

Appendix L (Continued)

Noise Impact Study–Convention Center
Modernization & Farmers Field Project



Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday - Pre-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
Grand Avenue										
- North of 1st St.	70	10	45	35	1,057	10,570	0	0	69.0	68.1
- South of 1st St.	70	10	45	35	1,108	11,080	0	0	69.2	68.3
- North of 11th St.	70	10	45	35	688	6,880	0	0	67.2	66.2
- Between 11th and 12th St.	50	10	35	35	779	7,790	0	0	68.9	67.9
- Between 12th St. and Venice Ave.	50	10	35	35	744	7,440	0	0	68.7	67.7
- Between Venice Ave. and 17th St.	50	10	35	35	751	7,510	0	0	68.8	67.8
- Between 17th St. and Washington Ave.	50	10	35	35	432	4,320	0	0	66.4	65.4
- South of Washington Ave.	50	10	35	35	358	3,580	0	0	65.5	64.6
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	1,034	10,340	0	0	68.9	68.0
- Between 5th St. and Wilshire Blvd.	70	10	45	35	1,465	14,650	0	0	70.5	69.5
- Between Wilshire Blvd. and 9th St.	70	10	45	35	1,286	12,860	0	0	69.9	68.9
- Between 9th St. and Olympic Blvd.	70	10	45	35	1,314	13,140	0	0	70.0	69.0
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	1,492	14,920	0	0	70.5	69.6
- South of Pico Blvd.	70	10	45	35	1,476	14,760	0	0	70.5	69.5
Flower Street										
- North of 6th St.	70	10	45	35	700	7,000	0	0	67.3	66.3
- Between 6th St. and 8th St.	60	10	40	35	958	9,580	0	0	69.2	68.2
- Between 8th and Pico Blvd.	60	10	40	35	852	8,520	0	0	68.7	67.7
- South of Pico Blvd.	40	10	30	35	768	7,680	0	0	69.7	68.7
- South of 18th St.	40	10	30	35	511	5,110	0	0	67.9	66.9
Hope Street										
- North of 1st St.	60	10	40	35	611	6,110	0	0	67.3	66.3
- South of 1st St.	70	10	45	35	484	4,840	0	0	65.6	64.7
1st Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- Between Hope St. and Grand Ave.	80	10	50	35	1,262	12,620	0	0	69.4	68.4
2nd Street										
- West of Figueroa St.	80	10	50	35	603	6,030	0	0	66.2	65.2
- East of Figueroa St.	70	10	45	35	476	4,760	0	0	65.6	64.6
6th Street										
- West of Lucas Ave.	40	10	30	35	1,205	12,050	0	0	71.6	70.6
- Between Lucas Ave. & Bixel St.	40	10	30	35	1,209	12,090	0	0	71.6	70.6
- East of Bixel St.	40	10	30	35	1,208	12,080	0	0	71.6	70.6
- East of Flower St.	40	10	30	35	1,194	11,940	0	0	71.6	70.6
- West of Main St.	40	10	30	35	990	9,900	0	0	70.8	69.8
- East of Main St.	40	10	30	35	841	8,410	0	0	70.0	69.1
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	1,980	19,800	0	0	71.4	70.4
- Between Alvarado St. & Union Ave.	80	10	50	35	2,000	20,000	0	0	71.4	70.4
- Between Union Ave. & Blaine St.	80	10	50	35	1,823	18,230	0	0	71.0	70.0
- Between Blaine St. & Georgia St.	80	10	50	35	1,998	19,980	0	0	71.4	70.4
- Between George St. & Francisco St.	80	10	50	35	2,073	20,730	0	0	71.6	70.6
- Between Francisco St. & Figueroa St.	80	10	50	35	2,039	20,390	0	0	71.5	70.5
- Between Figueroa St. & Flower St.	70	10	45	35	1,883	18,830	0	0	71.5	70.6
- East of Flower St.	70	10	45	35	1,599	15,990	0	0	70.8	69.9
W. 11th Street										
- West of Blaine St.	40	10	30	35	394	3,940	0	0	66.8	65.8
- Between Blaine St. & LA Live Wy.	40	10	30	35	661	6,610	0	0	69.0	68.0
- East of LA Live Wy.	60	10	40	35	531	5,310	0	0	66.7	65.7
- West of Grand Ave.	40	10	30	35	513	5,130	0	0	67.9	66.9
- East of Grand Ave.	40	10	30	35	633	6,330	0	0	68.8	67.8
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,641	16,410	0	0	71.6	70.6
- Between Alvarado St. & Union Ave.	60	10	40	35	1,781	17,810	0	0	71.9	70.9
- Between Union Ave. & Figueroa St.	60	10	40	35	1,437	14,370	0	0	71.0	70.0
- Between Figueroa & Flower St.	70	10	45	35	984	9,840	0	0	68.7	67.8
- East of Hill St.	50	10	35	35	645	6,450	0	0	68.1	67.1
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	772	7,720	0	0	69.5	68.5
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	701	7,010	0	0	69.1	68.1
Venice Boulevard										
- East of Olive St.	40	10	30	35	380	3,800	0	0	66.6	65.6
W. 12th Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- West of Grand Ave.	40	10	30	35	274	2,740	0	0	65.2	64.2
E. 17th Street										
- West of Grand Ave.	40	10	30	35	1,000	10,000	0	0	70.8	69.8
W. 18th Street										
- West of Flower St.	40	10	30	35	78	780	0	0	59.7	58.7
- West of Grand Ave.	40	10	30	35	78	780	0	0	59.7	58.7
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,276	12,760	0	0	69.5	68.5
- Between Flower St. & Grand Ave.	80	10	50	35	1,093	10,930	0	0	68.8	67.8
- Between Grand Ave. & Los Angeles St.	80	10	50	35	955	9,550	0	0	68.2	67.2
- East of Los Angeles St.	80	10	50	35	877	8,770	0	0	67.8	66.9
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	305	3,050	0	0	63.6	62.7
- East of I-110 Fwy.	50	10	35	35	155	1,550	0	0	61.9	60.9
Alvarado Street										
- North of 8th St.	60	10	40	35	1,603	16,030	0	0	71.4	70.5
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,609	16,090	0	0	71.5	70.5
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,604	16,040	0	0	71.5	70.5
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,372	13,720	0	0	70.8	69.8
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,134	11,340	0	0	71.1	70.2
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,093	10,930	0	0	71.0	70.0
- South of Pico Blvd.	40	10	30	30	1,095	10,950	0	0	71.0	70.0
Lucas Ave.										
- North of 6th St.	40	10	30	30	577	5,770	0	0	68.2	67.2
- South of 6th St.	40	10	30	30	396	3,960	0	0	66.6	65.6
Bixel Street										
- North of 8th St.	40	10	30	30	270	2,700	0	0	64.9	63.9
- Between 8th St. & Wilshire Blvd.	40	10	30	30	377	3,770	0	0	66.4	65.4
- Between Wilshire Blvd. & 6th St.	40	10	30	30	709	7,090	0	0	69.1	68.1
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,417	14,170	0	0	71.5	70.5
- Between Flower St. & Grand Ave.	50	10	35	35	1,140	11,400	0	0	70.6	69.6
- Between Grand Ave. and Main St.	50	10	35	35	985	9,850	0	0	69.9	69.0
- East of Main St.	50	10	35	35	913	9,130	0	0	69.6	68.6
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	1,219	12,190	0	0	70.9	69.9
- Between Bixel St. & Figueroa St.	50	10	35	35	1,079	10,790	0	0	70.3	69.4

