



APPENDIX F



TECHNICAL APPENDIX



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APPENDIX F TECHNICAL APPENDIX

Figure F-1. Existing (2008) Peak Hour Volumes

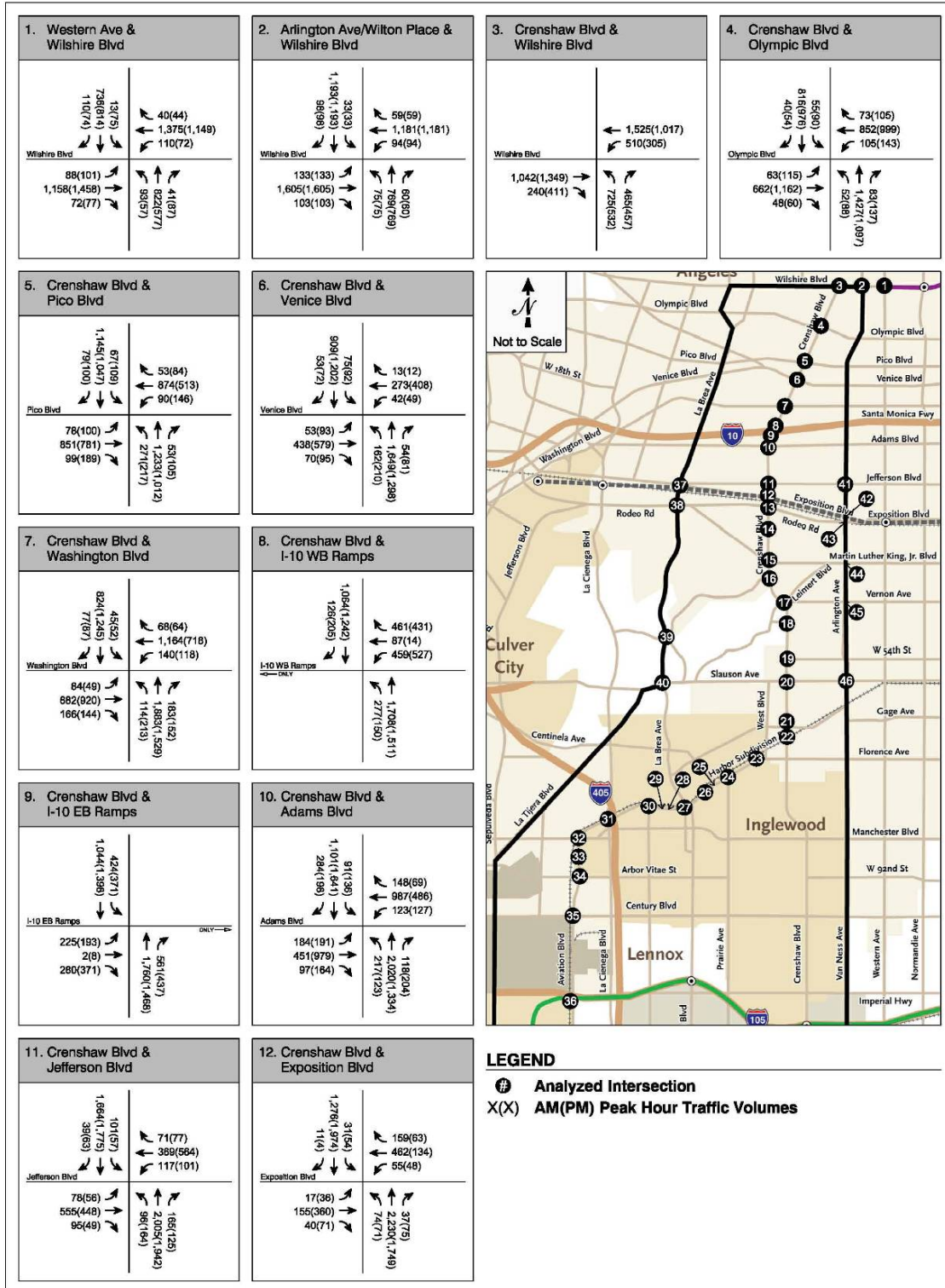


Figure F-1. Existing (2008) Peak Hour Volumes (continued)

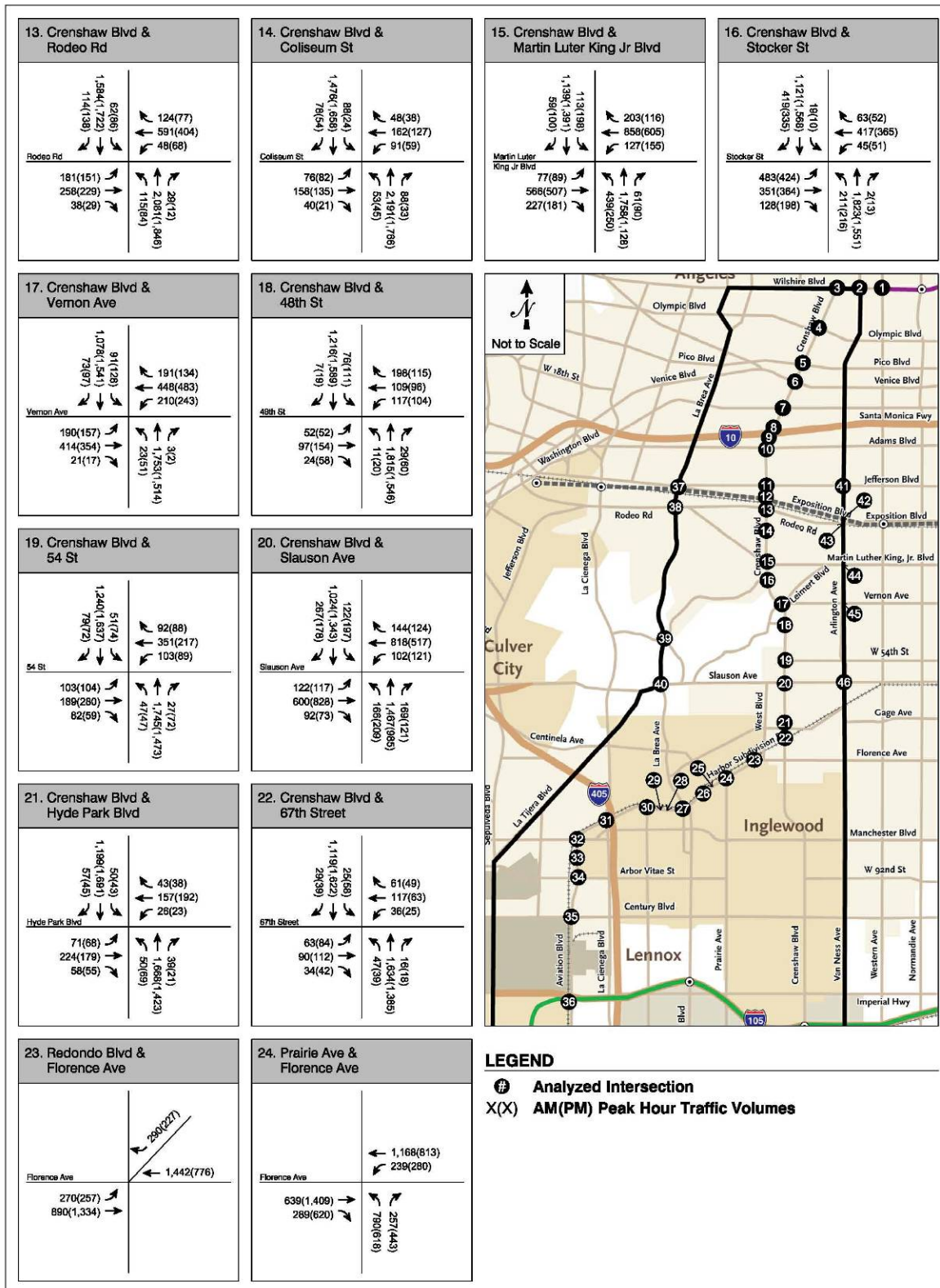


Figure F-1. Existing (2008) Peak Hour Volumes (continued)

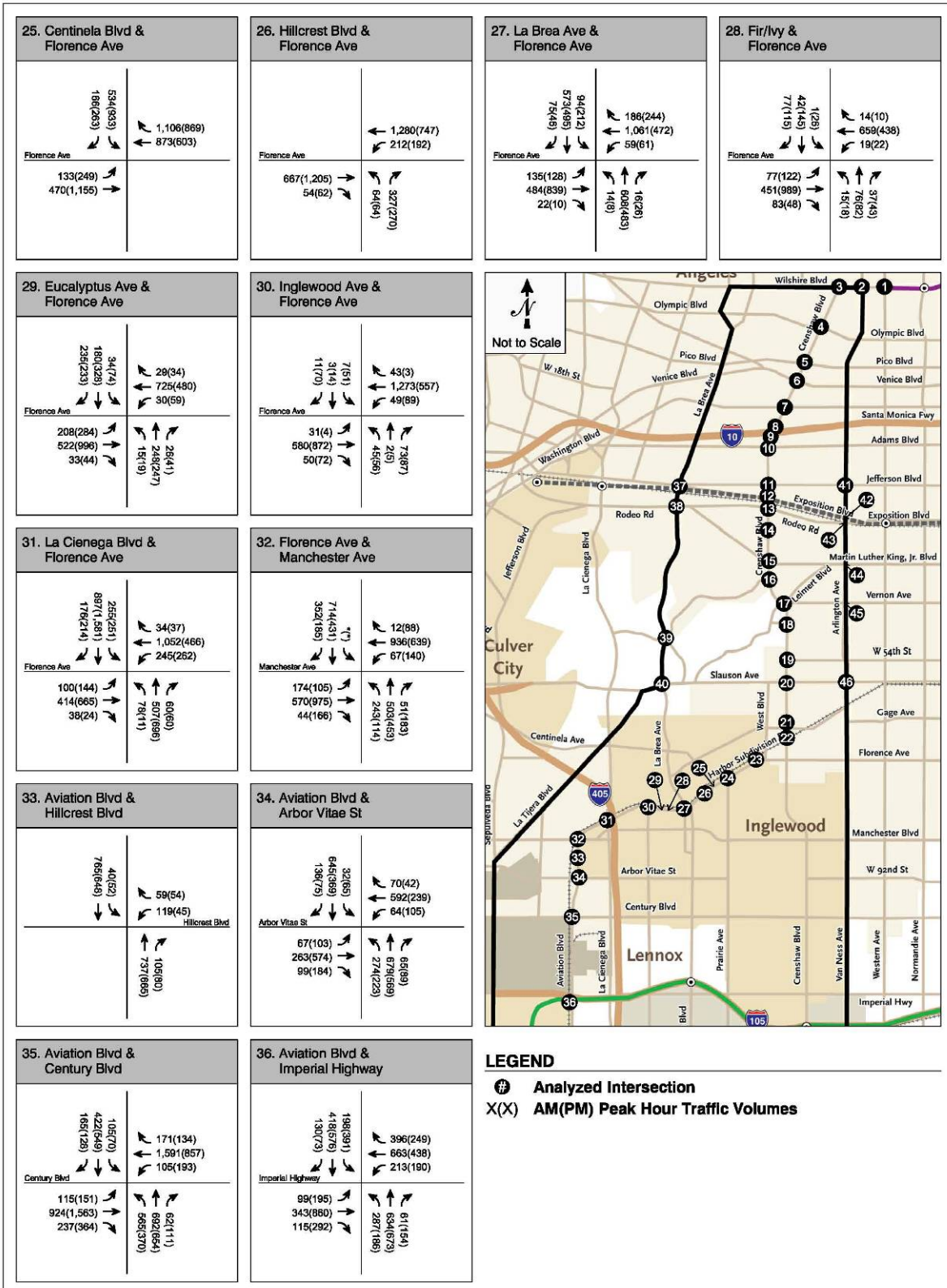


Figure F-1. Existing (2008) Peak Hour Volumes (continued)

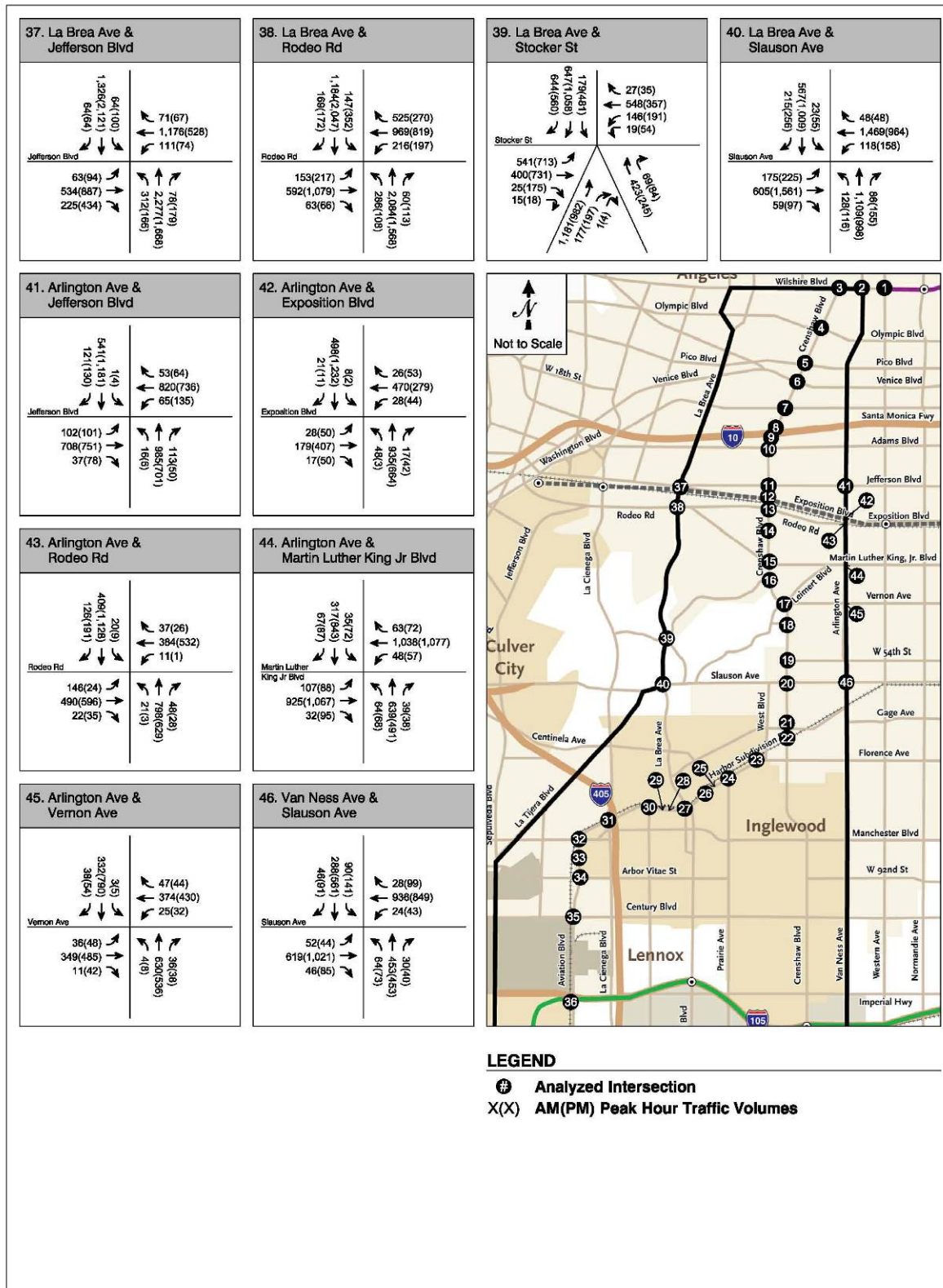




Table F-1. Existing Conditions Level of Service and Volume-to-Capacity Ratios (or Delay)

