	Through	54	0	29	0	54	37	16	71	0	40	0	71	0	47	0	71	0	47
	Through-Right		1							1				1				1	
	Right	1	0	29	0	1	37	4	5	0	40	0	5	0	47	0	5	0	47
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		65	North-South:		944	North-South:			132	North-South:			1010	North-South:			1010
		East-West:		46	East-West:		584	East-West:			50	East-West:			589	East-West:			589
		SUM:		111	SUM:		1528	SUM:			182	SUM:			1599	SUM:			1599
VOLUME/CAPACITY (V/C) RATIO:				0.074			1.019				0.121				1.066				1.066
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.037			0.919				0.061				0.966				0.966
LEVEL OF SERVICE (LOS):				A			E				A				E				E

PROJECT IMPACT

Change in v/c due to project: 0.905 — Δv/c after mitigation: 0.905

Significant impacted? YES — Fully mitigated? NO

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	167	North-South Street:	Broadway	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	10	0	10	0	10	10	11	21	1	21	0	21	1	21	0	21	1	21
	Left-Through		1							0				0				0	
	Through	92	0	53	0	92	53	68	161	2	55	0	161	2	55	0	161	2	55
	Through-Right		1							1				1				1	
	Right	3	0	53	0	3	53	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	6	0	6	0	6	6	0	6	1	6	0	6	1	6	0	6	1	6
	Left-Through		1							0				0				0	
	Through	130	0	72	118	248	131	76	208	2	73	118	326	2	112	0	326	2	112
	Through-Right		1							1				1				1	
	Right	8	0	72	0	8	131	2	10	0	10	0	10	0	10	0	10	0	10
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through		1							0				0				0	
	Through	69	0	42	511	580	338	5	75	0	93	511	586	0	685	0	586	0	685
	Through-Right		1							0				0				0	
	Right	12	0	42	81	93	338	3	15	0	0	81	96	0	0	0	96	0	0
	Left-Through-Right		0							1				1				1	
	Left-Right		0							0				0				0	
WESTBOUND	Left	5	0	5	0	5	5	0	5	0	5	0	5	0	5	0	5	0	5
	Left-Through		1							0				0				0	
	Through	37	0	25	0	37	33	7	44	0	57	0	44	0	57	0	44	0	57
	Through-Right		1							0				0				0	
	Right	8	0	25	0	8	33	0	8	0	0	0	8	0	0	0	8	0	0
	Left-Through-Right		0							1				1				1	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		82	North-South:		141	North-South:			94	North-South:			133	North-South:			133
		East-West:		47	East-West:		343	East-West:			98	East-West:			690	East-West:			690
		SUM:		129	SUM:		484	SUM:			192	SUM:			823	SUM:			823
VOLUME/CAPACITY (V/C) RATIO:				0.086			0.323				0.128				0.549				0.549
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.043			0.223				0.064				0.449				0.449
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.385 — Δv/c after mitigation: 0.385

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	168	North-South Street:	Main	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	1/9/2012
		East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases				2				2				2				2				2			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0				0			
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2				2			
Override Capacity				0				0				0				0				0			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	8	1	8	0	8	8	0	8	1	8	0	8	1	8	0	8	1	8
	Left-Through		0							0				0				0	
	Through	51	1	27	0	51	27	104	156	1	80	0	156	1	80	0	156	1	80
	Through-Right		1							1				1				1	
	Right	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	4	1	4	0	4	4	0	4	1	4	0	4	1	4	0	4	1	4
	Left-Through		0							0				0				0	
	Through	119	1	61	1	120	62	107	227	0	232	1	228	0	233	0	228	0	233
	Through-Right		1							1				1				1	
	Right	3	0	3	0	3	3	2	5	0	0	0	5	0	0	0	5	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through		1							1				1				1	
	Through	53	1	39	511	564	294	5	59	0	42	511	570	0	297	0	570	0	297
	Through-Right		1							1				1				1	
	Right	16	0	39	0	16	294	0	16	0	42	0	16	0	297	0	16	0	297
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through		1							1				1				1	
	Through	35	0	20	0	35	21	5	40	0	22	0	40	0	23	0	40	0	23
	Through-Right		1							1				1				1	
	Right	2	0	20	0	2	21	0	2	0	22	0	2	0	23	0	2	0	23
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		69	North-South:		70	North-South:			240	North-South:			241	North-South:			241
		East-West:		41	East-West:		296	East-West:			44	East-West:			299	East-West:			299
		SUM:		110	SUM:		366	SUM:			284	SUM:			540	SUM:			540
VOLUME/CAPACITY (V/C) RATIO:				0.073			0.244				0.189				0.360				0.360
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.037			0.144				0.095				0.260				0.260
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.165 — Δv/c after mitigation: 0.165