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	754	7,540	0	0	68.8	67.8

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday - Pre-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
Grand Avenue										
- North of 1st St.	70	10	45	35	1,420	14,200	0	0	70.3	69.3
- South of 1st St.	70	10	45	35	1,505	15,050	0	0	70.6	69.6
- North of 11th St.	70	10	45	35	744	7,440	0	0	67.5	66.5
- Between 11th and 12th St.	50	10	35	35	969	9,690	0	0	69.9	68.9
- Between 12th St. and Venice Ave.	50	10	35	35	762	7,620	0	0	68.8	67.8
- Between Venice Ave. and 17th St.	50	10	35	35	759	7,590	0	0	68.8	67.8
- Between 17th St. and Washington Ave.	50	10	35	35	454	4,540	0	0	66.6	65.6
- South of Washington Ave.	50	10	35	35	426	4,260	0	0	66.3	65.3
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	1,153	11,530	0	0	69.4	68.4
- Between 5th St. and Wilshire Blvd.	70	10	45	35	1,528	15,280	0	0	70.6	69.7
- Between Wilshire Blvd. and 9th St.	70	10	45	35	1,763	17,630	0	0	71.3	70.3
- Between 9th St. and Olympic Blvd.	70	10	45	35	1,574	15,740	0	0	70.8	69.8
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	1,861	18,610	0	0	71.5	70.5
- South of Pico Blvd.	70	10	45	35	1,928	19,280	0	0	71.7	70.7
Flower Street										
- North of 6th St.	70	10	45	35	1,174	11,740	0	0	69.5	68.5
- Between 6th St. and 8th St.	60	10	40	35	1,806	18,060	0	0	72.0	71.0
- Between 8th and Pico Blvd.	60	10	40	35	1,020	10,200	0	0	69.5	68.5
- South of Pico Blvd.	40	10	30	35	727	7,270	0	0	69.4	68.4
- South of 18th St.	40	10	30	35	511	5,110	0	0	67.9	66.9
Hope Street										
- North of 1st St.	60	10	40	35	976	9,760	0	0	69.3	68.3
- South of 1st St.	70	10	45	35	829	8,290	0	0	68.0	67.0
1st Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- Between Hope St. and Grand Ave.	80	10	50	35	1,311	13,110	0	0	69.6	68.6
2nd Street										
- West of Figueroa St.	80	10	50	35	621	6,210	0	0	66.3	65.4
- East of Figueroa St.	70	10	45	35	494	4,940	0	0	65.7	64.8
6th Street										
- West of Lucas Ave.	40	10	30	35	1,217	12,170	0	0	71.7	70.7
- Between Lucas Ave. & Bixel St.	40	10	30	35	1,373	13,730	0	0	72.2	71.2
- East of Bixel St.	40	10	30	35	1,372	13,720	0	0	72.2	71.2
- East of Flower St.	40	10	30	35	1,708	17,080	0	0	73.1	72.1
- West of Main St.	40	10	30	35	990	9,900	0	0	70.8	69.8
- East of Main St.	40	10	30	35	841	8,410	0	0	70.0	69.1
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	2,233	22,330	0	0	71.9	70.9
- Between Alvarado St. & Union Ave.	80	10	50	35	2,429	24,290	0	0	72.3	71.3
- Between Union Ave. & Blaine St.	80	10	50	35	2,359	23,590	0	0	72.1	71.2
- Between Blaine St. & Georgia St.	80	10	50	35	2,752	27,520	0	0	72.8	71.8
- Between George St. & Francisco St.	80	10	50	35	2,781	27,810	0	0	72.8	71.9
- Between Francisco St. & Figueroa St.	80	10	50	35	3,082	30,820	0	0	73.3	72.3
- Between Figueroa St. & Flower St.	70	10	45	35	2,548	25,480	0	0	72.9	71.9
- East of Flower St.	70	10	45	35	2,193	21,930	0	0	72.2	71.2
W. 11th Street										
- West of Blaine St.	40	10	30	35	417	4,170	0	0	67.0	66.0
- Between Blaine St. & LA Live Wy.	40	10	30	35	579	5,790	0	0	68.4	67.5
- East of LA Live Wy.	60	10	40	35	236	2,360	0	0	63.1	62.2
- West of Grand Ave.	40	10	30	35	472	4,720	0	0	67.5	66.6
- East of Grand Ave.	40	10	30	35	874	8,740	0	0	70.2	69.2
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,774	17,740	0	0	71.9	70.9
- Between Alvarado St. & Union Ave.	60	10	40	35	2,074	20,740	0	0	72.6	71.6
- Between Union Ave. & Figueroa St.	60	10	40	35	1,817	18,170	0	0	72.0	71.0
- Between Figueroa & Flower St.	70	10	45	35	1,467	14,670	0	0	70.5	69.5
- East of Hill St.	50	10	35	35	786	7,860	0	0	69.0	68.0
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	992	9,920	0	0	70.6	69.6
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	1,369	13,690	0	0	72.0	71.0
Venice Boulevard										
- East of Olive St.	40	10	30	35	708	7,080	0	0	69.3	68.3
W. 12th Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- West of Grand Ave.	40	10	30	35	274	2,740	0	0	65.2	64.2
E. 17th Street										
- West of Grand Ave.	40	10	30	35	1,123	11,230	0	0	71.3	70.3
W. 18th Street										
- West of Flower St.	40	10	30	35	121	1,210	0	0	61.6	60.7
- West of Grand Ave.	40	10	30	35	121	1,210	0	0	61.6	60.7
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,398	13,980	0	0	69.9	68.9
- Between Flower St. & Grand Ave.	80	10	50	35	1,215	12,150	0	0	69.2	68.3
- Between Grand Ave. & Los Angeles St.	80	10	50	35	1,070	10,700	0	0	68.7	67.7
- East of Los Angeles St.	80	10	50	35	958	9,580	0	0	68.2	67.2
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	332	3,320	0	0	64.0	63.0
- East of I-110 Fwy.	50	10	35	35	295	2,950	0	0	64.7	63.7
Alvarado Street										
- North of 8th St.	60	10	40	35	1,661	16,610	0	0	71.6	70.6
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,624	16,240	0	0	71.5	70.5
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,879	18,790	0	0	72.1	71.2
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,541	15,410	0	0	71.3	70.3
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,182	11,820	0	0	71.3	70.4
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,195	11,950	0	0	71.4	70.4
- South of Pico Blvd.	40	10	30	30	1,143	11,430	0	0	71.2	70.2
Lucas Ave.										
- North of 6th St.	40	10	30	30	888	8,880	0	0	70.1	69.1
- South of 6th St.	40	10	30	30	556	5,560	0	0	68.1	67.1
Bixel Street										
- North of 8th St.	40	10	30	30	270	2,700	0	0	64.9	63.9
- Between 8th St. & Wilshire Blvd.	40	10	30	30	377	3,770	0	0	66.4	65.4
- Between Wilshire Blvd. & 6th St.	40	10	30	30	709	7,090	0	0	69.1	68.1
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,451	14,510	0	0	71.6	70.6
- Between Flower St. & Grand Ave.	50	10	35	35	1,510	15,100	0	0	71.8	70.8
- Between Grand Ave. and Main St.	50	10	35	35	1,266	12,660	0	0	71.0	70.0
- East of Main St.	50	10	35	35	913	9,130	0	0	69.6	68.6
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	1,415	14,150	0	0	71.5	70.5
- Between Bixel St. & Figueroa St.	50	10	35	35	1,275	12,750	0	0	71.1	70.1