Int #	N/S Street	E/W Street	AM Peak Hour			PM Peak Hour		
			V/C	Delay (sec)	LOS (based on delay)	V/C	Delay (sec)	LOS (based on delay)
1	Western Ave	Wilshire Blvd	0.783	34	C	0.789	32	C
2	Arlington Ave/ Wilton Pl	Wilshire Blvd	0.923	49	D	0.923	49	D
3	Crenshaw Blvd	Wilshire Blvd	0.970	175	F	0.889	72	E
4	Crenshaw Blvd	Olympic Blvd	0.859	119	F	0.914	76	E
5	Crenshaw Blvd	Pico Blvd	1.000	69	E	0.932	57	E
6	Crenshaw Blvd	Venice Blvd	0.799	20	B	0.761	34	C
7	Crenshaw Blvd	Washington Blvd	1.202	107	F	1.028	82	F
8	Crenshaw Blvd	I-10 WB Ramps	0.753	31	C	0.686	23	C
9	Crenshaw Blvd	I-10 EB Ramps	0.851	69	E	0.823	55	E
10	Crenshaw Blvd	Adams Blvd	1.132	168	F	1.044	130	F
11	Crenshaw Blvd	Jefferson Blvd	0.888	26	C	0.810	24	C
12	Crenshaw Blvd	Exposition Blvd	0.950	40	D	0.806	15	B
13	Crenshaw Blvd	Rodeo Rd	0.828	31	C	0.705	25	C
14	Crenshaw Blvd	Coliseum St	0.758	20	B	0.581	8	A
15	Crenshaw Blvd	MLK, Jr. Blvd	0.784	52	D	0.735	42	D
16	Crenshaw Blvd	Stocker St	0.824	49	D	0.859	53	D
17	Crenshaw Blvd	Vernon Ave	0.285	48	D	0.286	39	D
18	Crenshaw Blvd	48th St	0.627	12	B	0.571	8	A
19	Crenshaw Blvd	54th St	0.792	20	C	0.697	14	B
20	Crenshaw Blvd	Slauson Ave	0.696	117	F	0.937	109	F
21	Crenshaw Blvd	Hyde Park Blvd	0.665	23	C	0.649	24	C
22	Crenshaw Blvd	67th St	0.568	17	B	0.571	19	B
23	Florence Ave	Redondo Blvd	0.661	27	C	0.445	16	B
24	Prairie Ave	Florence Ave	0.645	32	C	0.793	31	C
25	Centinela Blvd	Florence Ave	1.115	31	C	1.186	44	D
26	Hillcrest Blvd	Florence Ave	0.519	20	C	0.479	18	B
27	La Brea Ave	Florence Ave	0.847	66	E	0.693	42	D
28	Fir Ave/Ivy Ave	Florence Ave	0.365	6	A	0.534	10	A
29	Eucalyptus Ave	Florence Ave	0.595	12	B	0.660	24	C
30	Inglewood Ave	Florence Ave	0.514	4	A	0.469	6	A
31	La Cienega Blvd	Florence Ave	0.860	66	E	1.025	77	E
32	Florence Ave	Manchester Ave	0.903	53	D	0.697	29	C
33	Aviation Blvd	Hillcrest Blvd	0.450	9	A	0.370	4	A
34	Aviation Blvd	Arbor Vitae St	0.709	33	C	0.619	15	B

Table F-1. Existing Conditions Level of Service and Volume-to-Capacity Ratios (or Delay)(continued)

Int #	N/S Street	E/W Street	AM Peak Hour			PM Peak Hour		
			V/C	Delay (sec)	LOS (based on delay)	V/C	Delay (sec)	LOS (based on delay)
35	Aviation Blvd	Century Blvd	0.784	50	D	0.839	56	E
36	Aviation Blvd	Imperial Hwy	0.598	47	D	0.757	60	E
37	La Brea Ave	Jefferson Blvd	1.078	70	E	0.991	83	F
38	La Brea Ave	Rodeo Rd	1.091	153	F	1.119	141	F
39	La Brea Ave	Stocker St	0.776	173	F	0.846	270	F
40	La Brea Ave	Slauson Ave	0.801	48	D	0.969	90	F
41	Arlington Ave	Jefferson Blvd	1.103	25	C	1.247	35	C
42	Arlington Ave	Exposition Blvd	1.021	19	B	1.166	34	C
43	Arlington Ave	Rodeo Rd	0.830	20	C	1.325	40	D
44	Arlington Ave	MLK, Jr. Blvd	0.834	12	B	1.027	21	C
45	Arlington Ave	Vernon Ave	0.416	16	B	0.769	16	B
46	Van Ness Ave	Slauson Ave	0.738	17	B	0.820	23	C

Note: The LOS reported is based on average vehicle delays. The V/C ratio is reported only as a reference and for comparison purposes.



Table F-2. No-Build Alternative Intersection Level of Service (2030) Analysis

Int #	N/S Street	E/W Street	Peak Period	V/C	Delay (sec)	LOS (based on delay)
1	Western Ave	Wilshire Blvd	AM	1.022	134	F
			PM	0.958	78	E
2	Arlington Ave/Wilton Pl	Wilshire Blvd	AM	1.159	97	F
			PM	1.115	85	F
3	Crenshaw Blvd	Wilshire Blvd	AM	1.232	242	F
			PM	1.087	117	F
4	Crenshaw Blvd	Olympic Blvd	AM	1.044	169	F
			PM	1.111	130	F
5	Crenshaw Blvd	Pico Blvd	AM	1.302	142	F
			PM	1.128	113	F
6	Crenshaw Blvd	Venice Blvd	AM	0.941	40	D
			PM	0.915	66	E
7	Crenshaw Blvd	Washington Blvd	AM	1.483	194	F
			PM	1.243	159	F
8	Crenshaw Blvd	I-10 WB Ramps	AM	0.932	46	D
			PM	0.823	36	D
9	Crenshaw Blvd	I-10 EB Ramps	AM	1.041	138	F
			PM	0.993	108	F
10	Crenshaw Blvd	Adams Blvd	AM	1.395	304	F
			PM	1.262	214	F
11	Crenshaw Blvd	Jefferson Blvd	AM	1.066	67	E
			PM	0.981	57	E
12	Crenshaw Blvd	Exposition Blvd	AM	1.167	87	F
			PM	0.965	23	C
13	Crenshaw Blvd	Rodeo Rd	AM	0.972	58	E
			PM	0.858	40	D
14	Crenshaw Blvd	Coliseum St	AM	0.891	27	C
			PM	0.703	10	A
15	Crenshaw Blvd	MLK, Jr. Blvd	AM	0.945	104	F
			PM	0.876	63	E
16	Crenshaw Blvd	Stocker St	AM	0.975	68	E
			PM	1.026	84	F
17	Crenshaw Blvd	Vernon Ave	AM	0.955	91	F
			PM	0.932	77	E
18	Crenshaw Blvd	48th St	AM	0.716	19	B
			PM	0.691	20	C

Note: The LOS reported is based on average vehicle delays. The V/C ratio is reported only as a reference and for comparison purposes.

Table F-2. No-Build Alternative Intersection Level of Service (2030) Analysis (continued)

Int #	N/S Street	E/W Street	Peak Period	V/C	Delay (sec)	LOS (based on delay)
19	Crenshaw Blvd	54th St	AM	0.936	31	C
			PM	0.827	22	C
20	Crenshaw Blvd	Slauson Ave	AM	1.089	171	F
			PM	1.129	118	F
21	Crenshaw Blvd	Hyde Park Blvd	AM	0.755	28	C
			PM	0.745	32	C
22	Crenshaw Blvd	67th Street	AM	0.639	19	B
			PM	0.651	25	C
23	Florence Ave	Redondo Blvd	AM	0.787	58	E
			PM	0.545	20	B
24	Prairie Ave	Florence Ave	AM	0.777	61	E
			PM	0.949	50	D
25	Centinela Blvd	Florence Ave	AM	1.119	90	F
			PM	1.188	77	E
26	Hillcrest Blvd	Florence Ave	AM	0.634	27	C
			PM	0.571	20	C
27	La Brea Ave	Florence Ave	AM	0.988	131	F
			PM	0.835	61	E
28	Fir Ave/Ivy Ave	Florence Ave	AM	0.439	7	A
			PM	0.639	12	B
29	Eucalyptus Ave	Florence Ave	AM	0.689	17	B
			PM	0.795	52	D
30	Inglewood Ave	Florence Ave	AM	0.623	5	A
			PM	0.565	7	A
31	La Cienega Blvd	Florence Ave	AM	1.017	119	F
			PM	1.169	115	F
32	Florence Ave	Manchester Ave	AM	1.081	88	F
			PM	0.824	40	D
33	Aviation Blvd	Hillcrest Blvd	AM	0.578	12	B
			PM	0.449	5	A
34	Aviation Blvd	Arbor Vitae St	AM	0.952	104	F
			PM	0.791	25	C
35	Aviation Blvd	Century Blvd	AM	1.065	109	F
			PM	1.053	97	F
36	Aviation Blvd	Imperial Hwy	AM	0.705	58	E
			PM	0.953	99	F

Note: The LOS reported is based on average vehicle delays. The V/C ratio is reported only as a reference and for comparison purposes.



Table F-2. No-Build Alternative Intersection Level of Service (2030) Analysis (continued)

Int #	N/S Street	E/W Street	Peak Period	V/C	Delay (sec)	LOS (based on delay)
37	La Brea Ave	Jefferson Blvd	AM	1.354	169	F
			PM	1.196	157	F
38	La Brea Ave	Rodeo Rd	AM	1.303	247	F
			PM	1.375	238	F
39	La Brea Ave	Stocker St	AM	1.177	229	F
			PM	1.032	366	F
40	La Brea Ave	Slauson Ave	AM	0.992	83	F
			PM	1.164	152	F
41	Arlington Ave	Jefferson Blvd	AM	0.932	47	D
			PM	0.975	78	E
42	Arlington Ave	Exposition Blvd	AM	1.210	33	C
			PM	1.375	56	E
43	Arlington Ave	Rodeo Rd	AM	1.033	23	C
			PM	1.583	70	E
44	Arlington Ave	MLK, Jr. Blvd	AM	0.990	16	B
			PM	1.225	56	E
45	Arlington Ave	Vernon Ave	AM	0.520	17	B
			PM	0.907	17	B
46	Van Ness Ave	Slauson Ave	AM	0.893	27	C
			PM	1.011	57	E

Note: The LOS reported is based on average vehicle delays. The V/C ratio is reported only as a reference and for comparison purposes.

Source: Fehr & Peers

Figure F-2. No-Build (Year 2030) Peak Hour Traffic Volumes

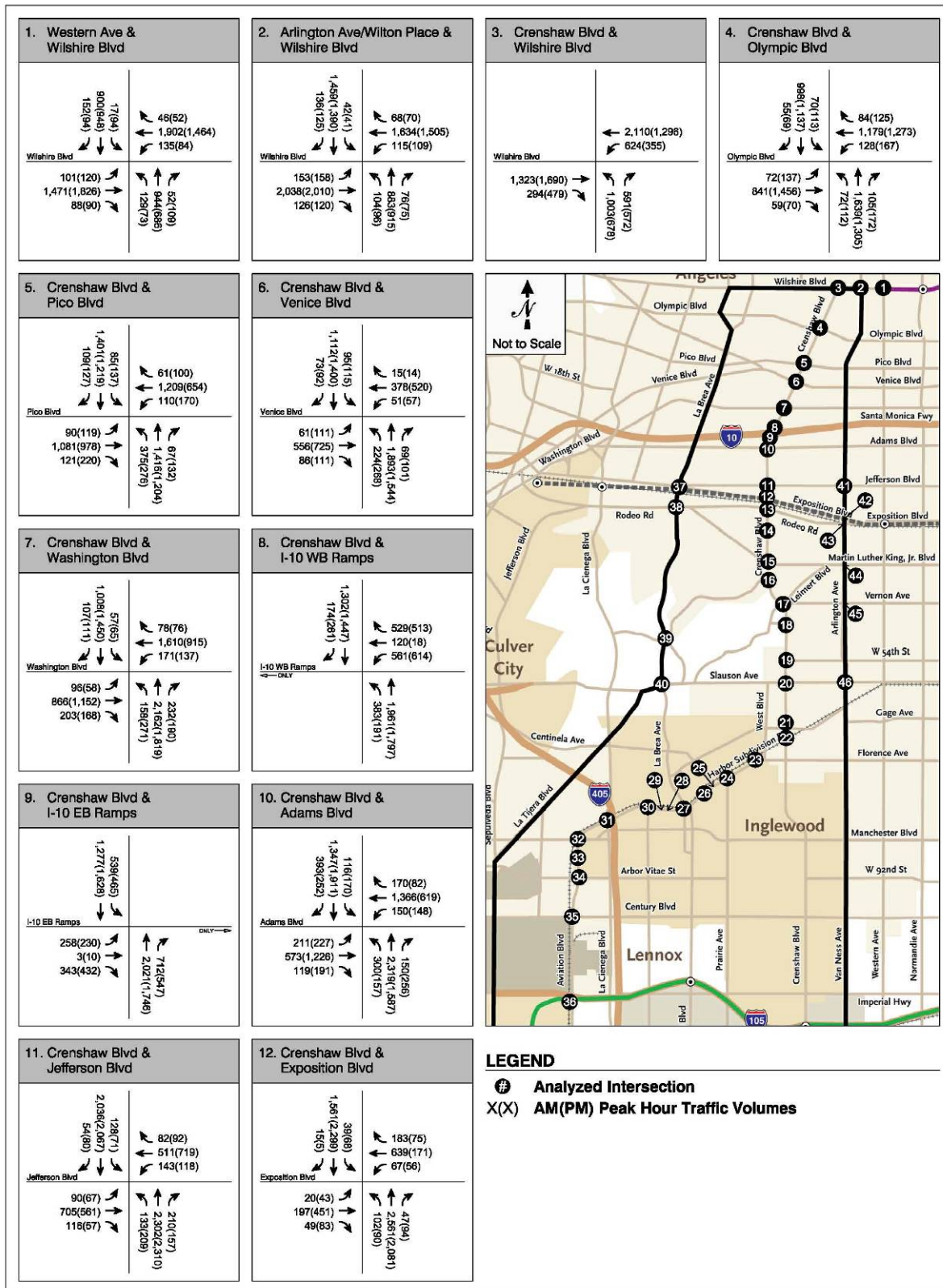




Figure F-2. No-Build (Year 2030) Peak Hour Traffic Volumes (continued)