Significant impacted? NO — Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Los Angeles	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
169	East-West Street:	16th	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
	Left-Through		1							1				1				1	
	Through	37	0	22	0	37	22	16	53	0	30	0	53	0	30	0	53	0	30
	Through-Right		1							1				1				1	
	Right	2	0	22	0	2	22	0	2	0	30	0	2	0	30	0	2	0	30
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	Left-Through		1							1				1				1	
	Through	95	0	50	1	96	50	23	119	0	62	1	120	0	62	0	120	0	62
	Through-Right		1							1				1				1	
	Right	2	0	50	0	2	50	0	2	0	62	0	2	0	62	0	2	0	62
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through		1							1				1				1	
	Through	35	0	31	483	518	273	0	35	0	31	483	518	0	273	0	518	0	273
	Through-Right		1							1				1				1	
	Right	24	0	31	0	24	273	0	24	0	31	0	24	0	273	0	24	0	273
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through		1							1				1				1	
	Through	39	0	22	0	39	24	5	44	0	25	0	44	0	26	0	44	0	26
	Through-Right		1							1				1				1	
	Right	2	0	22	0	2	24	0	2	0	25	0	2	0	26	0	2	0	26
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		54	North-South:		54	North-South:			66	North-South:			66	North-South:			66
		East-West:		34	East-West:		276	East-West:			34	East-West:			276	East-West:			276
		SUM:		88	SUM:		330	SUM:			100	SUM:			342	SUM:			342
VOLUME/CAPACITY (v/c) RATIO:				0.059			0.220				0.067				0.228				0.228
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.029			0.120				0.033				0.128				0.128
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.095 | Δv/c after mitigation: 0.095 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	San Pedro	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
170	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 2 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	31	1	31	0	31	31	0	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	58	2	29	0	58	29	0	59	2	30	0	59	2	30	0	59	2	30
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	129	1	85	0	129	87	0	131	1	86	0	131	1	88	0	131	1	88
	Through-Right		1							1				1				1	
	Right	40	0	40	5	45	45	0	40	0	40	5	45	0	45	0	45	0	45
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	12	1	12	0	12	12	0	12	1	12	0	12	1	12	0	12	1	12
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	28	1	13	483	511	496	0	28	1	13	483	511	1	496	0	511	1	496
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	155	1	155	0	155	155	0	157	1	157	0	157	1	157	0	157	1	157
	Left-Through		0							0				0				0	
	Through	38	1	38	0	38	38	5	43	1	43	0	43	1	43	0	43	1	43
	Through-Right		1							1				1				1	
	Right	58	0	58	0	58	58	0	59	0	59	0	59	0	59	0	59	0	59
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		116	North-South:		118	North-South:			117	North-South:			119	North-South:			119
		East-West:		168	East-West:		651	East-West:			170	East-West:			653	East-West:			653
		SUM:		284	SUM:		769	SUM:			287	SUM:			772	SUM:			772
VOLUME/CAPACITY (v/c) RATIO:				0.189			0.513				0.191				0.515				0.515
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.095			0.413				0.096				0.415				0.415
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.319 | Δv/c after mitigation: 0.319 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
171	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 3 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	94	1	94	0	94	94	0	95	1	95	0	95	1	95	0	95	1	95
	Left-Through		0							0				0				0	
	Through	67	2	34	8	75	38	31	99	2	50	8	107	2	54	0	107	2	54
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	154	1	102	94	248	149	45	201	1	126	94	295	1	173	0	295	1	173
	Through-Right		1							1				1				1	
	Right	49	0	49	0	49	49	0	50	0	50	0	50	0	50	0	50	0	50
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	171	0	171	0	171	171	0	173	0	173	0	173	0	173	0	173	0	173
	Left-Through		1							1				1				1	
	Through	68	2	34	0	68	34	5	74	2	37	0	74	2	37	0	74	2	37
	Through-Right		0							0				0				0	
	Right	31	1	31	0	31	31	0	31	1	31	0	31	1	31	0	31	1	31
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		196	North-South:		243	North-South:			221	North-South:			268	North-South:			268
		East-West:		171	East-West:		171	East-West:			173	East-West:			173	East-West:			173
		SUM:		367	SUM:		414	SUM:			394	SUM:			441	SUM:			441
VOLUME/CAPACITY (v/c) RATIO:				0.258			0.291				0.276				0.309				0.309
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.158			0.191				0.176				0.209				0.209
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.033 | Δv/c after mitigation: 0.033 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Central	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
172	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases: 4 | Opposed Ø'ing: N/S-1, E/W-2 or Both-3?: 0 | Right Turns: FREE-1, NRTOR-2 or OLA-3?: NB-- 0 SB-- 0, EB-- 0 WB-- 0 | ATSAC-1 or ATSAC+ATCS-2?: 2 | Override Capacity: 0