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	1,066	10,660	0	0	70.3	69.3

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

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Scenario: Sunday - Pre-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
Grand Avenue										
- North of 1st St.	70	10	45	35	1,038	10,380	0	0	69.0	68.0
- South of 1st St.	70	10	45	35	1,027	10,270	0	0	68.9	67.9
- North of 11th St.	70	10	45	35	402	4,020	0	0	64.8	63.9
- Between 11th and 12th St.	50	10	35	35	512	5,120	0	0	67.1	66.1
- Between 12th St. and Venice Ave.	50	10	35	35	336	3,360	0	0	65.3	64.3
- Between Venice Ave. and 17th St.	50	10	35	35	349	3,490	0	0	65.4	64.5
- Between 17th St. and Washington Ave.	50	10	35	35	287	2,870	0	0	64.6	63.6
- South of Washington Ave.	50	10	35	35	301	3,010	0	0	64.8	63.8
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	884	8,840	0	0	68.3	67.3
- Between 5th St. and Wilshire Blvd.	70	10	45	35	1,025	10,250	0	0	68.9	67.9
- Between Wilshire Blvd. and 9th St.	70	10	45	35	1,251	12,510	0	0	69.8	68.8
- Between 9th St. and Olympic Blvd.	70	10	45	35	1,002	10,020	0	0	68.8	67.8
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	1,213	12,130	0	0	69.6	68.7
- South of Pico Blvd.	70	10	45	35	1,421	14,210	0	0	70.3	69.4
Flower Street										
- North of 6th St.	70	10	45	35	908	9,080	0	0	68.4	67.4
- Between 6th St. and 8th St.	60	10	40	35	1,402	14,020	0	0	70.9	69.9
- Between 8th and Pico Blvd.	60	10	40	35	558	5,580	0	0	66.9	65.9
- South of Pico Blvd.	40	10	30	35	255	2,550	0	0	64.9	63.9
- South of 18th St.	40	10	30	35	122	1,220	0	0	61.7	60.7
Hope Street										
- North of 1st St.	60	10	40	35	815	8,150	0	0	68.5	67.5
- South of 1st St.	70	10	45	35	721	7,210	0	0	67.4	66.4
1st Street										

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- Between Hope St. and Grand Ave.	80	10	50	35	834	8,340	0	0	67.6	66.6
2nd Street										
- West of Figueroa St.	80	10	50	35	551	5,510	0	0	65.8	64.8
- East of Figueroa St.	70	10	45	35	447	4,470	0	0	65.3	64.3
6th Street										
- West of Lucas Ave.	40	10	30	35	824	8,240	0	0	70.0	69.0
- Between Lucas Ave. & Bixel St.	40	10	30	35	839	8,390	0	0	70.0	69.1
- East of Bixel St.	40	10	30	35	801	8,010	0	0	69.8	68.9
- East of Flower St.	40	10	30	35	1,394	13,940	0	0	72.2	71.3
- West of Main St.	40	10	30	35	702	7,020	0	0	69.3	68.3
- East of Main St.	40	10	30	35	612	6,120	0	0	68.7	67.7
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	1,894	18,940	0	0	71.2	70.2
- Between Alvarado St. & Union Ave.	80	10	50	35	2,034	20,340	0	0	71.5	70.5
- Between Union Ave. & Blaine St.	80	10	50	35	1,918	19,180	0	0	71.2	70.3
- Between Blaine St. & Georgia St.	80	10	50	35	2,228	22,280	0	0	71.9	70.9
- Between George St. & Francisco St.	80	10	50	35	2,226	22,260	0	0	71.9	70.9
- Between Francisco St. & Figueroa St.	80	10	50	35	2,452	24,520	0	0	72.3	71.3
- Between Figueroa St. & Flower St.	70	10	45	35	2,019	20,190	0	0	71.9	70.9
- East of Flower St.	70	10	45	35	1,680	16,800	0	0	71.1	70.1
W. 11th Street										
- West of Blaine St.	40	10	30	35	237	2,370	0	0	64.5	63.6
- Between Blaine St. & LA Live Wy.	40	10	30	35	439	4,390	0	0	67.2	66.2
- East of LA Live Wy.	60	10	40	35	228	2,280	0	0	63.0	62.0
- West of Grand Ave.	40	10	30	35	208	2,080	0	0	64.0	63.0
- East of Grand Ave.	40	10	30	35	465	4,650	0	0	67.5	66.5
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,589	15,890	0	0	71.4	70.4
- Between Alvarado St. & Union Ave.	60	10	40	35	1,882	18,820	0	0	72.1	71.2
- Between Union Ave. & Figueroa St.	60	10	40	35	1,579	15,790	0	0	71.4	70.4
- Between Figueroa & Flower St.	70	10	45	35	1,211	12,110	0	0	69.6	68.7
- East of Hill St.	50	10	35	35	632	6,320	0	0	68.0	67.0
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	848	8,480	0	0	69.9	68.9
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	1,280	12,800	0	0	71.7	70.7
Venice Boulevard										
- East of Olive St.	40	10	30	35	681	6,810	0	0	69.1	68.2
W. 12th Street										

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- West of Grand Ave.	40	10	30	35	79	790	0	0	59.8	58.8
E. 17th Street										
- West of Grand Ave.	40	10	30	35	763	7,630	0	0	69.6	68.6
W. 18th Street										
- West of Flower St.	40	10	30	35	80	800	0	0	59.8	58.9
- West of Grand Ave.	40	10	30	35	80	800	0	0	59.8	58.9
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,243	12,430	0	0	69.3	68.4
- Between Flower St. & Grand Ave.	80	10	50	35	1,056	10,560	0	0	68.6	67.7
- Between Grand Ave. & Los Angeles St.	80	10	50	35	913	9,130	0	0	68.0	67.0
- East of Los Angeles St.	80	10	50	35	812	8,120	0	0	67.5	66.5
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	284	2,840	0	0	63.3	62.4
- East of I-110 Fwy.	50	10	35	35	293	2,930	0	0	64.7	63.7
Alvarado Street										
- North of 8th St.	60	10	40	35	1,431	14,310	0	0	71.0	70.0
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,399	13,990	0	0	70.9	69.9
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,619	16,190	0	0	71.5	70.5
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,361	13,610	0	0	70.7	69.8
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,156	11,560	0	0	71.2	70.3
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,146	11,460	0	0	71.2	70.2
- South of Pico Blvd.	40	10	30	30	1,102	11,020	0	0	71.0	70.0
Lucas Ave.										
- North of 6th St.	40	10	30	30	655	6,550	0	0	68.8	67.8
- South of 6th St.	40	10	30	30	384	3,840	0	0	66.4	65.5
Bixel Street										
- North of 8th St.	40	10	30	30	207	2,070	0	0	63.8	62.8
- Between 8th St. & Wilshire Blvd.	40	10	30	30	276	2,760	0	0	65.0	64.0
- Between Wilshire Blvd. & 6th St.	40	10	30	30	556	5,560	0	0	68.1	67.1
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,306	13,060	0	0	71.2	70.2
- Between Flower St. & Grand Ave.	50	10	35	35	1,381	13,810	0	0	71.4	70.4
- Between Grand Ave. and Main St.	50	10	35	35	1,143	11,430	0	0	70.6	69.6
- East of Main St.	50	10	35	35	825	8,250	0	0	69.2	68.2
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	1,161	11,610	0	0	70.6	69.7
- Between Bixel St. & Figueroa St.	50	10	35	35	1,036	10,360	0	0	70.2	69.2