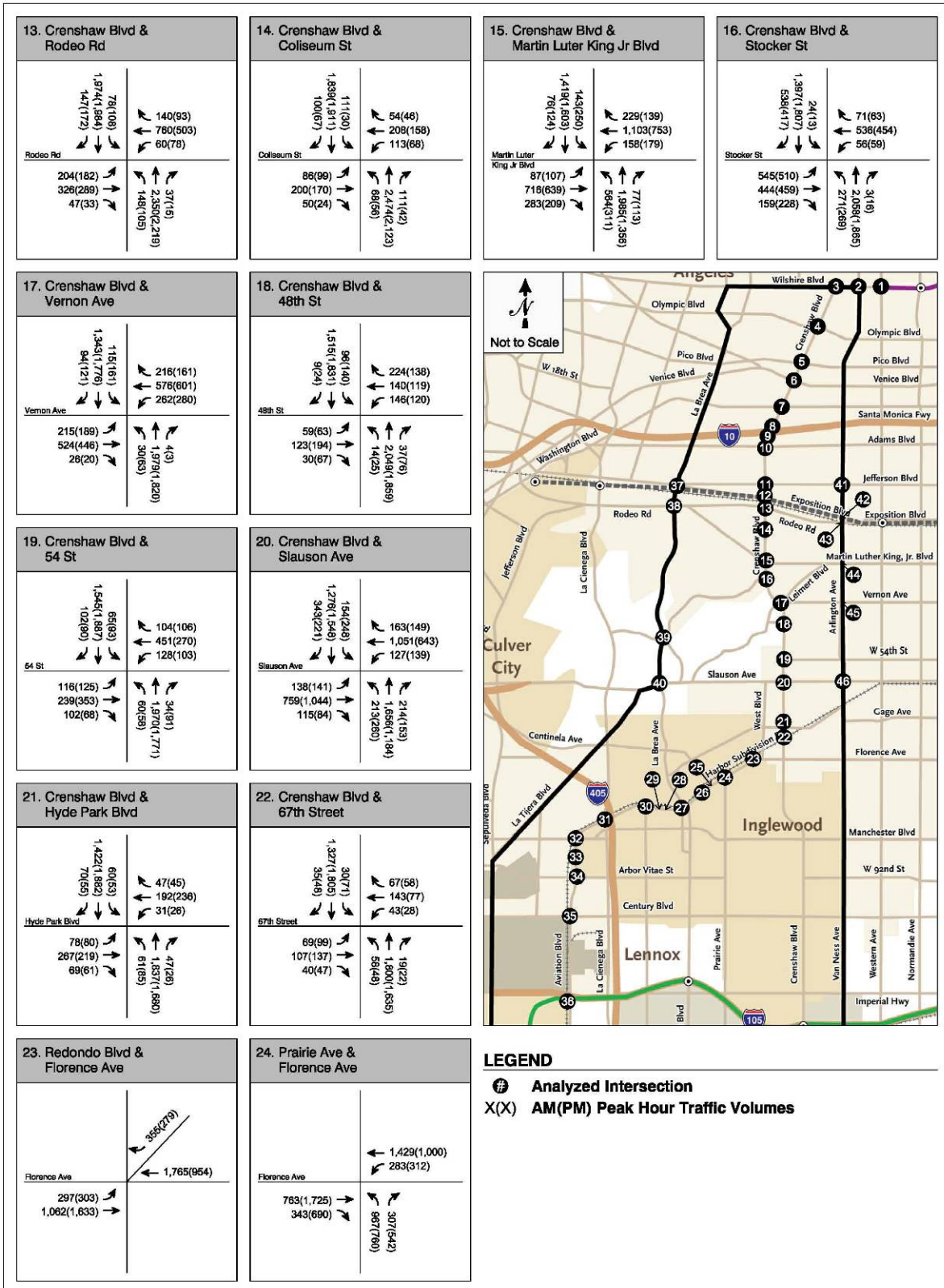


Figure F-2. No-Build (Year 2030) Peak Hour Traffic Volumes (continued)

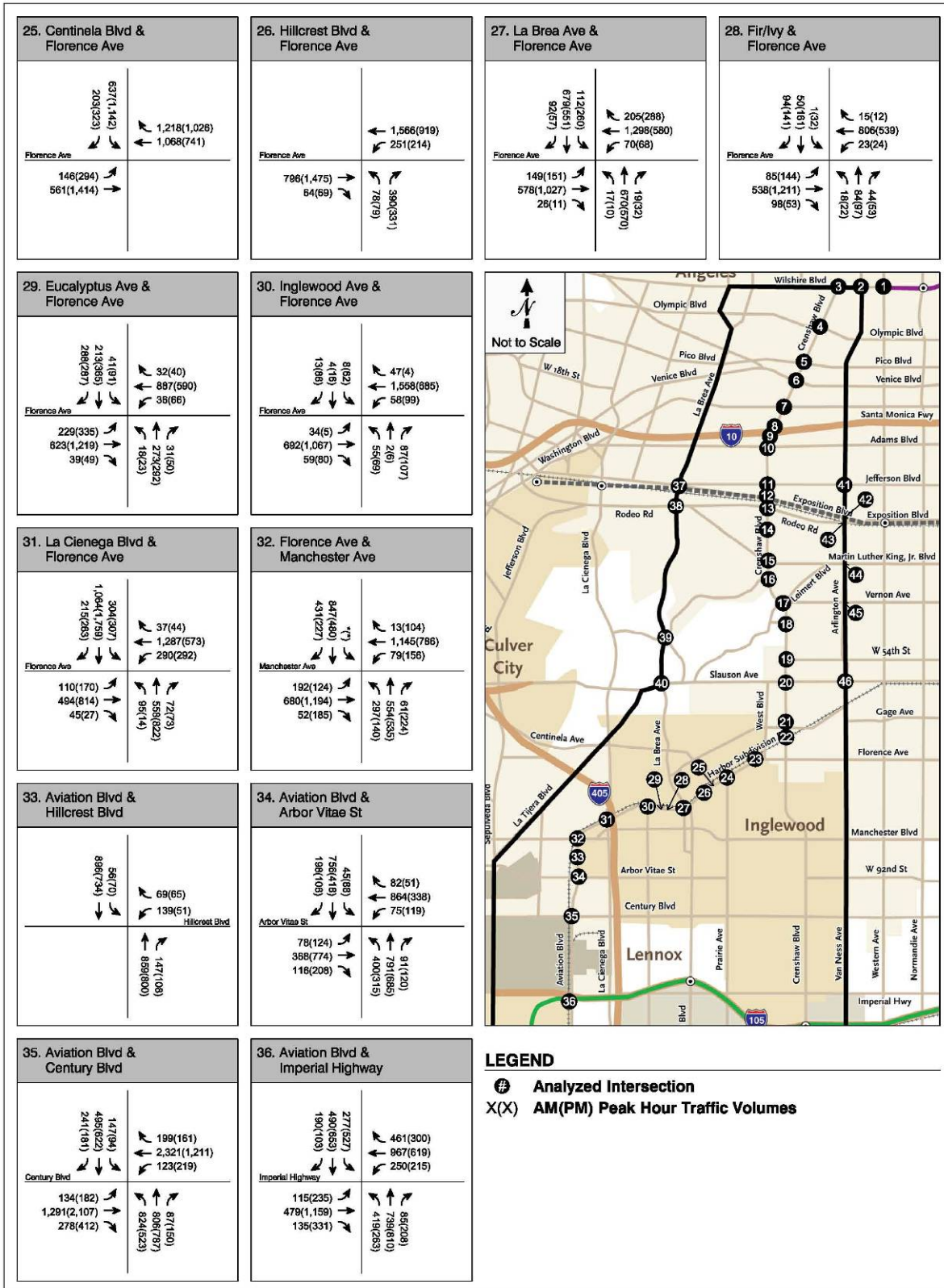


Figure F-2. No-Build (Year 2030) Peak Hour Traffic Volumes (continued)

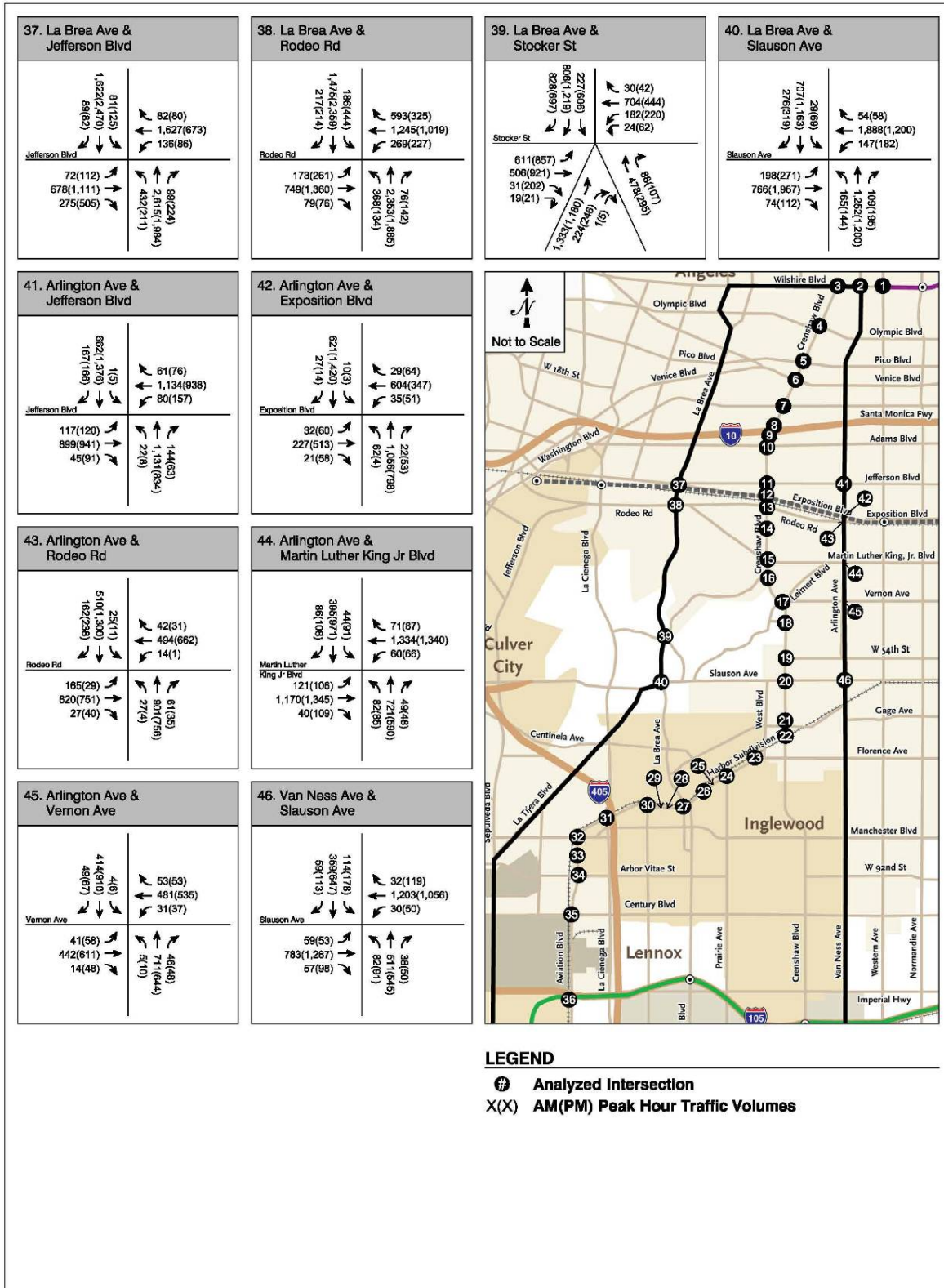


Table F-3. TSM Alternative Intersection Level of Service Analysis

Int #	N/S Street	E/W Street	Peak Period	No-Build			TSM			Delay Change
				V/C	Delay (sec)	LOS	V/C	Delay (sec)	LOS	
1	Western Ave	Wilshire Blvd	AM	1.022	134	F	1.011	131	F	-3
			PM	0.958	78	E	0.959	79	E	1
2	Arlington Ave/Wilton Pl	Wilshire Blvd	AM	1.159	97	F	1.151	95	F	-2
			PM	1.115	85	F	1.115	85	F	0
3	Crenshaw Blvd	Wilshire Blvd	AM	1.232	242	F	1.224	237	F	-5
			PM	1.087	117	F	1.088	116	F	-1
4	Crenshaw Blvd	Olympic Blvd	AM	1.044	169	F	1.033	165	F	-4
			PM	1.111	130	F	1.109	130	F	0
5	Crenshaw Blvd	Pico Blvd	AM	1.302	142	F	1.288	139	F	-3
			PM	1.128	113	F	1.129	113	F	0
6	Crenshaw Blvd	Venice Blvd	AM	0.941	40	D	0.934	38	D	-2
			PM	0.915	66	E	0.914	65	E	-1
7	Crenshaw Blvd	Washington Blvd	AM	1.483	194	F	1.467	188	F	-6
			PM	1.243	159	F	1.244	159	F	0
8	Crenshaw Blvd	I-10 WB Ramps	AM	0.932	46	D	0.922	45	D	-1
			PM	0.823	36	D	0.820	36	D	0
9	Crenshaw Blvd	I-10 EB Ramps	AM	1.041	138	F	1.034	135	F	-3
			PM	0.993	108	F	0.993	107	F	-1
10	Crenshaw Blvd	Adams Blvd	AM	1.395	304	F	1.380	296	F	-8
			PM	1.262	214	F	1.263	213	F	-1
11	Crenshaw Blvd	Jefferson Blvd	AM	1.066	67	E	1.058	63	E	-4
			PM	0.981	57	E	0.978	56	E	-1
12	Crenshaw Blvd	Exposition Blvd	AM	1.167	87	F	1.154	84	F	-3
			PM	0.965	23	C	0.966	23	C	0
13	Crenshaw Blvd	Rodeo Rd	AM	0.972	58	E	0.964	53	D	-5
			PM	0.858	40	D	0.855	36	D	-4
14	Crenshaw Blvd	Coliseum St	AM	0.891	27	C	0.883	27	C	0
			PM	0.703	10	A	0.701	10	A	0
15	Crenshaw Blvd	MLK, Jr. Blvd	AM	0.945	104	F	0.942	100	F	-4
			PM	0.876	63	E	0.873	60	E	-3
16	Crenshaw Blvd	Stocker St	AM	0.975	68	E	0.971	67	E	-1
			PM	1.026	84	F	1.023	82	F	-2

Note: The LOS reported is based on average vehicle delays. The V/C ratio is reported only as a reference and for comparison purposes.