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	15	1	15	0	15	15	0	15	1	15	0	15	1	15	0	15	1	15
	Left-Through		0							0				0				0	
	Through	257	1	133	0	257	133	89	349	1	179	0	349	1	179	0	349	1	179
	Through-Right		1							1				1				1	
	Right	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	18	1	18	18	36	36	18	36	1	36	18	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	257	1	135	76	333	173	98	358	1	187	76	434	1	225	0	434	1	225
	Through-Right		1							1				1				1	
	Right	13	0	13	0	13	13	2	15	0	15	0	15	0	15	0	15	0	15
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	35	1	35	8	43	43	4	39	1	39	8	47	1	47	0	47	1	47
	Left-Through		0							0				0				0	
	Through	121	1	70	356	477	257	87	209	1	114	356	565	1	301	0	565	1	301
	Through-Right		1							1				1				1	
	Right	19	0	19	17	36	36	0	19	0	19	17	36	0	36	0	36	0	36
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	30	1	30	0	30	30	0	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0				0				0	
	Through	146	1	93	0	146	93	49	197	1	133	0	197	1	133	0	197	1	133
	Through-Right		1							1				1				1	
	Right	40	0	40	0	40	40	29	69	0	69	0	69	0	69	0	69	0	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South:		151	North-South:		188	North-South:			215	North-South:			240	North-South:			240
		East-West:		128	East-West:		287	East-West:			172	East-West:			331	East-West:			331
		SUM:		279	SUM:		475	SUM:			387	SUM:			571	SUM:			571
VOLUME/CAPACITY (v/c) RATIO:				0.203			0.345				0.281				0.415				0.415
v/c LESS ATSAC/ATCS ADJUSTMENT:				0.103			0.245				0.181				0.315				0.315
LEVEL OF SERVICE (LOS):				A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.134 | Δv/c after mitigation: 0.134 | Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Wilton Place (ext. of Arlington)	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
173	East-West Street:	Wilshire	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	52	1	52	0	52	52	0	53	1	53	0	53	1	53	0	53	1	53
	Left-Through		0							0				0				0	
	Through	575	1	327	0	575	327	0	582	1	331	0	582	1	331	0	582	1	331
	Through-Right		1							1				1				1	
	Right	78	0	78	0	78	78	0	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	24	1	24	0	24	24	0	24	1	24	0	24	1	24	0	24	1	24
	Left-Through		0							0				0				0	
	Through	414	1	241	0	414	241	0	419	1	244	0	419	1	244	0	419	1	244
	Through-Right		1							1				1				1	
	Right	68	0	68	0	68	68	0	69	0	69	0	69	0	69	0	69	0	69
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	124	1	124	0	124	124	0	125	1	125	0	125	1	125	0	125	1	125
	Left-Through		0							0				0				0	
	Through	667	2	236	0	667	236	37	712	2	252	0	712	2	252	0	712	2	252
	Through-Right		1							1				1				1	
	Right	42	0	42	0	42	42	0	43	0	43	0	43	0	43	0	43	0	43
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	95	1	95	0	95	95	0	96	1	96	0	96	1	96	0	96	1	96
	Left-Through		0							0				0				0	
	Through	519	2	185	80	599	211	53	578	2	204	80	658	2	231	0	658	2	231
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	0	35	0	35	0	35	0	35	0	35	0	35
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		351	North-South:		351	North-South:			355	North-South:			355	North-South:			355
		East-West:		331	East-West:		335	East-West:			348	East-West:			356	East-West:			356
		SUM:		682	SUM:		686	SUM:			703	SUM:			711	SUM:			711
	VOLUME/CAPACITY (V/C) RATIO:			0.455			0.457				0.469				0.474				0.474
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.385			0.387				0.369				0.374				0.374
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.005 | Δv/c after mitigation: 0.005
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
174	East-West Street:	Olympic	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	53	1	53	0	53	53	0	54	1	54	0	54	1	54	0	54	1	54
	Left-Through		0							0				0				0	
	Through	448	2	224	0	448	224	0	453	2	227	0	453	2	227	0	453	2	227
	Through-Right		1							1				1				1	
	Right	24	1	0	0	24	0	0	24	1	0	0	24	1	0	0	24	1	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	50	1	50	0	50	50	0	51	1	51	0	51	1	51	0	51	1	51
	Left-Through		0							0				0				0	
	Through	370	2	185	0	370	185	0	374	2	187	0	374	2	187	0	374	2	187
	Through-Right		0							0				0				0	
	Right	87	1	40	0	87	40	0	88	1	40	0	88	1	40	0	88	1	40
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	95	1	95	0	95	95	0	96	1	96	0	96	1	96	0	96	1	96
	Left-Through		0							0				0				0	
	Through	544	3	181	0	544	181	101	652	3	217	0	652	3	217	0	652	3	217
	Through-Right		0							0				0				0	