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	931	9,310	0	0	69.7	68.7

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

Existing (2011)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	13	2	8	82	615	38	86	34	11	32	776	146
2	Francisco & Olympic	34	3	4	93	715	47	11	2	9	124	640	115
3	Figueroa & Olympic	0	0	0	144	705	50	84	473	149	120	419	122
4	Flower & Olympic	307	380	54	0	603	24	0	0	0	37	451	0
5	Grand & Olympic	100	246	27	0	491	44	0	0	0	66	414	0
6	Olive & Olympic	0	0	0	14	455	0	16	181	81	0	402	51
7	Hill & Olympic	57	151	26	36	411	10	17	68	9	23	361	39
8	Broadway & Olympic	69	226	73	51	373	30	37	248	22	14	358	33
9	Main & Olympic	127	249	44	38	292	22	60	248	26	27	383	55
10	Los Angeles & Olympic	75	222	93	52	253	36	85	188	33	64	349	48
11	Santee & Olympic	116	64	17	30	178	22	67	65	30	103	382	34
12	Maple & Olympic	75	190	38	37	102	14	62	169	54	133	255	68
13	Maple & 9th	41	142	22	63	235	88	89	157	18	103	349	23
14	San Pedro & 9th	55	252	36	69	345	53	94	337	67	66	215	48
15	LA Live Way & Chick Hearn Ct	0	0	0	34	62	40	153	419	120	196	57	82
16	Figueroa & 11th	45	108	3	94	207	48	17	623	37	47	30	28
17	Flower & 11th	190	216	0	0	163	14	0	0	0	50	0	0
18	Grand & 11th	53	293	0	0	150	28	0	0	0	0	0	0
19	Olive & 11th	0	0	0	8	128	0	0	266	48	0	0	0
20	Figueroa & 12th	0	173	9	13	0	10	8	664	2	1	1	0
21	Flower & 12th	24	201	57	0	0	0	0	0	0	1	17	0
22	Grand & 12th	0	273	50	0	0	0	0	0	0	29	50	0
23	Olive & 12th	0	0	0	0	0	0	10	269	0	0	61	36
24	LA Live Way & Pico	8	0	141	72	242	0	191	612	552	0	320	142
25	LA Live Way & Bond	0	0	0	78	2	0	0	1,285	0	0	0	2
26	Figueroa & Pico	16	169	14	38	229	43	46	540	73	98	381	84
27	Flower & Pico	37	163	2	0	283	13	0	0	0	102	344	0
28	Grand & Pico	28	256	11	0	247	14	0	0	0	41	262	0
29	Olive & Pico	0	0	0	12	225	0	16	242	34	0	259	16
30	Hill & Pico	21	148	8	6	206	8	11	78	13	16	252	6
31	Broadway & Pico	33	202	11	20	151	16	24	250	33	23	221	40
32	Main & Pico	29	203	15	52	176	8	38	244	25	34	161	47
33	Blaine & Olympic	2	51	8	15	515	118	195	1	139	115	596	2
34	Blaine & SR 110 SB Off-Ramps	0	292	0	336	0	317	0	0	0	0	0	0
35	Blaine & 11th	48	303	263	0	101	81	0	0	0	150	78	0
36	Convention Center Drive & Venice	14	0	59	156	282	0	0	0	0	0	320	26

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37	Figueroa & Venice	26	231	11	32	183	27	43	542	75	141	155	48
38	Flower & Venice	26	243	10	0	219	21	0	0	0	28	180	0
39	Grand & Venice	36	271	26	0	215	12	0	0	0	57	163	0
40	Olive & Venice	0	0	0	8	150	0	24	302	76	0	171	13
41	Grand & 17th	162	180	0	0	478	83	0	0	0	0	0	0
42	Olive & 17th	0	0	0	133	425	0	0	261	139	0	0	0
43	Hill & 17th	51	130	0	43	441	27	0	113	42	0	0	0
44	Broadway & 17th	58	246	0	50	417	24	0	246	44	0	0	0
45	Main & 17th	72	204	0	27	326	43	0	247	51	0	0	0
46	Los Angeles & 17th	85	226	0	277	289	47	0	105	19	0	0	0
47	Flower & 18th	0	116	6	0	0	0	0	0	0	6	31	0
48	Grand & 18th	0	177	109	0	0	0	90	0	0	111	308	0
49	Olive & 18th	0	0	0	0	0	0	14	101	0	0	220	294
50	Hill & 18th	0	121	35	0	0	0	18	127	0	31	286	26
51	Broadway & 18th	0	230	39	0	0	0	26	258	0	20	289	26
52	Main & 18th	0	221	30	0	0	0	75	274	0	26	202	32
53	Los Angeles & 18th	0	103	3	0	0	0	2	146	0	11	21	275
54	Figueroa & Washington	57	223	48	118	532	72	45	628	91	64	276	101
55	Flower & Washington	38	73	9	0	602	0	0	0	0	22	356	0
56	Grand & Washington	57	100	35	7	454	8	21	69	25	10	355	0
57	Olive & Washington	0	0	0	46	403	2	2	36	13	4	382	38
58	Hill & Washington	25	85	31	45	302	10	21	93	6	2	79	8
59	Broadway & Washington	27	186	32	51	314	35	53	232	20	7	116	5
60	Main & Washington	23	186	36	31	367	27	55	297	45	29	377	17
61	Los Angeles & Washington	42	71	36	53	309	7	15	68	6	11	311	36
62	San Pedro & Washington	41	376	43	33	285	53	38	569	84	55	305	116
63	Figueroa & Adams	82	572	95	194	471	155	77	631	148	134	233	107
64	Flower & Adams	24	78	0	0	808	0	0	0	0	145	295	0
65	I-110 NB Off General & Adams	73	0	191	0	380	0	170	0	262	0	294	0
66	Grand & Adams	35	60	31	22	329	28	30	41	14	16	463	60
67	Hill & Adams	19	84	21	48	331	13	37	75	20	34	419	68
68	Broadway & Adams	23	219	14	24	350	29	18	239	26	33	416	28
69	Main & Adams	19	214	28	38	313	37	48	345	53	33	361	42
70	Flower & Jefferson	24	169	25	0	411	50	0	0	0	163	261	0
71	Figueroa & Exposition	69	640	205	334	434	63	34	1,009	149	107	287	134
72	Flower & 37th Street	0	143	282	0	0	0	35	0	0	42	406	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	75	0	0	44	374	0	0	79	292
74	Hill & 37th Street	14	59	3	0	17	2	3	56	10	10	25	27
75	Broadway & 37th	3	314	3	1	1	1	0	293	8	16	7	12
76	Figueroa & 39th	117	370	44	89	17	70	29	340	56	11	6	33