Table F-3. TSM Alternative Intersection Level of Service Analysis (continued)

Int #	N/S Street	E/W Street	Peak Period	No-Build			TSM			Delay Change
				V/C	Delay (sec)	LOS	V/C	Delay (sec)	LOS	
17	Crenshaw Blvd	Vernon Ave	AM	0.955	91	F	0.946	87	F	-4
			PM	0.932	77	E	0.929	75	F	-2
18	Crenshaw Blvd	48th St	AM	0.716	19	B	0.707	19	B	0
			PM	0.691	20	C	0.689	20	C	0
19	Crenshaw Blvd	54th St	AM	0.936	31	C	0.929	30	C	-1
			PM	0.827	22	C	0.825	22	C	0
20	Crenshaw Blvd	Slauson Ave	AM	1.089	171	F	1.157	157	F	-14
			PM	1.129	118	F	1.127	117	F	-1
21	Crenshaw Blvd	Hyde Park Blvd	AM	0.755	28	C	0.741	28	C	0
			PM	0.745	32	C	0.744	30	C	-2
22	Crenshaw Blvd	67th St	AM	0.639	19	B	0.638	19	B	0
			PM	0.651	25	C	0.650	25	C	0
23	Florence Ave	Redondo Blvd	AM	0.787	58	E	0.789	59	E	1
			PM	0.545	20	B	0.543	20	B	0
24	Prairie Ave	Florence Ave	AM	0.777	61	E	0.776	62	E	1
			PM	0.949	50	D	0.948	50	D	0
25	Centinela Blvd	Florence Ave	AM	1.119	90	F	1.116	88	F	-2
			PM	1.188	77	E	1.187	77	E	0
26	Hillcrest Blvd	Florence Ave	AM	0.634	27	C	0.635	27	C	0
			PM	0.571	20	C	0.569	20	C	0
27	La Brea Ave	Florence Ave	AM	0.988	131	F	0.987	132	F	1
			PM	0.835	61	E	0.833	61	E	0
28	Fir Ave/Ivy Ave	Florence Ave	AM	0.439	7	A	0.440	7	A	0
			PM	0.639	12	B	0.638	12	B	0
29	Eucalyptus Ave	Florence Ave	AM	0.689	17	B	0.689	17	B	0
			PM	0.795	52	D	0.793	52	D	0
30	Inglewood Ave	Florence Ave	AM	0.623	5	A	0.624	5	A	0
			PM	0.565	7	A	0.564	7	A	0
31	La Cienega Blvd	Florence Ave	AM	1.017	119	F	1.020	120	F	1
			PM	1.169	115	F	1.166	114	F	-1
32	Florence Ave	Manchester Ave	AM	1.081	88	F	1.082	88	F	0
			PM	0.824	40	D	0.823	40	D	0
33	Aviation Blvd	Hillcrest Blvd	AM	0.578	12	B	0.578	12	B	0
			PM	0.449	5	A	0.450	5	A	0

Note: The LOS reported is based on average vehicle delays. The V/C ratio is reported only as a reference and for comparison purposes.

Source: Fehr & Peers

Table F-3. TSM Alternative Intersection Level of Service Analysis (continued)

Int #	N/S Street	E/W Street	Peak Period	No-Build			TSM			Delay Change
				V/C	Delay (sec)	LOS	V/C	Delay (sec)	LOS	
34	Aviation Blvd	Arbor Vitae St	AM	0.952	104	F	0.949	104	F	0
			PM	0.791	25	C	0.792	24	C	-1
35	Aviation Blvd	Century Blvd	AM	1.065	109	F	1.063	108	F	-1
			PM	1.053	97	F	1.053	97	F	0
36	Aviation Blvd	Imperial Hwy	AM	0.705	58	E	0.707	58	E	0
			PM	0.953	99	F	0.953	100	F	1
37	La Brea Ave	Jefferson Blvd	AM	1.354	169	F	1.340	163	F	-6
			PM	1.196	157	F	1.196	157	F	0
38	La Brea Ave	Rodeo Rd	AM	1.303	247	F	1.294	244	F	-3
			PM	1.375	238	F	1.372	237	F	-1
39	La Brea Ave	Stocker St	AM	1.177	229	F	0.981	225	F	-4
			PM	1.032	366	F	1.031	363	F	-3
40	La Brea Ave	Slauson Ave	AM	0.992	83	F	0.989	82	F	-1
			PM	1.164	152	F	1.161	151	F	-1
41	Arlington Ave	Jefferson Blvd	AM	0.932	47	D	0.922	45	D	-2
			PM	0.975	78	E	0.975	77	E	-1
42	Arlington Ave	Exposition Blvd	AM	1.210	33	C	1.201	32	C	-1
			PM	1.375	56	E	1.371	55	E	-1
43	Arlington Ave	Rodeo Rd	AM	1.033	23	C	1.027	23	C	0
			PM	1.583	70	E	1.579	70	E	0
44	Arlington Ave	MLK, Jr. Blvd	AM	0.990	16	B	0.983	16	B	0
			PM	1.225	56	E	1.221	56	E	0
45	Arlington Ave	Vernon Ave	AM	0.520	17	B	0.517	17	B	0
			PM	0.907	17	B	0.905	17	B	0
46	Van Ness Ave	Slauson Ave	AM	0.893	27	C	0.889	27	C	0
			PM	1.011	57	E	1.008	57	E	0

Note: The LOS reported is based on average vehicle delays. The V/C ratio is reported only as a reference and for comparison purposes.

Source: Fehr & Peers

Figure F-3. TSM Alternative Peak Hour Traffic Volumes

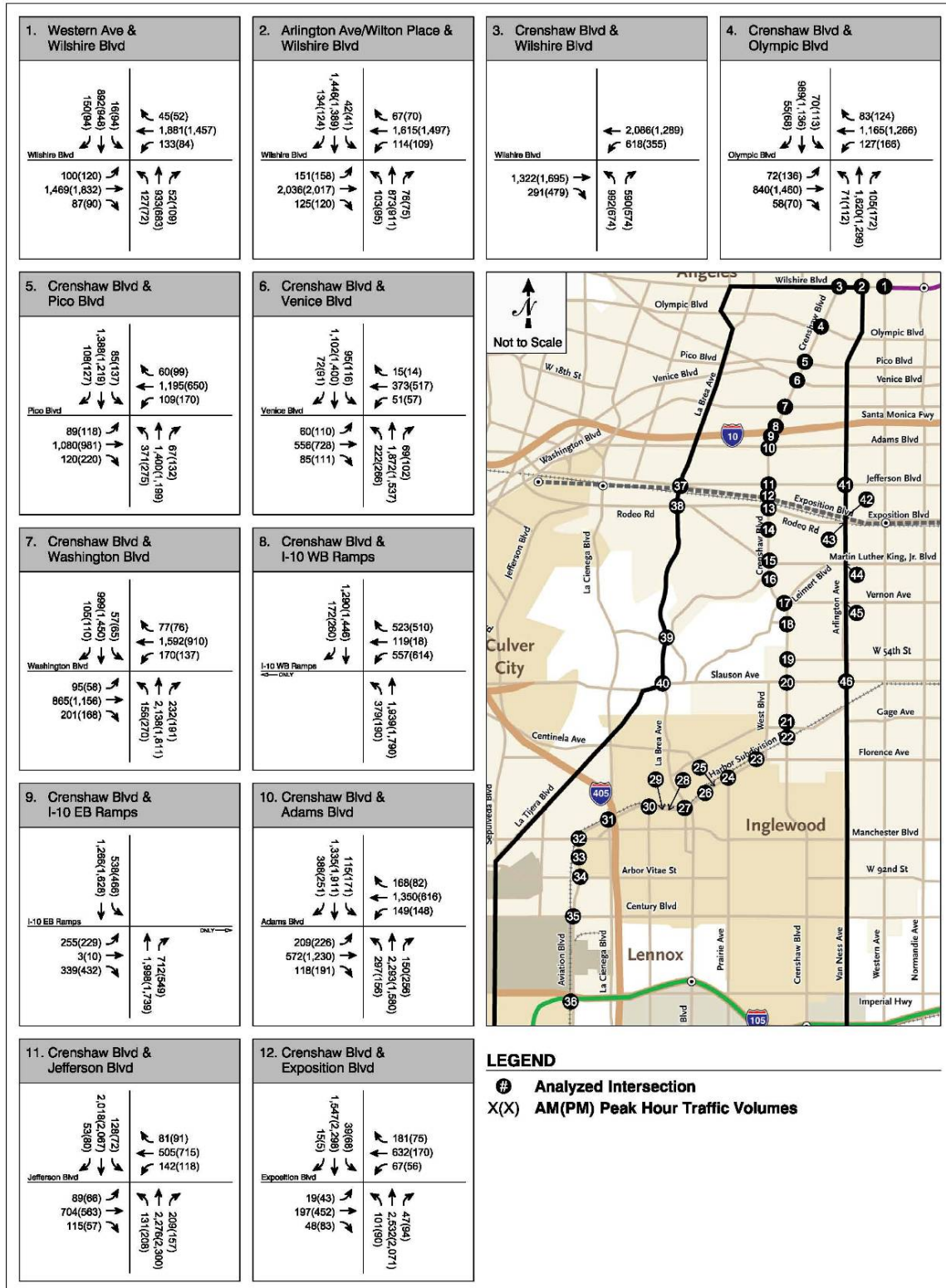


Figure F-3. TSM Alternative Peak Hour Traffic Volumes (continued)

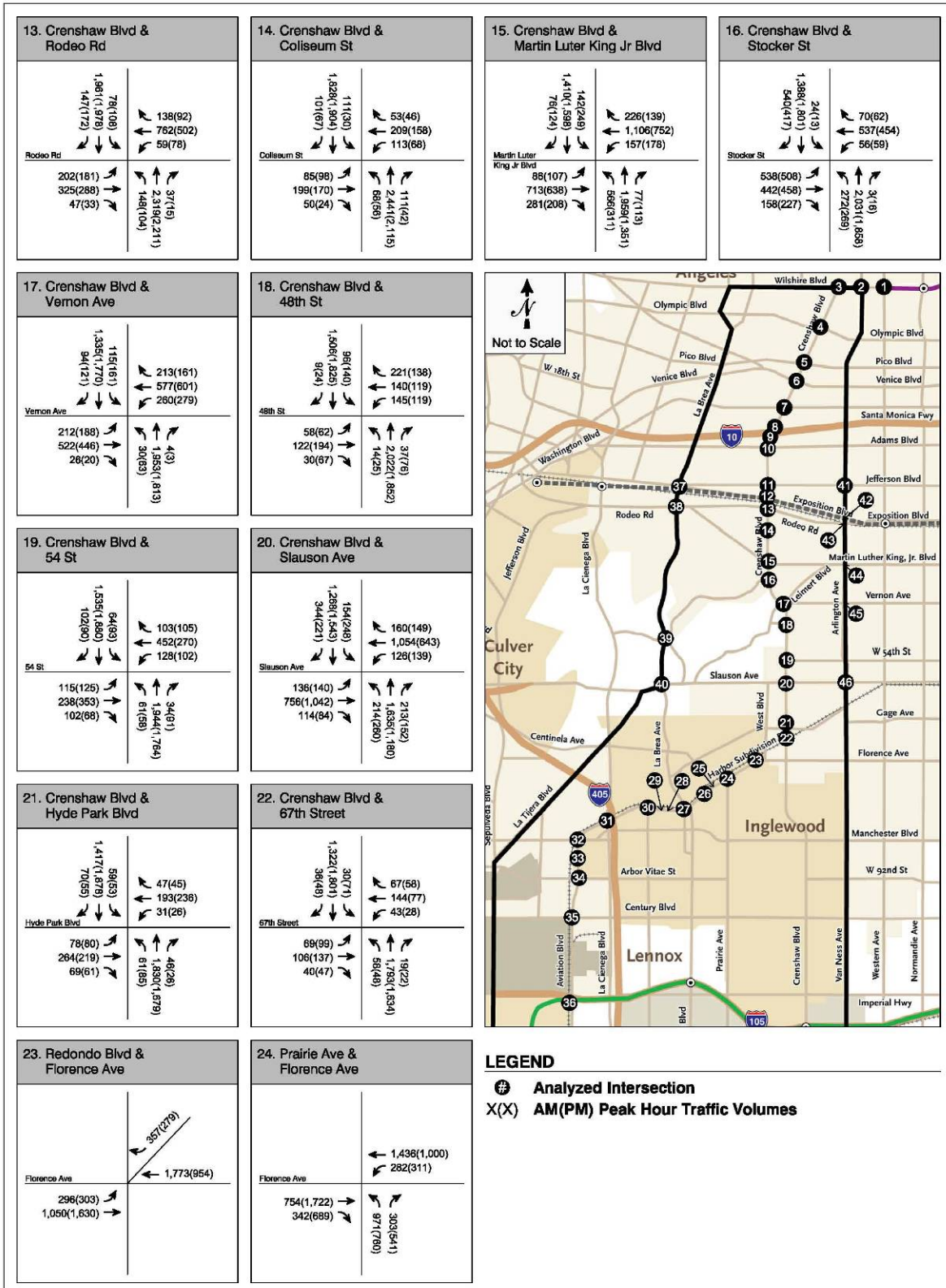


Figure F-3. TSM Alternative Peak Hour Traffic Volumes (continued)