	Right	51	1	25	0	51	25	0	52	1	25	0	52	1	25	0	52	1	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	51	1	51	0	51	51	0	52	1	52	0	52	1	52	0	52	1	52
	Left-Through		0							0				0				0	
	Through	518	3	173	267	785	262	130	654	3	218	267	921	3	307	0	921	3	307
	Through-Right		0							0				0				0	
	Right	70	1	45	0	70	45	0	71	1	46	0	71	1	46	0	71	1	46
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		274	North-South:		274	North-South:			278	North-South:			278	North-South:			278
		East-West:		268	East-West:		357	East-West:			314	East-West:			403	East-West:			403
		SUM:		542	SUM:		631	SUM:			592	SUM:			681	SUM:			681
	VOLUME/CAPACITY (V/C) RATIO:			0.361			0.421				0.395				0.454				0.454
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.261			0.321				0.395				0.454				0.454
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.059 | Δv/c after mitigation: 0.059
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
175	East-West Street:	Pico	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	447	2	224	0	447	224	0	452	2	226	0	452	2	226	0	452	2	226
	Through-Right		0							0				0				0	
	Right	29	1	14	0	29	14	0	29	1	14	0	29	1	14	0	29	1	14
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	44	1	44	0	44	44	0	45	1	45	0	45	1	45	0	45	1	45
	Left-Through		0							0				0				0	
	Through	404	2	202	0	404	202	0	409	2	205	0	409	2	205	0	409	2	205
	Through-Right		0							0				0				0	
	Right	53	1	24	0	53	24	0	54	1	25	0	54	1	25	0	54	1	25
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	58	1	58	0	58	58	0	59	1	59	0	59	1	59	0	59	1	59
	Left-Through		0							0				0				0	
	Through	259	1	159	0	259	159	65	327	1	194	0	327	1	194	0	327	1	194
	Through-Right		1							1				1				1	
	Right	59	0	59	0	59	59	0	60	0	60	0	60	0	60	0	60	0	60
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	31	1	31	0	31	31	0	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	226	1	129	82	308	170	82	311	1	172	82	393	1	213	0	393	1	213
	Through-Right		1							1				1				1	
	Right	32	0	32	0	32	32	0	32	0	32	0	32	0	32	0	32	0	32
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		268	North-South:		268	North-South:			271	North-South:			271	North-South:			271
		East-West:		190	East-West:		228	East-West:			231	East-West:			272	East-West:			272
		SUM:		458	SUM:		496	SUM:			502	SUM:			543	SUM:			543
	VOLUME/CAPACITY (V/C) RATIO:			0.305			0.331				0.335				0.362				0.362
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.205			0.231				0.235				0.262				0.262
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.027 | Δv/c after mitigation: 0.027
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
176	East-West Street:	Venice	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	53	0	53	0	53	53	0	54	0	54	0	54	0	54	0	54	0	54
	Left-Through		1							1				1				1	
	Through	555	0	351	0	555	351	0	562	0	355	0	562	0	355	0	562	0	355
	Through-Right		1							1				1				1	
	Right	40	0	351	0	40	351	0	40	0	355	0	40	0	355	0	40	0	355
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	23	0	23	0	23	23	0	23	0	23	0	23	0	23	0	23	0	23
	Left-Through		1							1				1				1	
	Through	538	0	312	0	538	312	0	544	0	338	0	544	0	338	0	544	0	338
	Through-Right		1							1				1				1	
	Right	39	0	312	0	39	312	0	39	0	338	0	39	0	338	0	39	0	338
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	29	1	29	0	29	29	0	29	1	29	0	29	1	29	0	29	1	29
	Left-Through		0							0				0				0	
	Through	288	2	144	0	288	144	30	321	2	161	0	321	2	161	0	321	2	161
	Through-Right		0							0				0				0	
	Right	91	1	91	0	91	91	0	92	1	92	0	92	1	92	0	92	1	92
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	43	1	43	0	43	43	0	44	1	44	0	44	1	44	0	44	1	44
	Left-Through		0							0				0				0	
	Through	247	1	140	238	485	259	30	280	1	157	238	518	1	276	0	518	1	276
	Through-Right		1							1				1				1	
	Right	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	CRITICAL VOLUMES	North-South:		374	North-South:		374	North-South:			392	North-South:			392	North-South:			392
		East-West:		187	East-West:		288	East-West:			205	East-West:			305	East-West:			305
		SUM:		561	SUM:		662	SUM:			597	SUM:			697	SUM:			697
	VOLUME/CAPACITY (V/C) RATIO:			0.374			0.441				0.398				0.465				0.465
	V/C LESS ATSAC/ATCS ADJUSTMENT:			0.274			0.341				0.298				0.365				0.365
	LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in v/c due to project: 0.067 | Δv/c after mitigation: 0.067
Significant impacted? NO | Fully mitigated? N/A