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	60	33	17	0	94	60	43	0
78	Figueroa & MLK	124	267	90	124	1,144	123	108	227	82	94	1,232	164
79	I-110 SB Ramps & MLK	504	0	250	0	995	220	0	0	0	542	908	0
80	I-110 NB Ramps/Hill & MLK	77	6	13	28	778	146	120	26	351	381	607	30
81	Georgia & James Wood	0	0	0	0	0	0	24	260	0	12	532	157
82	Francisco & 9th	0	0	11	0	0	0	0	0	0	0	1,054	193
83	Figueroa & 9th	0	0	0	0	0	0	111	617	0	0	879	153
84	Flower & 9th	0	449	131	0	0	0	0	0	0	297	716	0
85	Broadway & 9th	0	335	70	0	0	0	28	305	0	39	548	88
86	Bixel & 8th	45	546	0	105	416	272	0	0	0	0	0	0
87	Francisco & 8th	0	0	0	0	882	16	0	0	213	0	0	0
88	Figueroa & 8th	0	0	0	120	713	0	0	634	160	0	0	0
89	Flower & 8th	105	491	0	0	698	67	0	0	0	0	0	0
90	Hill & 8th	86	247	0	54	478	34	0	127	15	0	0	0
91	Broadway & 8th	74	399	0	95	445	19	0	352	43	0	0	0
92	Bixel & Wilshire	24	170	8	11	445	46	39	49	26	85	366	19
93	Figueroa & Wilshire	0	0	0	97	167	0	43	660	87	0	312	199
94	Lucas & 6th	73	87	25	7	231	6	8	80	21	22	393	72
95	Bixel & 6th	20	80	24	26	207	32	18	37	18	86	330	20
96	Figueroa & 6th	0	0	0	0	0	0	88	881	0	0	851	105
97	Flower & 6th	0	310	124	0	0	0	0	0	0	201	756	0
98	Grand & 6th	0	319	96	0	0	0	0	0	0	98	737	0
99	Hill & 6th	0	287	48	0	0	0	75	188	0	75	623	28
100	Spring & 6th	0	564	121	0	0	0	0	0	0	142	608	0
101	Main & 6th	0	0	0	0	0	0	94	451	0	0	518	184
102	Figueroa & 5th	0	0	0	103	693	0	0	568	399	0	0	0
103	Grand & 5th	64	253	0	35	538	164	0	0	0	0	0	0
104	Olive & 5th	100	0	0	37	385	0	0	276	232	0	0	0
105	Hill & 5th	90	282	0	62	268	18	0	175	37	0	0	0
106	Spring & 5th	47	477	0	0	248	156	0	0	0	0	0	0
107	Main & 5th	0	0	0	81	233	0	0	484	177	0	0	0
108	Figueroa & 2nd	22	181	33	14	100	26	75	381	55	141	181	34
109	Beaudry & 1st	58	129	31	32	157	31	45	160	45	30	211	26
110	Hope & 1st	22	88	111	65	200	33	55	100	16	84	325	64
111	Grand & 1st	59	304	61	114	229	106	14	56	19	131	262	81
112	Olive & 1st	0	0	0	0	281	24	162	0	80	33	353	0
113	Hill & 1st	71	289	55	22	232	16	23	139	19	21	275	76
114	Spring & 1st	42	305	10	2	161	22	0	0	0	25	236	32
115	Main & 1st	0	0	0	23	195	0	47	259	34	0	444	63
116	Hope & Temple/US-101 Ramps	45	126	182	116	276	51	78	77	24	67	373	133

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Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	100	272	0	0	370	118
118	Los Angeles & Aliso	0	271	88	0	0	0	16	162	0	24	420	20
119	Grand & I-110 On-Ramp/US-101 Ramps	272	301	0	0	0	0	0	229	167	217	0	58
120	Beaudry & Sunset	57	58	32	23	766	68	87	45	165	71	568	24
121	Figueroa & Cesar Chavez	71	71	53	64	899	69	192	299	186	79	549	85
122	Grand & Cesar Chavez	14	123	7	38	780	224	79	36	233	225	536	20
123	Spring & Cesar Chavez	90	99	9	74	842	266	30	10	8	124	461	1
124	Main & Cesar Chavez	0	0	0	35	946	0	143	173	169	0	447	50
125	Alameda & Cesar Chavez	147	726	64	67	611	153	105	605	225	220	321	51
126	Main & Alpine	60	182	33	55	257	0	15	107	3	19	78	47
127	Alameda & Alpine	94	172	61	72	74	23	51	258	56	86	38	44
128	Hill & Alpine	35	549	95	132	118	50	62	254	31	24	148	34
129	Hill & College	51	615	225	109	150	36	81	330	31	39	178	83
130	Sunset & Elysian Park	0	605	589	84	0	75	706	590	0	0	0	0
131	Glendale & Bellevue	0	716	90	124	0	329	164	507	0	0	0	0
132	Glendale & Temple	151	464	90	91	294	34	16	400	46	55	266	233
133	Alvarado & US 101 NB Ramps	264	722	0	75	0	234	0	625	248	0	0	0
134	Alvarado & US 101 SB Ramps	0	742	177	0	0	0	229	636	0	180	10	203
135	Alvarado & Beverly	79	793	14	58	251	62	38	682	28	40	294	84
136	Vermont & 6th	104	1,038	79	89	384	94	63	1,007	60	93	466	144
137	Alvarado & 6th	119	678	40	51	383	52	92	613	49	62	436	54
138	Western & Wilshire	87	765	85	83	623	133	119	771	91	94	610	116
139	Normandie & Wilshire	75	414	39	16	392	34	39	183	19	54	691	25
140	Vermont & Wilshire	77	1,122	54	79	629	70	35	943	94	39	445	116
141	Alvarado & Wilshire	108	601	41	88	551	41	77	643	23	26	432	75
142	Vermont & 8th	95	1,151	50	70	394	35	73	1,018	98	85	294	39
143	Alvarado & 8th	68	544	39	102	332	57	122	563	51	37	285	57
144	Western & Olympic	94	645	170	134	599	110	82	812	98	34	613	88
145	Normandie & Olympic	72	514	63	43	957	80	105	517	79	71	913	52
146	Vermont & Olympic	168	925	110	100	653	108	55	985	78	68	704	139
147	Alvarado & Olympic	125	472	98	78	643	84	82	522	68	44	663	98
148	Union & Olympic	95	409	63	64	618	50	22	423	77	49	670	54
149	Western & Pico	74	837	68	81	395	91	89	851	88	91	441	84
150	Normandie & Pico	53	662	35	51	438	107	147	603	47	68	421	35
151	Vermont & Pico	95	925	103	69	566	59	77	1,011	87	71	472	75
152	Alvarado & Pico	155	445	85	112	585	93	126	486	17	35	530	134
153	Pico & Union	103	419	44	47	691	46	36	458	61	54	683	53
154	Hoover & Alvarado	0	592	0	14	0	488	512	575	0	0	0	0
155	Western & Venice	55	756	42	50	343	86	67	892	75	51	368	60
156	Normandie & Venice	67	786	27	42	305	25	36	692	73	103	333	58