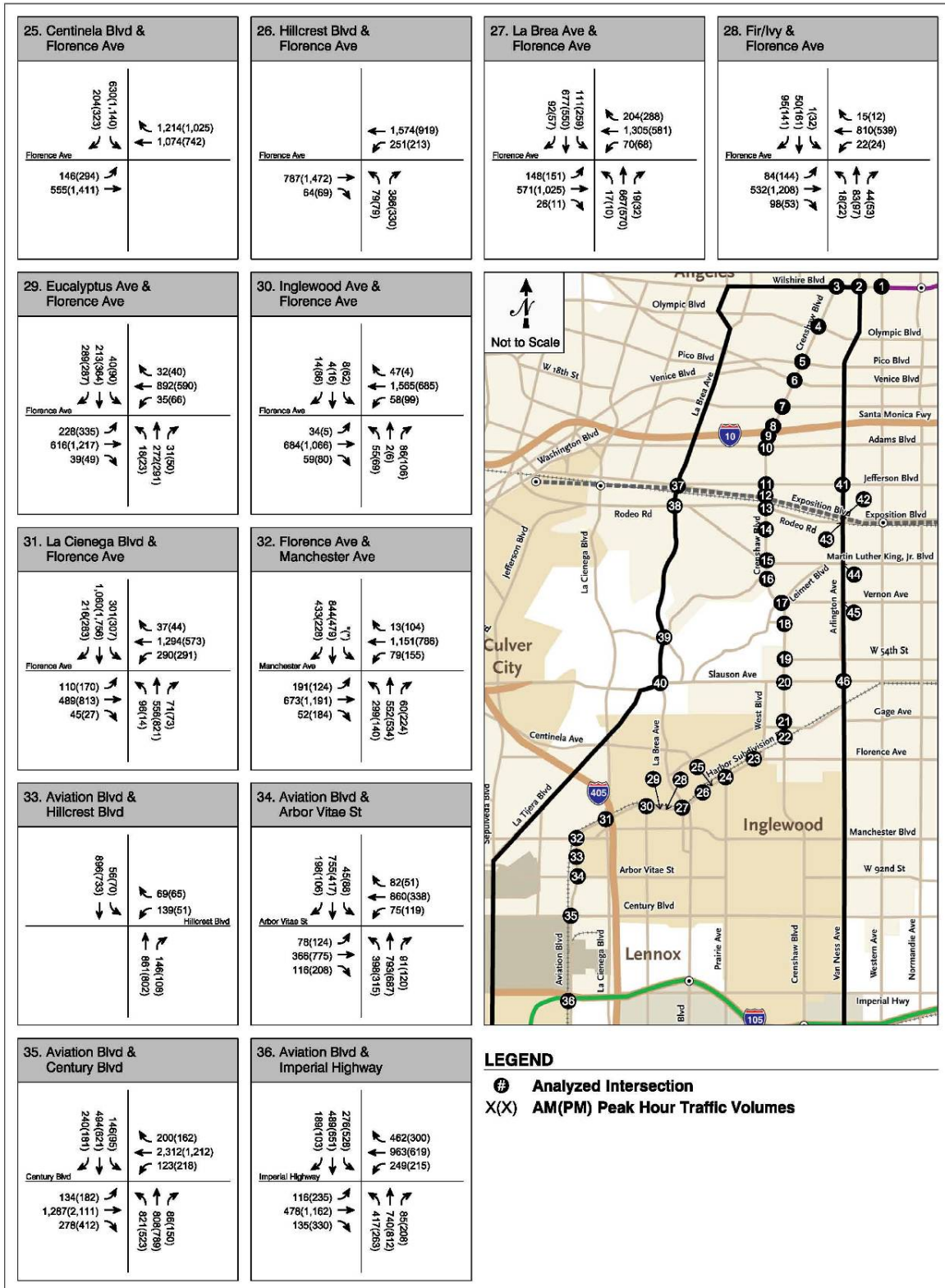


Figure F-3. TSM Alternative Peak Hour Traffic Volumes (continued)

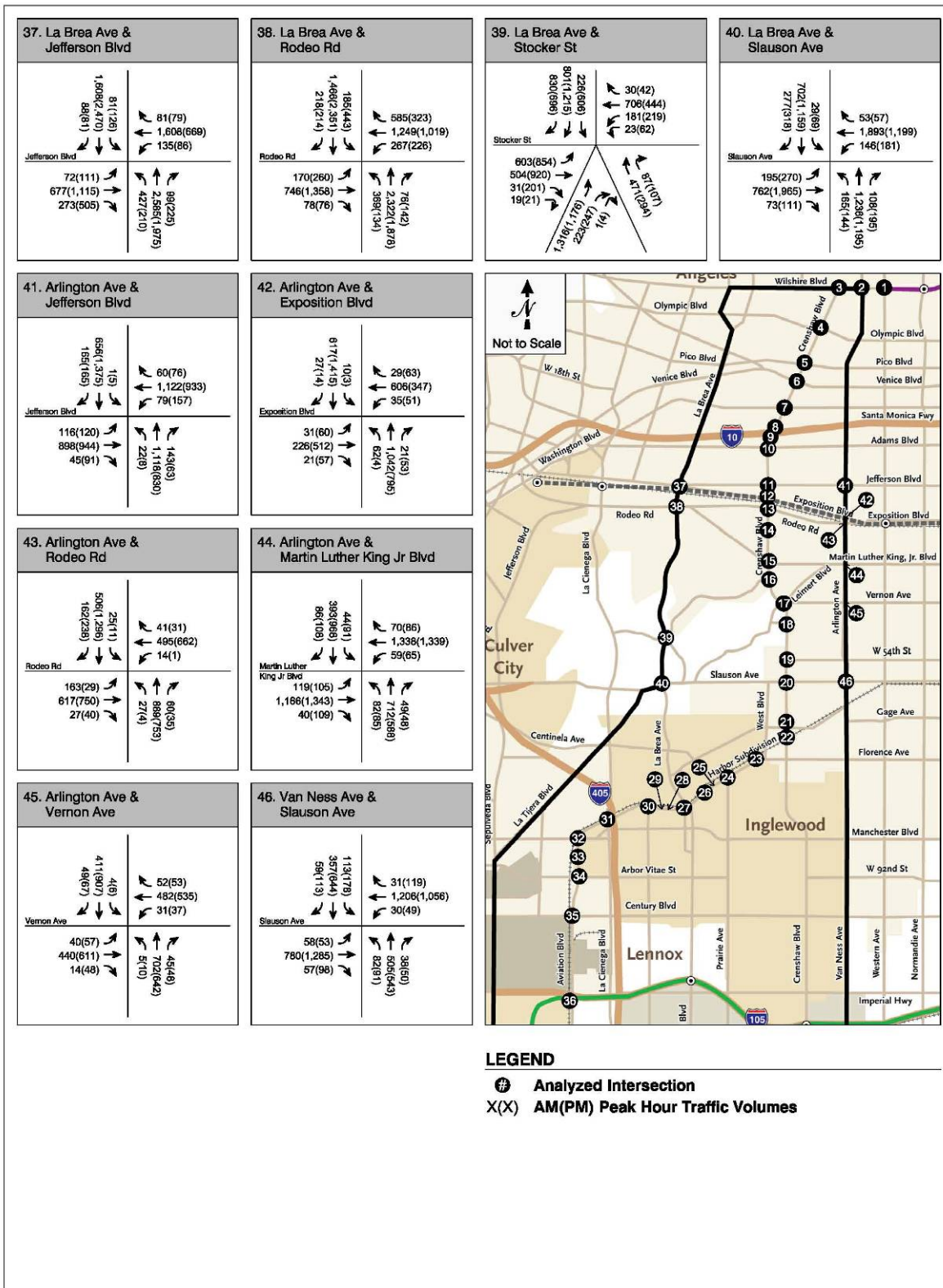




Table F-4. BRT Alternative Intersection Levels of Service Analysis

Int #	N/S Street	E/W Street	Peak Period	No-Build Alternative			BRT Alternative			Delay Change
				V/C	Delay (sec)	LOS	V/C	Delay (sec)	LOS	
1	Western Ave	Wilshire Blvd	AM	1.022	134	F	0.987	130	F	-4
			PM	0.958	78	E	0.948	74	E	-4
2	Arlington Ave/Wilton Pl	Wilshire Blvd	AM	1.159	97	F	1.142	92	F	-5
			PM	1.115	85	F	1.102	82	F	-3
3	Crenshaw Blvd	Wilshire Blvd	AM	1.232	242	F	1.210	231	F	-11
			PM	1.087	117	F	1.074	112	F	-5
4	Crenshaw Blvd	Olympic Blvd	AM	1.044	169	F	1.018	165	F	-4
			PM	1.111	130	F	1.105	127	F	-3
5	Crenshaw Blvd	Pico Blvd	AM	1.302	142	F	1.258	131	F	-11
			PM	1.128	113	F	1.112	108	F	-5
6	Crenshaw Blvd	Venice Blvd	AM	0.941	40	D	0.927	36	D	-4
			PM	0.915	66	E	0.899	62	E	-4
7	Crenshaw Blvd	Washington Blvd	AM	1.483	194	F	1.441	180	F	-14
			PM	1.243	159	F	1.226	154	F	-5
8	Crenshaw Blvd	I-10 WB Ramps	AM	0.932	46	D	0.907	43	D	-3
			PM	0.823	36	D	0.809	35	D	-1
9	Crenshaw Blvd	I-10 EB Ramps	AM	1.041	138	F	1.029	133	F	-5
			PM	0.993	108	F	0.987	107	F	-1
10	Crenshaw Blvd	Adams Blvd	AM	1.395	304	F	1.356	285	F	-19
			PM	1.262	214	F	1.247	208	F	-6
11	Crenshaw Blvd	Jefferson Blvd	AM	1.066	67	E	1.056	62	E	-5
			PM	0.981	57	E	0.958	51	D	-6
12	Crenshaw Blvd	Exposition Blvd	AM	1.167	87	F	1.133	79	E	-8
			PM	0.965	23	C	0.955	23	C	0
13	Crenshaw Blvd	Rodeo Rd	AM	0.972	58	E	0.938	142	F	84
			PM	0.858	40	D	0.837	132	F	92
14	Crenshaw Blvd	Coliseum St	AM	0.891	27	C	1.091	60	E	33
			PM	0.703	10	A	0.903	18	B	8
15	Crenshaw Blvd	MLK, Jr. Blvd	AM	0.945	104	F	1.112	183	F	79
			PM	0.876	63	E	1.047	137	F	74
16	Crenshaw Blvd	Stocker St	AM	0.975	68	E	1.159	183	F	115
			PM	1.026	84	F	1.220	183	F	99
17	Crenshaw Blvd	Vernon Ave	AM	0.955	91	F	1.151	148	F	57
			PM	0.932	77	E	1.122	171	F	94
18	Crenshaw Blvd	48th St	AM	0.716	19	B	0.895	22	C	3
			PM	0.691	20	C	0.855	24	C	4

Table F-4. BRT Alternative Intersection Levels of Service Analysis (continued)

Int #	N/S Street	E/W Street	Peak Period	No-Build Alternative			BRT Alternative			Delay Change
				V/C	Delay (sec)	LOS	V/C	Delay (sec)	LOS	
19	Crenshaw Blvd	54th St	AM	0.936	31	C	1.111	77	E	46
			PM	0.827	22	C	0.995	45	D	23
20	Crenshaw Blvd	Slauson Ave	AM	1.089	171	F	1.137	176	F	5
			PM	1.129	118	F	1.239	142	F	24
21	Crenshaw Blvd	Hyde Park Blvd	AM	0.755	28	C	0.912	28	C	0
			PM	0.745	32	C	0.923	31	C	-1
22	Crenshaw Blvd	67th St	AM	0.639	19	B	0.675	19	C	0
			PM	0.651	25	C	0.817	24	D	-1
23	Florence Ave	Redondo Blvd	AM	0.787	58	E	0.781	57	E	-1
			PM	0.545	20	B	0.543	19	B	-1
24	Prairie Ave	Florence Ave	AM	0.777	61	E	0.767	57	E	-4
			PM	0.949	50	D	0.942	48	D	-2
25	Centinela Blvd	Florence Ave	AM	1.119	90	F	1.070	73	E	-17
			PM	1.188	77	E	1.146	69	E	-8
26	Hillcrest Blvd	Florence Ave	AM	0.634	27	C	0.640	24	C	-3
			PM	0.571	20	C	0.565	19	B	-1
27	La Brea Ave	Florence Ave	AM	0.988	131	F	0.975	127	F	-4
			PM	0.835	61	E	0.828	61	E	0
28	Fir Ave/Ivy Ave	Florence Ave	AM	0.439	7	A	0.435	7	A	0
			PM	0.639	12	B	0.633	11	B	-1
29	Eucalyptus Ave	Florence Ave	AM	0.689	17	B	0.672	16	B	-1
			PM	0.795	52	D	0.780	49	D	-3
30	Inglewood Ave	Florence Ave	AM	0.623	5	A	0.621	5	A	0
			PM	0.565	7	A	0.560	7	A	0
31	La Cienega Blvd	Florence Ave	AM	1.017	119	F	1.002	114	F	-5
			PM	1.169	115	F	1.142	106	F	-9
32	Florence Ave	Manchester Ave	AM	1.081	88	F	1.073	87	F	-1
			PM	0.824	40	D	0.817	39	D	-1
33	Aviation Blvd	Hillcrest Blvd	AM	0.578	12	B	0.583	12	B	0
			PM	0.449	5	A	0.451	5	A	0
34	Aviation Blvd	Arbor Vitae St	AM	0.952	104	F	0.958	107	F	3
			PM	0.791	25	C	0.795	25	C	0
35	Aviation Blvd	Century Blvd	AM	1.065	109	F	1.071	111	F	2
			PM	1.053	97	F	1.055	97	F	0
36	Aviation Blvd	Imperial Hwy	AM	0.705	58	E	0.708	58	E	0
			PM	0.953	99	F	0.953	98	F	-1
37	La Brea Ave	Jefferson Blvd	AM	1.354	169	F	1.304	152	F	-17
			PM	1.196	157	F	1.180	151	F	-6
38	La Brea Ave	Rodeo Rd	AM	1.303	247	F	1.268	231	F	-16
			PM	1.375	238	F	1.355	227	F	-11