Level of Service Worksheet

2017 Future With Project With LACC Dark (SC) - Weekday Evening: Post-Event Hour: (9:00-10:00 PM)

I/S #:	North-South Street:	Arlington	Year of Count:	2011	Ambient Growth: (%):	0.2	Conducted by:	Eric Ji	Date:	11/1/2011
177	East-West Street:	Washington	Projection Year:	2017	Peak Hour:		Reviewed by:		Project:	LAEC

No. of Phases			2			2			2			2			2			2
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0	NB-- 0 SB--		0
	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0	EB-- 0 WB--		0
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2			2			2
Override Capacity			0			0			0			0			0			0

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND																		
Left	44	0	44	0	44	44	0	45	0	45	0	45	0	45	0	45	0	45
Left-Through		1							1				1				1	
Through	494	0	**371**	0	494	**371**	0	500	0	**376**	0	500	0	**376**	0	500	0	**376**
Through-Right		1							1				1				1	
Right	71	0	371	0	71	371	0	72	0	376	0	72	0	376	0	72	0	376
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
SOUTHBOUND																		
Left	15	0	**15**	0	15	**15**	0	15	0	**15**	0	15	0	**15**	0	15	0	**15**
Left-Through		1							1				1				1	
Through	582	0	323	0	582	323	0	589	0	326	0	589	0	326	0	589	0	326
Through-Right		1							1				1				1	
Right	33	0	323	0	33	323	0	33	0	326	0	33	0	326	0	33	0	326
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
EASTBOUND																		
Left	56	1	56	0	56	56	0	57	1	57	0	57	1	57	0	57	1	57
Left-Through		0							0				0				0	
Through	243	1	**155**	0	243	**155**	61	307	1	**188**	0	307	1	**188**	0	307	1	**188**
Through-Right		1							1				1				1	
Right	67	0	67	0	67	67	0	68	0	68	0	68	0	68	0	68	0	68
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
WESTBOUND																		
Left	89	1	**89**	0	89	**89**	0	90	1	**90**	0	90	1	**90**	0	90	1	**90**
Left-Through		0							0				0				0	
Through	234	2	89	207	441	158	104	341	2	125	207	548	2	194	0	548	2	194
Through-Right		1							1				1				1	
Right	33	0	33	0	33	33	0	33	0	33	0	33	0	33	0	33	0	33
Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0	
CRITICAL VOLUMES	*North-South:*		386	*North-South:*		386		*North-South:*		391		*North-South:*		391		*North-South:*		391
	East-West:		244	*East-West:*		244		*East-West:*		278		*East-West:*		278		*East-West:*		278
	SUM:		630	*SUM:*		630		*SUM:*		669		*SUM:*		669		*SUM:*		669
VOLUME/CAPACITY *(V/C)* RATIO:			0.420			0.420				0.446				0.446				0.446
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.320			0.320				0.346				0.346				0.346
LEVEL OF SERVICE (LOS):			A			A				A				A				A

PROJECT IMPACT

Change in *v/c* due to project:	0.000	Δ*v/c* after mitigation:	0.000
Significant impacted?	NO	Fully mitigated?	N/A