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

157	Vermont & Venice	79	965	64	65	298	57	119	994	45	41	332	75
158	Hoover & Venice	108	900	51	61	196	99	53	915	51	114	235	138
159	Western & Washington	44	948	63	89	299	100	88	1,028	75	96	336	73
160	Normandie & Washington	59	801	65	57	252	81	130	779	125	126	324	37
161	Vermont & Washington	48	963	56	85	377	103	108	948	68	40	327	96
162	Hoover & Washington	153	794	148	86	347	52	44	806	64	53	345	108
163	I-10 WB Ramp & 20th	0	0	0	0	40	492	281	0	43	22	42	0
164	Vermont & I-10 EB Ramps	0	702	441	0	0	0	210	882	0	246	0	275
165	I-10 EB Ramp & Hoover	0	633	258	0	0	0	278	619	0	222	0	433
166	Hill & Venice	13	130	10	7	182	13	17	92	32	15	175	6
167	Broadway & Venice	10	213	9	14	155	6	10	250	33	46	152	19
168	Main & Venice	24	206	10	14	132	5	8	221	26	32	104	24
169	Los Angeles & Venice	19	219	9	33	122	18	9	219	12	23	71	24
170	San Pedro & Venice	126	395	0	273	145	185	0	216	68	54	0	37
171	Central & Venice	153	412	0	176	162	199	0	292	158	0	0	0
172	Central & Washington	57	341	32	44	286	55	29	553	67	82	262	94
173	Wilton Place (ext. of Arlington) & Wilshire	109	580	30	51	717	100	52	652	63	42	640	125
174	Arlington & Olympic	105	516	81	51	597	45	68	514	60	69	780	100
175	Arlington & Pico	76	502	61	60	409	58	55	568	94	91	473	79
176	Arlington & Venice	48	598	29	33	386	55	45	642	49	73	378	35
177	Arlington & Washington	35	707	16	54	378	110	109	621	49	70	346	62
178													
179													
180													
181													
182													
183													

Traffic Data Received on 10/18/11
Peak Hour Traffic Volumes
Future No Project, Cumulative Base (2038)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	43	2	8	138	785	77	95	56	40	63	953	189
2	Francisco & Olympic	34	3	44	129	981	48	11	2	9	125	824	116
3	Figueroa & Olympic	0	0	0	199	886	76	133	951	271	157	592	135
4	Flower & Olympic	342	907	75	0	829	35	0	0	0	49	660	0
5	Grand & Olympic	154	534	84	0	669	55	0	0	0	109	589	0
6	Olive & Olympic	0	0	0	59	612	0	27	477	111	0	572	114
7	Hill & Olympic	79	319	29	45	553	75	124	157	48	61	486	57
8	Broadway & Olympic	99	337	87	53	535	30	37	314	47	53	500	86
9	Main & Olympic	171	424	55	47	411	24	64	438	28	27	504	92
10	Los Angeles & Olympic	76	251	94	53	374	36	86	202	38	68	471	49
11	Santee & Olympic	117	65	19	31	298	22	68	66	30	104	505	34
12	Maple & Olympic	76	192	38	37	219	14	63	173	57	139	374	69
13	Maple & 9th	41	144	22	64	238	89	90	161	18	104	504	23
14	San Pedro & 9th	56	255	36	72	349	54	95	344	68	69	367	49
15	LA Live Way & Chick Hearn Ct	0	0	0	66	155	40	174	454	121	203	96	83
16	Figueroa & 11th	46	170	3	140	284	49	17	1,227	98	105	30	28
17	Flower & 11th	209	747	0	0	268	193	0	0	0	51	0	0
18	Grand & 11th	76	612	0	0	437	196	0	0	0	0	0	0
19	Olive & 11th	0	0	0	8	311	0	0	603	304	0	0	0
20	Figueroa & 12th	0	229	17	13	0	10	38	1,165	2	1	1	0
21	Flower & 12th	24	684	173	0	0	0	0	0	0	1	55	0
22	Grand & 12th	0	669	80	0	0	0	0	0	0	66	208	0
23	Olive & 12th	0	0	0	0	0	0	10	777	0	0	159	125
24	LA Live Way & Pico	8	0	148	73	342	0	227	668	559	0	408	144
25	LA Live Way & Bond	0	0	0	79	2	0	0	1,384	0	0	0	2
26	Figueroa & Pico	38	184	20	41	301	75	64	966	79	108	451	147
27	Flower & Pico	61	657	17	0	368	0	0	0	0	111	475	0
28	Grand & Pico	63	644	21	0	300	30	0	0	0	56	383	0
29	Olive & Pico	0	0	0	17	279	0	47	708	50	0	352	54
30	Hill & Pico	30	318	14	15	250	9	13	157	17	39	344	14
31	Broadway & Pico	41	326	11	20	197	16	24	318	33	23	304	57
32	Main & Pico	37	326	15	54	214	8	38	359	25	34	206	85
33	Blaine & Olympic	2	52	8	15	705	160	269	1	162	119	765	2
34	Blaine & SR 110 SB Off-Ramps	0	340	0	432	0	358	0	0	0	0	0	0
35	Blaine & 11th	49	351	303	0	108	168	0	0	0	152	85	0
36	Convention Center Drive & Venice	14	0	60	171	344	0	0	0	0	0	355	26

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

37	Figueroa & Venice	53	274	15	51	229	28	45	864	76	143	183	54
38	Flower & Venice	42	728	12	0	270	28	0	0	0	28	213	0
39	Grand & Venice	59	666	27	0	245	12	0	0	0	72	189	0
40	Olive & Venice	0	0	0	11	168	0	24	745	87	0	177	34
41	Grand & 17th	400	352	0	0	600	92	0	0	0	0	0	0
42	Olive & 17th	0	0	0	271	538	0	0	577	157	0	0	0
43	Hill & 17th	100	264	0	50	632	40	0	190	53	0	0	0
44	Broadway & 17th	71	361	0	57	616	31	0	317	45	0	0	0
45	Main & 17th	88	310	0	46	518	152	0	343	56	0	0	0
46	Los Angeles & 17th	92	251	0	294	600	48	0	109	19	0	0	0
47	Flower & 18th	0	505	6	0	0	0	0	0	0	6	72	0
48	Grand & 18th	0	310	157	0	0	0	91	0	0	131	563	0
49	Olive & 18th	0	0	0	0	0	0	14	228	0	0	318	501
50	Hill & 18th	0	243	59	0	0	0	18	208	0	31	378	32
51	Broadway & 18th	0	337	54	0	0	0	36	329	0	31	395	26
52	Main & 18th	0	420	46	0	0	0	166	360	0	31	311	47
53	Los Angeles & 18th	0	104	3	0	0	0	2	150	0	11	21	491
54	Figueroa & Washington	70	235	49	128	620	107	78	1,020	101	67	306	112
55	Flower & Washington	73	423	13	0	698	0	0	0	0	25	415	0
56	Grand & Washington	71	220	52	7	535	10	23	70	25	10	419	0
57	Olive & Washington	0	0	0	48	488	2	2	149	26	4	453	50
58	Hill & Washington	38	187	38	60	375	10	21	154	6	2	141	13
59	Broadway & Washington	27	286	48	57	400	41	60	304	20	7	182	9
60	Main & Washington	26	378	44	39	461	27	67	463	46	29	467	19
61	Los Angeles & Washington	43	72	36	54	383	7	15	69	6	11	382	38
62	San Pedro & Washington	41	381	44	33	350	54	40	576	95	64	371	117
63	Figueroa & Adams	91	755	110	236	486	210	84	1,032	160	140	243	110
64	Flower & Adams	56	460	0	7	888	0	0	0	0	147	326	0
65	I-110 NB Off General & Adams	81	0	200	0	440	0	213	0	281	0	332	0
66	Grand & Adams	35	175	31	22	388	28	30	41	14	16	544	61
67	Hill & Adams	21	177	21	49	387	13	37	180	20	34	485	82
68	Broadway & Adams	31	317	14	24	397	29	18	311	27	36	472	36
69	Main & Adams	21	404	28	38	358	37	49	505	54	33	403	57
70	Flower & Jefferson	101	449	33	0	561	51	0	0	0	205	384	0
71	Figueroa & Exposition	70	744	298	387	456	73	40	1,347	151	108	305	136
72	Flower & 37th Street	0	412	325	0	0	0	35	0	0	43	524	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	77	0	0	45	436	0	0	81	351
74	Hill & 37th Street	14	152	3	0	18	2	3	161	10	10	26	27
75	Broadway & 37th	3	425	3	1	1	1	0	375	9	17	7	12
76	Figueroa & 39th	118	457	65	114	17	71	29	651	57	11	6	33