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Table F-4. BRT Alternative Intersection Levels of Service Analysis (continued)

Int #	N/S Street	E/W Street	Peak Period	No-Build Alternative			BRT Alternative			Delay Change
				V/C	Delay (sec)	LOS	V/C	Delay (sec)	LOS	
39	La Brea Ave	Stocker St	AM	1.177	229	F	0.977	210	F	-19
			PM	1.032	366	F	1.017	345	F	-21
40	La Brea Ave	Slauson Ave	AM	0.992	83	F	0.979	79	E	-4
			PM	1.164	152	F	1.143	143	F	-9
41	Arlington Ave	Jefferson Blvd	AM	0.932	47	D	0.905	43	D	-4
			PM	0.975	78	E	0.964	72	E	-6
42	Arlington Ave	Exposition Blvd	AM	1.210	33	C	1.187	29	C	-4
			PM	1.375	56	E	1.354	49	D	-7
43	Arlington Ave	Rodeo Rd	AM	1.033	23	C	1.009	22	C	-1
			PM	1.583	70	E	1.559	63	E	-7
44	Arlington Ave	MLK, Jr. Blvd	AM	0.990	16	B	0.965	15	B	-1
			PM	1.225	56	E	1.200	50	D	-6
45	Arlington Ave	Vernon Ave	AM	0.520	17	B	0.503	17	B	0
			PM	0.907	17	B	0.884	17	B	0
46	Van Ness Ave	Slauson Ave	AM	0.893	27	C	0.874	26	C	-1
			PM	1.011	57	E	0.995	53	D	-4

Source: Fehr & Peers

Figure F-4. BRT Alternative Peak Hour Traffic Volumes

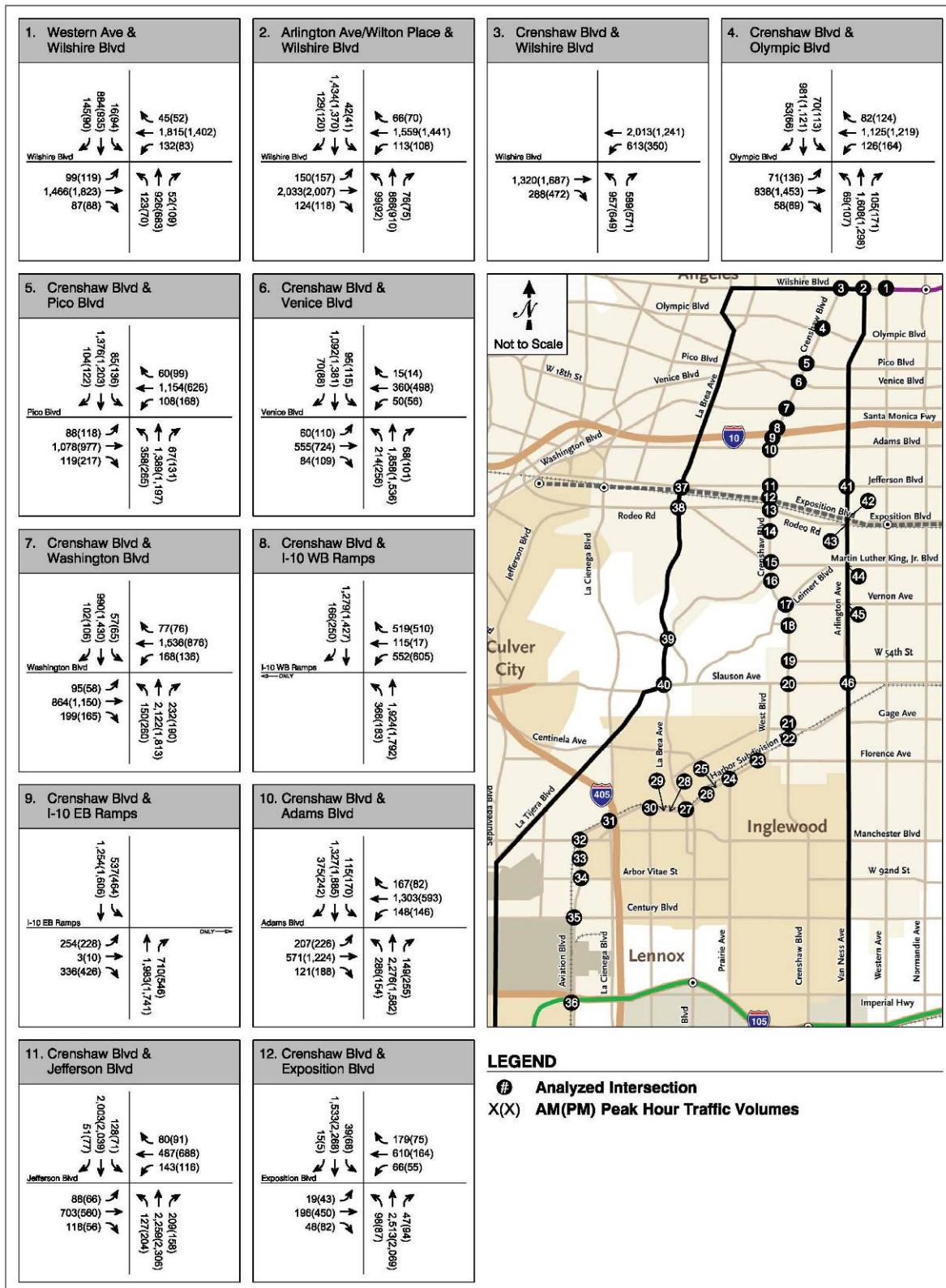


Figure F-4. BRT Alternative Peak Hour Traffic Volumes (continued)

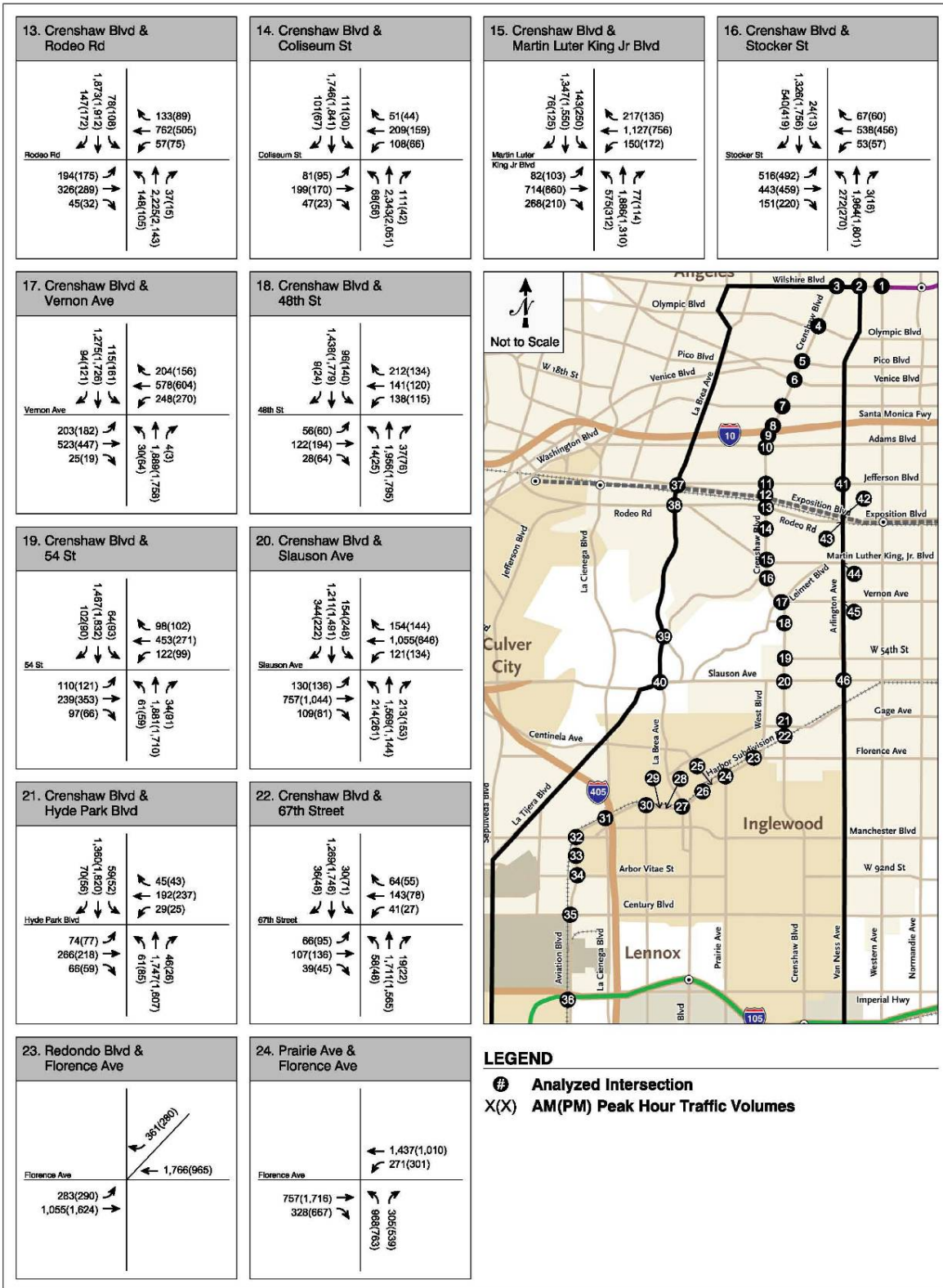


Figure F-4. BRT Alternative Peak Hour Traffic Volumes (continued)

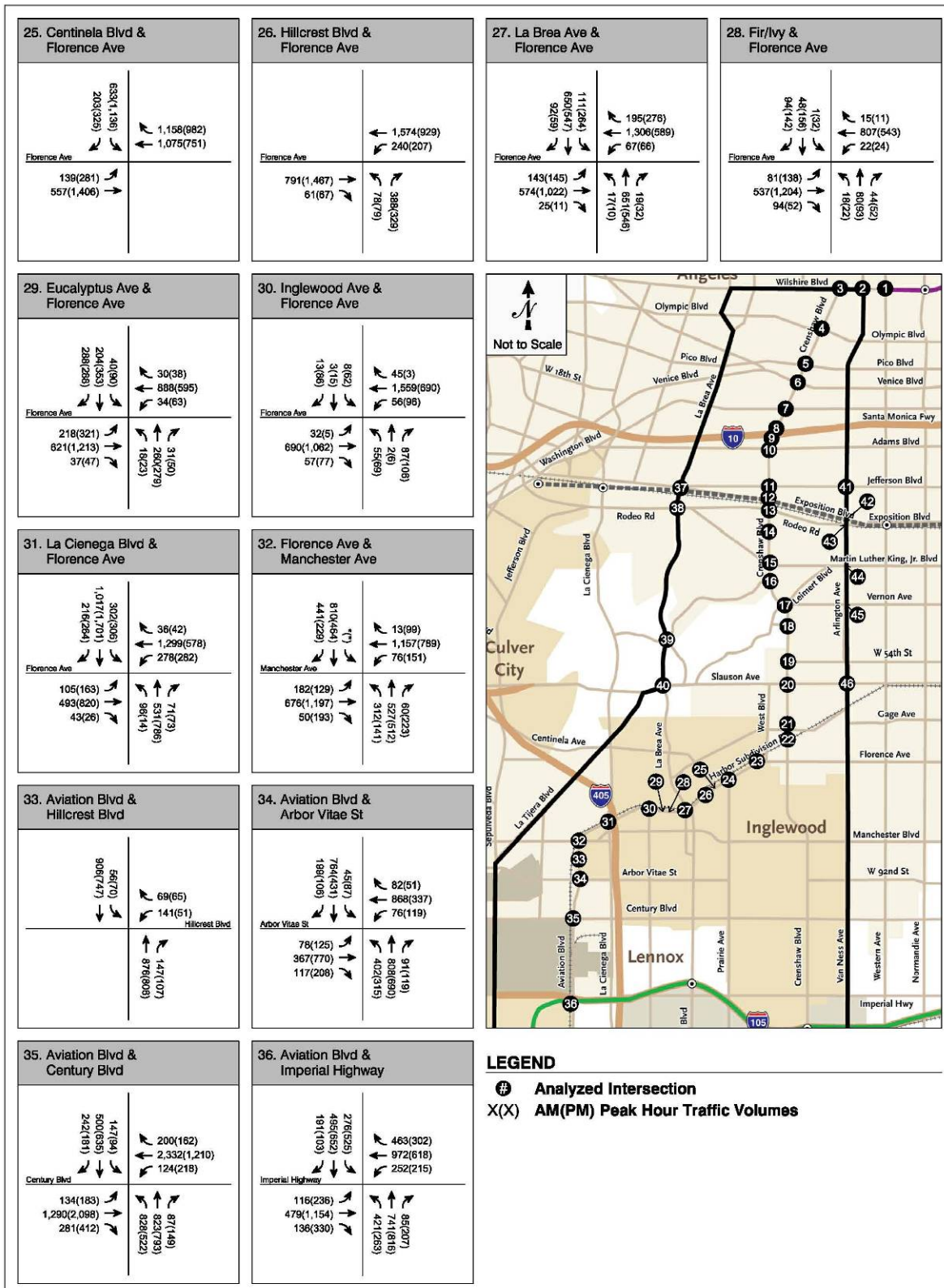


Figure F-4. BRT Alternative Peak Hour Traffic Volumes (continued)