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	61	33	17	0	119	81	44	0
78	Figueroa & MLK	126	325	118	157	1,159	132	110	503	84	97	1,248	167
79	I-110 SB Ramps & MLK	516	0	253	0	1,042	223	0	0	0	549	949	0
80	I-110 NB Ramps/Hill & MLK	78	98	13	28	822	148	121	130	355	386	644	30
81	Georgia & James Wood	0	0	0	0	0	0	29	363	0	12	859	179
82	Francisco & 9th	0	0	74	0	0	0	0	0	0	0	1,590	235
83	Figueroa & 9th	0	0	0	0	0	0	181	1,161	0	0	1,425	205
84	Flower & 9th	0	851	139	0	0	0	0	0	0	423	1,207	0
85	Broadway & 9th	0	404	72	0	0	0	28	426	0	125	762	173
86	Bixel & 8th	46	755	0	106	557	372	0	0	0	0	0	0
87	Francisco & 8th	9	5	0	17	1,311	82	0	0	258	0	0	0
88	Figueroa & 8th	0	0	0	142	1,025	0	0	1,031	361	0	0	0
89	Flower & 8th	111	852	0	0	1,025	116	0	0	0	0	0	0
90	Hill & 8th	143	391	0	65	770	64	0	225	21	0	0	0
91	Broadway & 8th	125	470	0	106	678	19	0	508	93	0	0	0
92	Bixel & Wilshire	33	228	8	28	548	58	39	59	26	101	454	57
93	Figueroa & Wilshire	0	0	0	98	224	0	44	1,033	129	0	388	281
94	Lucas & 6th	80	151	55	74	418	9	38	141	29	28	574	76
95	Bixel & 6th	31	91	28	32	472	39	41	53	20	96	596	35
96	Figueroa & 6th	0	0	0	0	0	0	123	1,303	0	0	1,304	233
97	Flower & 6th	0	574	126	0	0	0	0	0	0	378	1,068	0
98	Grand & 6th	0	527	106	0	0	0	0	0	0	146	1,010	0
99	Hill & 6th	0	486	76	0	0	0	76	306	0	113	876	28
100	Spring & 6th	0	884	162	0	0	0	0	0	0	166	855	0
101	Main & 6th	0	0	0	0	0	0	125	799	0	0	716	274
102	Figueroa & 5th	0	0	0	132	1,021	0	0	847	671	0	0	0
103	Grand & 5th	74	376	0	39	931	244	0	0	0	0	0	0
104	Olive & 5th	141	0	0	46	792	0	0	522	262	0	0	0
105	Hill & 5th	300	494	0	98	472	32	0	292	38	0	0	0
106	Spring & 5th	190	807	0	0	397	187	0	0	0	0	0	0
107	Main & 5th	0	0	0	90	377	0	0	887	213	0	0	0
108	Figueroa & 2nd	22	183	35	14	117	26	80	574	75	151	204	34
109	Beaudry & 1st	79	168	31	32	322	33	68	213	47	30	390	47
110	Hope & 1st	22	141	157	101	363	50	56	118	16	103	538	72
111	Grand & 1st	77	400	168	216	405	118	272	114	42	162	491	82
112	Olive & 1st	0	0	0	0	398	44	249	0	252	280	639	0
113	Hill & 1st	72	427	56	22	369	138	28	265	19	71	567	105
114	Spring & 1st	112	701	13	2	352	34	0	0	0	49	472	32
115	Main & 1st	0	0	0	26	375	0	66	711	58	0	567	182
116	Hope & Temple/US-101 Ramps	46	182	243	152	308	55	79	137	24	108	463	165

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	310	635	0	0	676	173
118	Los Angeles & Aliso	0	292	89	0	0	0	68	175	0	77	817	85
119	Grand & I-110 On-Ramp/US-101 Ramps	363	419	0	0	0	0	0	324	330	341	0	90
120	Beaudry & Sunset	69	100	95	23	869	100	116	87	167	72	664	24
121	Figueroa & Cesar Chavez	72	94	54	118	1,031	70	212	465	192	86	722	95
122	Grand & Cesar Chavez	14	236	7	38	902	289	91	122	263	257	668	20
123	Spring & Cesar Chavez	112	309	9	75	947	279	30	10	8	144	546	1
124	Main & Cesar Chavez	0	0	0	103	1,043	0	162	533	190	0	531	51
125	Alameda & Cesar Chavez	149	866	88	68	707	155	106	692	228	223	421	52
126	Main & Alpine	111	184	33	56	301	0	15	355	99	19	116	55
127	Alameda & Alpine	95	226	79	88	188	70	79	284	73	123	70	45
128	Hill & Alpine	35	666	192	197	119	51	63	401	31	24	150	34
129	Hill & College	52	828	285	178	152	36	82	540	31	39	180	84
130	Sunset & Elysian Park	0	701	596	85	0	76	715	702	0	0	0	0
131	Glendale & Bellevue	0	789	91	125	0	349	264	614	0	0	0	0
132	Glendale & Temple	171	554	92	126	330	34	16	569	51	70	300	238
133	Alvarado & US 101 NB Ramps	386	798	0	93	0	256	0	753	255	0	0	0
134	Alvarado & US 101 SB Ramps	0	840	203	0	0	0	235	721	0	187	10	278
135	Alvarado & Beverly	80	884	14	59	435	63	40	761	28	40	487	85
136	Vermont & 6th	110	1,246	80	90	580	99	73	1,223	66	100	623	154
137	Alvarado & 6th	138	752	40	52	567	71	101	690	50	63	581	58
138	Western & Wilshire	88	851	86	84	689	153	141	871	96	104	667	117
139	Normandie & Wilshire	76	438	44	28	459	44	45	204	20	56	753	25
140	Vermont & Wilshire	105	1,312	58	83	697	73	35	1,109	138	125	516	178
141	Alvarado & Wilshire	109	692	41	91	604	63	95	728	23	26	477	76
142	Vermont & 8th	107	1,358	63	77	521	35	74	1,179	105	92	406	51
143	Alvarado & 8th	70	669	39	105	481	58	123	661	52	37	437	59
144	Western & Olympic	95	749	181	140	750	115	92	934	99	34	761	89
145	Normandie & Olympic	95	541	67	46	1,140	88	110	547	121	90	1,062	63
146	Vermont & Olympic	181	1,112	123	111	820	110	57	1,134	94	87	849	146
147	Alvarado & Olympic	128	589	104	84	820	113	103	613	69	45	819	99
148	Union & Olympic	96	415	64	75	827	51	22	429	78	50	851	55
149	Western & Pico	79	943	69	82	488	92	90	973	89	92	519	94
150	Normandie & Pico	55	712	38	59	531	108	149	671	48	69	499	36
151	Vermont & Pico	97	1,130	104	70	666	60	78	1,175	88	72	552	77
152	Alvarado & Pico	161	584	86	113	681	94	142	591	17	35	606	141
153	Pico & Union	104	424	46	49	789	54	36	464	62	55	775	54
154	Hoover & Alvarado	0	615	0	14	0	629	631	652	0	0	0	0
155	Western & Venice	56	861	43	51	384	87	68	1,015	76	52	402	61
156	Normandie & Venice	68	837	27	43	346	25	36	761	74	104	367	59