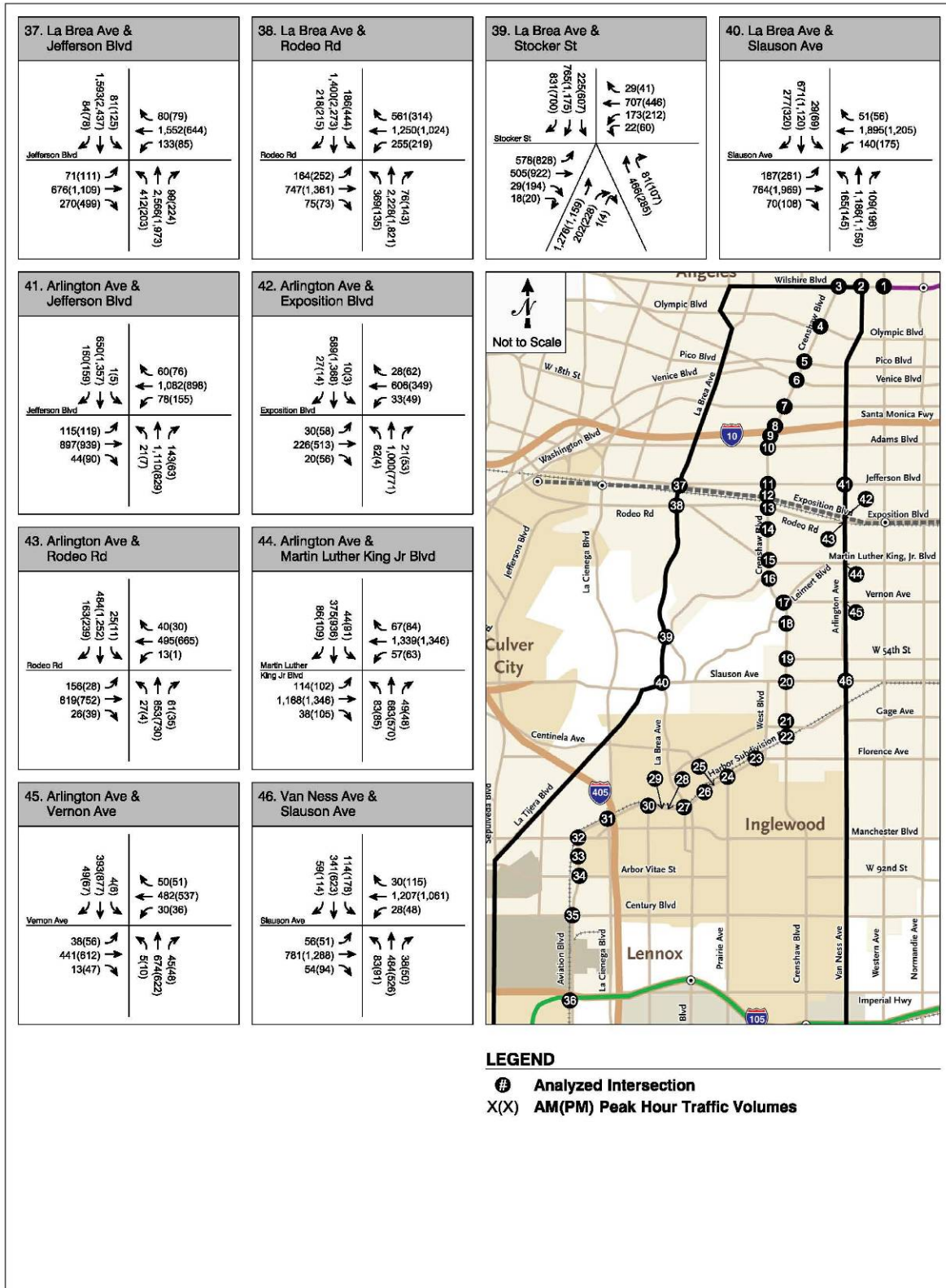


Table F-5. LRT Alternative Intersection Level of Service Analysis

Int #	N/S Street	E/W Street	Peak Period	No-Build Alternative			LRT Alternative			Delay Change
				V/C	Delay (sec)	LOS	V/C	Delay (sec)	LOS	
1	Western Ave	Wilshire Blvd	AM	1.022	134	F	0.990	130	F	-4
			PM	0.958	78	E	0.956	77	E	-1
2	Arlington Ave/Wilton Pl	Wilshire Blvd	AM	1.159	97	F	1.143	93	F	-4
			PM	1.115	85	F	1.113	84	F	-1
3	Crenshaw Blvd	Wilshire Blvd	AM	1.232	242	F	1.210	233	F	-9
			PM	1.087	117	F	1.084	116	F	-1
4	Crenshaw Blvd	Olympic Blvd	AM	1.044	169	F	1.025	168	F	-1
			PM	1.111	130	F	1.111	129	F	-1
5	Crenshaw Blvd	Pico Blvd	AM	1.302	142	F	1.262	132	F	-10
			PM	1.128	113	F	1.120	110	F	-3
6	Crenshaw Blvd	Venice Blvd	AM	0.941	40	D	0.935	38	D	-2
			PM	0.915	66	E	0.907	63	E	-3
7	Crenshaw Blvd	Washington Blvd	AM	1.483	194	F	1.452	183	F	-11
			PM	1.243	159	F	1.237	159	F	0
8	Crenshaw Blvd	I-10 WB Ramps	AM	0.932	46	D	0.917	44	D	-2
			PM	0.823	36	D	0.811	35	D	-1
9	Crenshaw Blvd	I-10 EB Ramps	AM	1.041	138	F	1.032	135	F	-3
			PM	0.993	108	F	0.997	110	F	2
10	Crenshaw Blvd	Adams Blvd	AM	1.395	304	F	1.366	291	F	-13
			PM	1.262	214	F	1.271	214	F	0
11	Crenshaw Blvd	Jefferson Blvd	AM	1.066	67	E	1.074	67	E	0
			PM	0.981	57	E	0.975	57	E	0
12	Crenshaw Blvd	Exposition Blvd	AM	1.167	87	F	1.203	129	F	42
			PM	0.965	23	C	1.014	65	E	42
13	Crenshaw Blvd	Rodeo Rd	AM	0.972	58	E	1.020	113	F	55
			PM	0.858	40	D	0.901	42	D	2
14	Crenshaw Blvd	Coliseum St	AM	0.891	27	C	0.933	31	C	4
			PM	0.703	10	A	0.738	18	B	8
15	Crenshaw Blvd	MLK, Jr. Blvd.	AM	0.945	104	F	0.949	107	F	3
			PM	0.876	63	E	0.891	66	E	3
16	Crenshaw Blvd	Stocker St	AM	0.975	68	E	0.973	69	E	1
			PM	1.026	84	F	1.031	85	F	1
17	Crenshaw Blvd	Vernon Ave	AM	0.955	91	F	0.957	93	F	2
			PM	0.932	77	E	0.929	77	E	0

Table F-5. LRT Alternative Intersection Level of Service Analysis (continued)

Int #	N/S Street	E/W Street	Peak Period	No-Build Alternative			LRT Alternative			Delay Change
18	Crenshaw Blvd	48th St	AM	0.716	19	B	0.723	22	C	3
			PM	0.691	20	C	0.724	23	C	3
19	Crenshaw Blvd	54th St	AM	0.936	31	C	0.991	63	E	32
			PM	0.827	22	C	0.875	36	D	14
20	Crenshaw Blvd	Slauson Ave	AM	1.089	171	F	1.089	110	F	-61
			PM	1.129	118	F	1.126	115	F	-3
21	Crenshaw Blvd	Hyde Park Blvd	AM	0.755	28	C	0.751	21	C	-7
			PM	0.745	32	C	0.759	24	C	-8
22	Crenshaw Blvd	67th St	AM	0.639	19	B	0.637	19	B	0
			PM	0.651	25	C	0.640	22	C	-3
23	Florence Ave	Redondo Blvd	AM	0.787	58	E	0.791	55	E	-3
			PM	0.545	20	B	0.545	22	C	2
24	Prairie Ave	Florence Ave	AM	0.777	61	E	0.777	51	D	-10
			PM	0.949	50	D	0.952	51	D	1
25	Centinela Blvd	Florence Ave	AM	1.119	90	F	1.115	103	F	13
			PM	1.188	77	E	1.186	127	F	50
26	Hillcrest Blvd	Florence Ave	AM	0.634	27	C	0.638	26	C	-1
			PM	0.571	20	C	0.574	20	C	0
27	La Brea Ave	Florence Ave	AM	0.988	131	F	1.007	135	F	4
			PM	0.835	61	E	0.850	62	E	1
28	Fir Ave/Ivy Ave	Florence Ave	AM	0.439	7	A	0.438	7	A	0
			PM	0.639	12	B	0.640	12	B	0
29	Eucalyptus Ave	Florence Ave	AM	0.689	17	B	0.687	17	B	0
			PM	0.795	52	D	0.795	52	D	0
30	Inglewood Ave	Florence Ave	AM	0.623	5	A	0.621	5	A	0
			PM	0.565	7	A	0.565	7	A	0
31	La Cienega Blvd	Florence Ave	AM	1.017	119	F	1.023	123	F	4
			PM	1.169	115	F	1.177	117	F	2
32	Florence Ave	Manchester Ave	AM	1.081	88	F	1.111	106	F	18
			PM	0.824	40	D	0.833	52	D	12
33	Aviation Blvd	Hillcrest Blvd	AM	0.578	12	B	0.575	9	A	-3
			PM	0.449	5	A	0.448	5	A	0
34	Aviation Blvd	Arbor Vitae St	AM	0.952	104	F	0.949	103	F	-1
			PM	0.791	25	C	0.803	26	C	1
35	Aviation Blvd	Century Blvd	AM	1.065	109	F	1.063	109	F	0
			PM	1.053	97	F	1.064	98	F	1

Table F-5. LRT Alternative Intersection Level of Service Analysis (continued)

Int #	N/S Street	E/W Street	Peak Period	No-Build Alternative			LRT Alternative			Delay Change
36	Aviation Blvd	Imperial Hwy	AM	0.705	58	E	0.704	57	E	-1
			PM	0.953	99	F	0.951	99	F	0
37	La Brea Ave	Jefferson Blvd	AM	1.354	169	F	1.311	154	F	-15
			PM	1.196	157	F	1.190	156	F	-1
38	La Brea Ave	Rodeo Rd	AM	1.303	247	F	1.300	246	F	-1
			PM	1.375	238	F	1.372	236	F	-2
39	La Brea Ave	Stocker St	AM	1.177	229	F	0.983	228	F	-1
			PM	1.032	366	F	1.033	364	F	-2
40	La Brea Ave	Slauson Ave	AM	0.992	83	F	1.007	85	F	2
			PM	1.164	152	F	1.159	154	F	2
41	Arlington Ave	Jefferson Blvd	AM	0.932	47	D	0.891	45	D	-2
			PM	0.975	78	E	1.006	76	E	-2
42	Arlington Ave	Exposition Blvd	AM	1.210	33	C	1.207	33	C	0
			PM	1.375	56	E	1.367	55	D	-1
43	Arlington Ave	Rodeo Rd	AM	1.033	23	C	1.027	25	C	2
			PM	1.583	70	E	1.576	70	E	0
44	Arlington Ave	MLK, Jr. Blvd.	AM	0.990	16	B	0.999	16	B	0
			PM	1.225	56	E	1.221	55	D	-1
45	Arlington Ave	Vernon Ave	AM	0.520	17	B	0.518	17	B	0
			PM	0.907	17	B	0.903	17	B	0
46	Van Ness Ave	Slauson Ave	AM	0.893	27	C	0.891	27	C	0
			PM	1.011	57	E	1.006	56	E	-1

Source: Fehr & Peers

Figure F-5. LRT Alternative Peak Hour Traffic Volumes

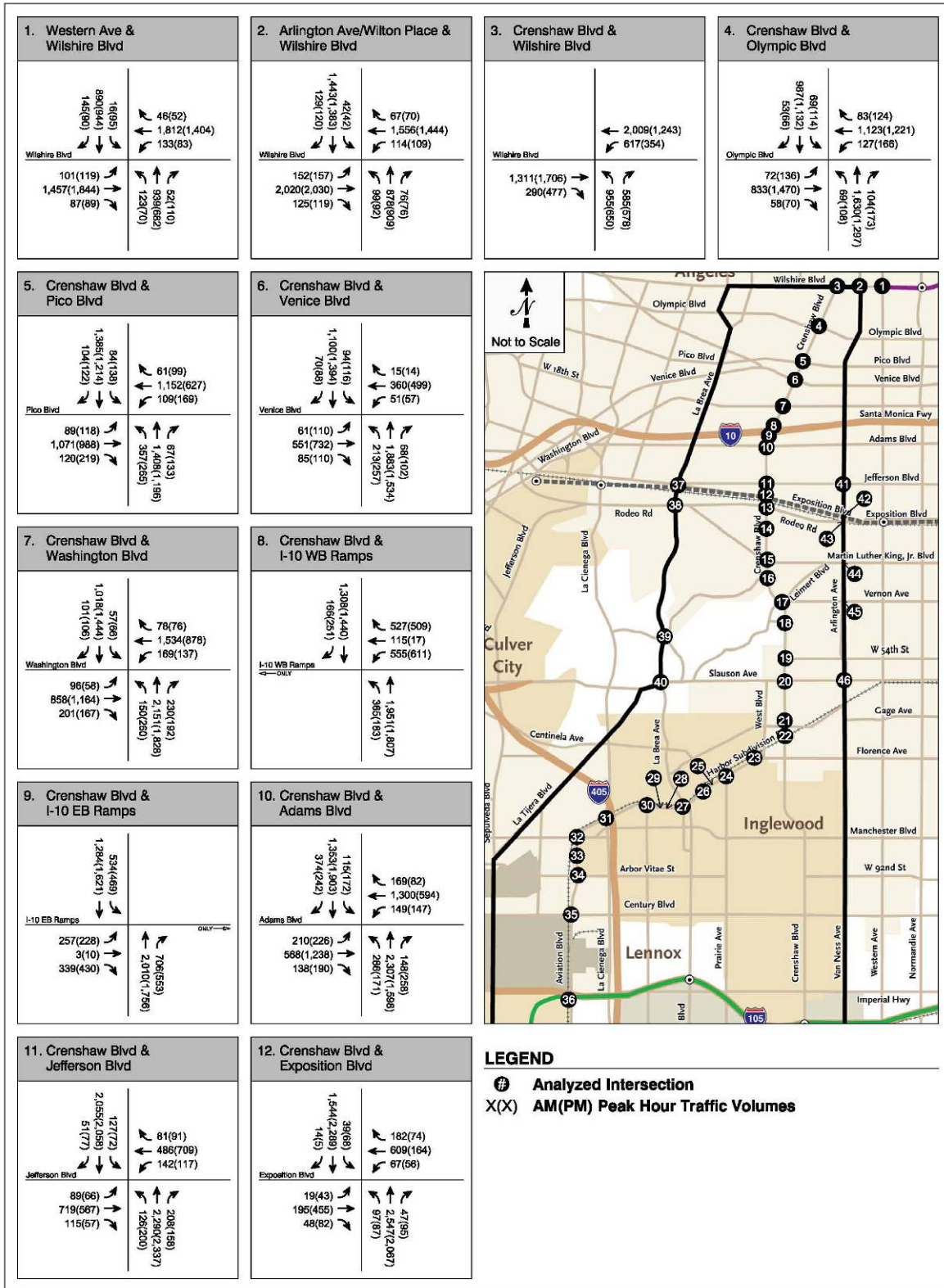


Figure F-5. LRT Alternative Peak Hour Traffic Volumes (continued)

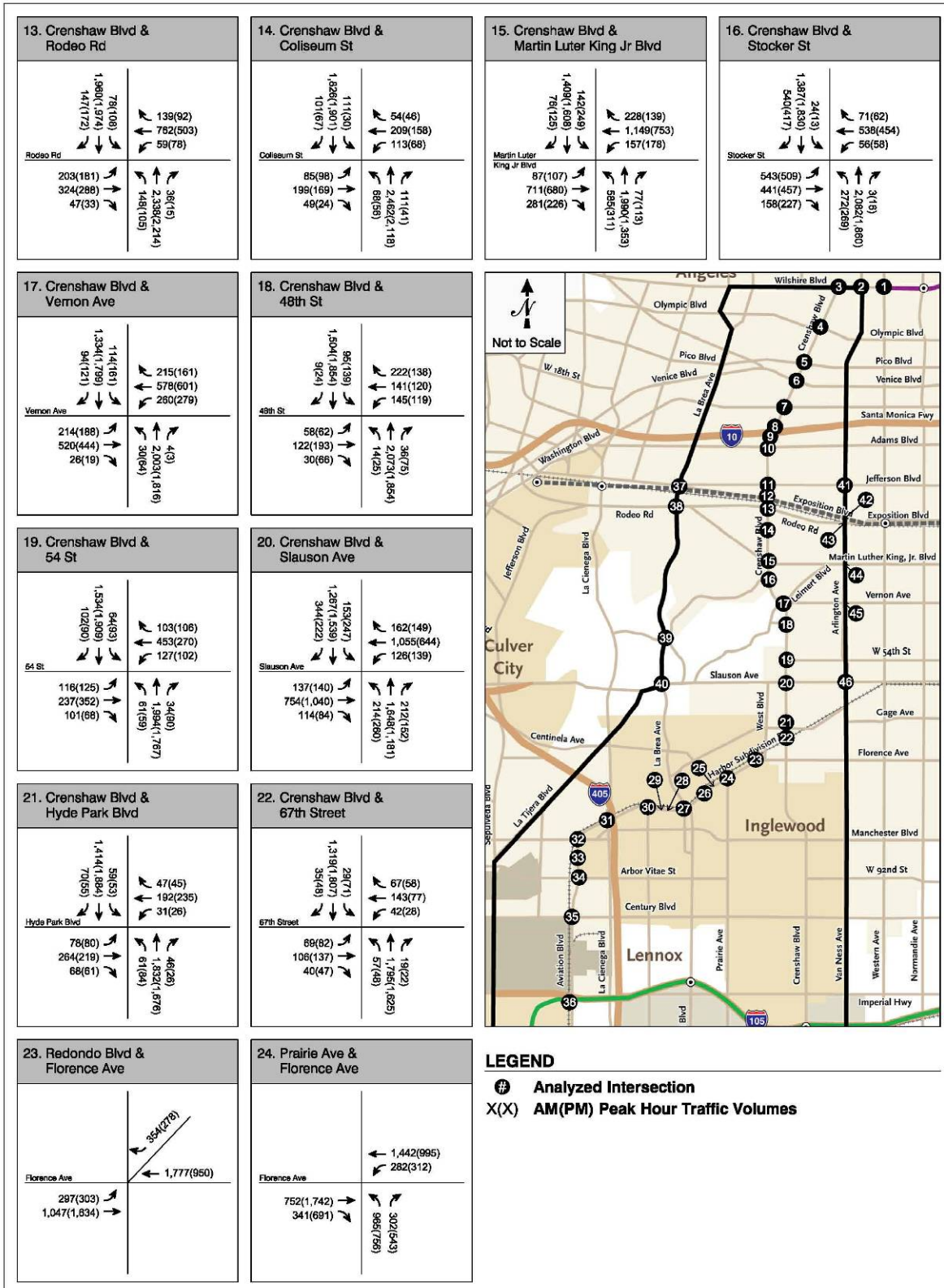


Figure F-5. LRT Alternative Peak Hour Traffic Volumes (continued)

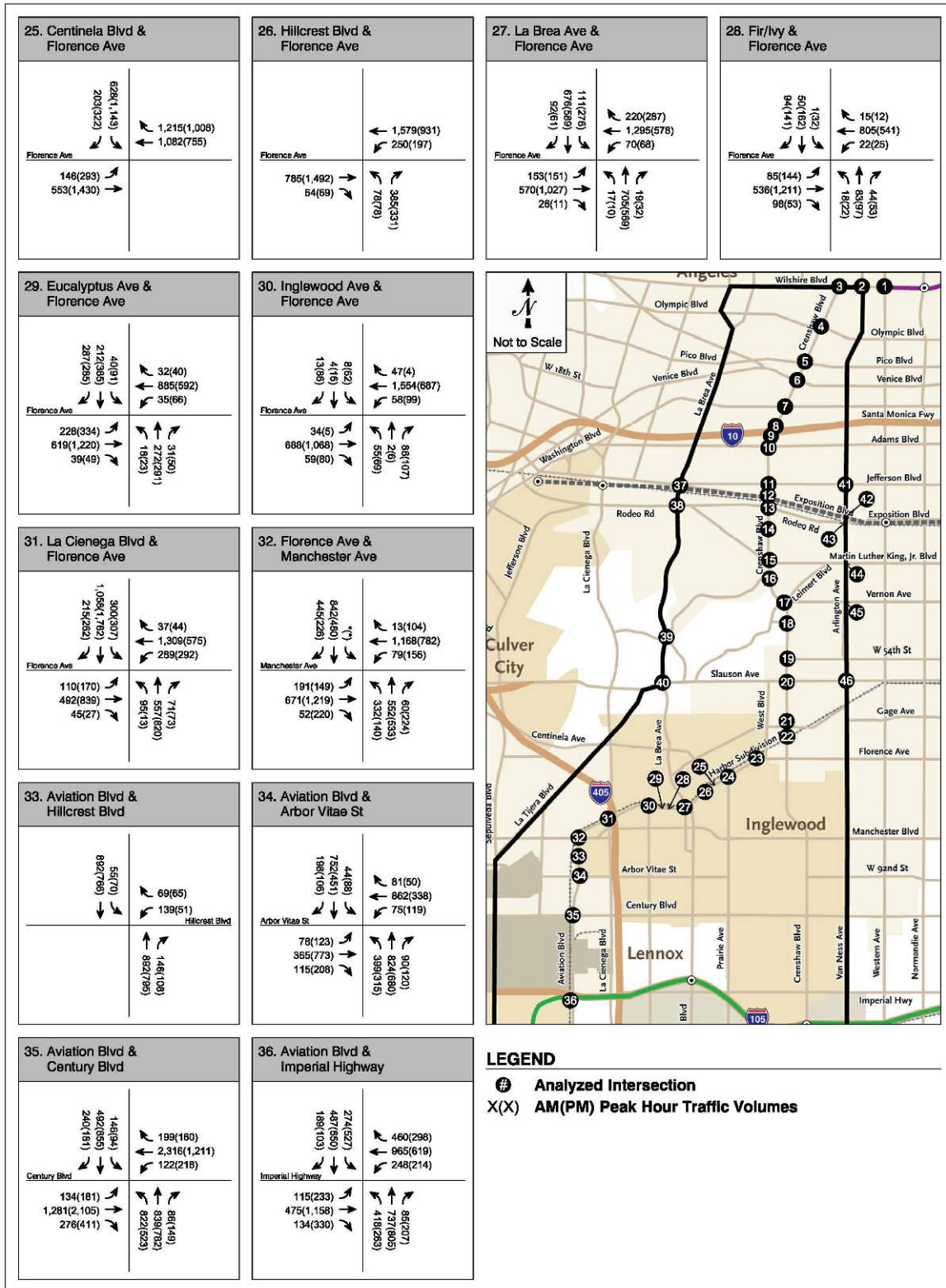


Figure F-5. LRT Alternative Peak Hour Traffic Volumes (continued)

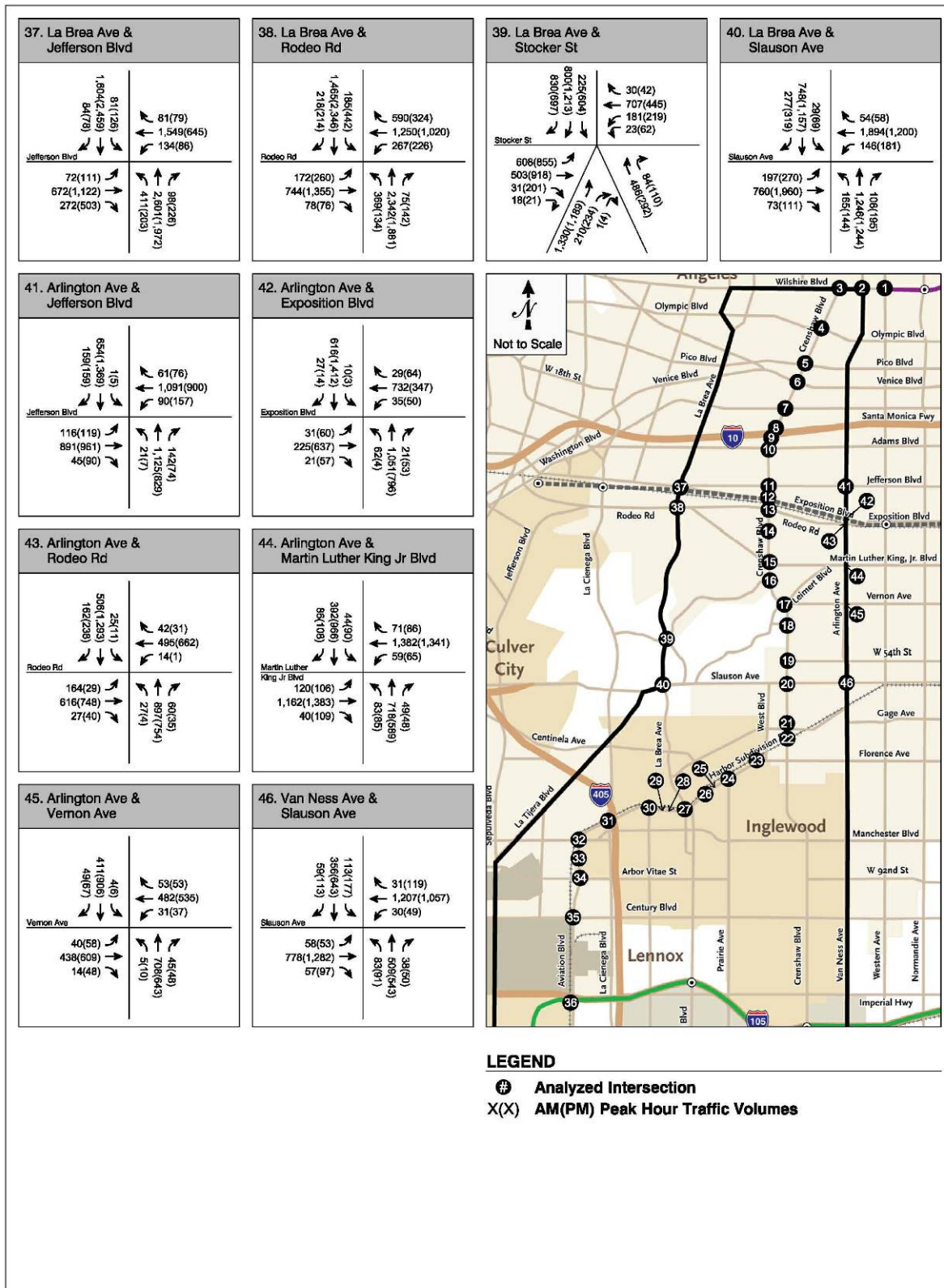




Table F-6. LRT Alternative with Design Options Intersection Level of Service Analysis

Design Option	Int #	N/S Street	E/W Street	Peak Period	No-Build Alternative			LRT Design Options			Delay Change
					V/C	Delay (sec)	LOS	V/C	Delay (sec)	LOS	
Exposition Below-Grade Option	12	Crenshaw Blvd	Exposition Blvd	AM	1.167	87	F	1.143	81	F	-6
				PM	0.965	23	C	0.963	23	C	0
Exposition Below-Grade Option	13	Crenshaw Blvd	Rodeo Rd	AM	0.972	58	E	0.969	57	E	-1
				PM	0.858	40	D	0.856	39	D	-1
Exposition Below-Grade Option	14	Crenshaw Blvd	Coliseum St	AM	0.891	27	C	0.887	27	C	0
				PM	0.703	10	A	0.701	10	A	0
Centinela Under-Crossing Option	25	Centinela Blvd	Florence Ave	AM	1.119	90	F	1.115	88	F	-2
				PM	1.188	77	E	1.186	76	E	-1
Manchester Above-Grade Option	32	Florence Ave	Manchester Ave	AM	1.081	88	F	1.111	91	F	3
				PM	0.824	40	D	0.833	41	D	1

Source: Fehr & Peers

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