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

157	Vermont & Venice	80	1,171	65	66	339	58	120	1,159	46	41	366	76
158	Hoover & Venice	109	1,062	52	62	235	122	55	1,109	52	115	268	140
159	Western & Washington	45	1,055	64	90	383	101	89	1,152	76	97	415	74
160	Normandie & Washington	60	853	66	58	335	82	132	849	127	128	403	37
161	Vermont & Washington	49	1,169	57	86	462	104	109	1,112	69	40	406	97
162	Hoover & Washington	155	965	162	101	431	53	45	987	65	54	424	109
163	I-10 WB Ramp & 20th	0	0	0	0	40	593	338	0	44	22	43	0
164	Vermont & I-10 EB Ramps	0	783	497	0	0	0	213	1,005	0	307	0	341
165	I-10 EB Ramp & Hoover	0	731	262	0	0	0	281	716	0	243	0	489
166	Hill & Venice	19	312	16	10	197	13	17	175	32	15	180	6
167	Broadway & Venice	11	338	9	14	163	6	10	318	41	49	161	19
168	Main & Venice	26	327	10	14	138	5	8	336	26	32	112	24
169	Los Angeles & Venice	19	250	9	33	127	18	9	239	12	23	72	24
170	San Pedro & Venice	128	400	0	276	151	187	0	219	69	55	0	37
171	Central & Venice	155	464	0	178	168	201	0	326	160	0	0	0
172	Central & Washington	60	432	60	61	349	56	29	662	68	83	325	99
173	Wilton Place (ext. of Arlington) & Wilshire	110	587	30	52	788	101	53	660	64	43	707	127
174	Arlington & Olympic	106	522	82	52	748	46	69	520	61	70	930	101
175	Arlington & Pico	77	508	62	61	506	59	56	575	95	92	561	80
176	Arlington & Venice	49	605	29	33	428	56	46	650	50	74	413	35
177	Arlington & Washington	35	716	16	55	463	111	110	628	50	71	425	63
178													
179													
180													
181													
182													
183													

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

Future With Project (2038)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	43	2	8	169	893	99	200	50	40	151	1,395	303
2	Francisco & Olympic	34	3	44	262	1,142	265	11	2	9	125	1,356	132
3	Figueroa & Olympic	0	0	0	338	1,348	86	133	990	320	482	674	260
4	Flower & Olympic	575	906	128	0	1,151	204	0	0	0	80	710	0
5	Grand & Olympic	188	573	84	0	1,007	55	0	0	0	127	586	0
6	Olive & Olympic	0	0	0	59	686	0	149	511	374	0	569	114
7	Hill & Olympic	92	319	29	45	608	87	124	157	54	61	483	57
8	Broadway & Olympic	99	337	87	53	602	30	37	314	47	53	497	86
9	Main & Olympic	202	444	55	47	447	24	64	440	28	27	504	89
10	Los Angeles & Olympic	76	251	94	53	410	36	86	202	38	68	471	49
11	Santee & Olympic	117	65	19	31	334	22	68	66	30	104	505	34
12	Maple & Olympic	76	192	38	37	255	14	63	173	57	139	374	69
13	Maple & 9th	41	144	22	64	238	89	90	161	18	104	506	23
14	San Pedro & 9th	56	255	36	72	349	90	95	344	68	69	369	49
15	LA Live Way & Chick Hearn Ct	0	0	0	7	47	0	0	301	0	150	182	83
16	Figueroa & 11th	0	562	3	142	29	57	17	1,362	0	0	0	0
17	Flower & 11th	206	797	0	0	162	193	0	0	0	3	0	0
18	Grand & 11th	76	668	0	0	396	478	0	0	0	0	0	0
19	Olive & 11th	0	0	0	127	244	0	0	1,016	611	0	0	0
20	Figueroa & 12th	0	512	17	13	0	10	38	1,197	2	1	1	0
21	Flower & 12th	24	686	173	0	0	0	0	0	0	1	55	0
22	Grand & 12th	0	711	80	0	0	0	0	0	0	66	208	0
23	Olive & 12th	0	0	0	0	0	0	11	1,587	0	0	159	125
24	LA Live Way & Pico	174	0	0	95	430	0	564	701	677	0	520	0
25	LA Live Way & Bond	0	0	0	0	2	0	0	2,082	79	0	0	2
26	Figueroa & Pico	37	468	20	41	381	75	138	1,000	112	135	782	145
27	Flower & Pico	101	619	17	0	416	0	0	0	0	108	871	0
28	Grand & Pico	102	644	21	0	477	30	0	0	0	51	575	0
29	Olive & Pico	0	0	0	68	297	0	126	1,453	208	0	403	196
30	Hill & Pico	30	321	14	73	327	20	13	858	42	39	339	63
31	Broadway & Pico	40	326	11	20	264	16	24	359	113	22	300	57
32	Main & Pico	52	338	15	54	266	8	38	360	25	34	201	86
33	Blaine & Olympic	2	52	8	15	813	160	489	1	162	119	1,193	2
34	Blaine & SR 110 SB Off-Ramps	0	340	0	652	0	1,026	0	0	0	0	0	0
35	Blaine & 11th	49	891	431	0	216	49	0	0	0	152	0	0
36	Convention Center Drive & Venice	23	0	71	490	344	0	0	0	0	0	535	42

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

37	Figueroa & Venice	273	367	17	161	293	28	45	957	111	145	363	64
38	Flower & Venice	48	677	12	0	438	28	0	0	0	76	347	0
39	Grand & Venice	59	661	27	0	413	14	0	0	0	82	309	0
40	Olive & Venice	0	0	0	170	251	0	24	1,559	175	0	263	68
41	Grand & 17th	406	354	0	0	717	92	0	0	0	0	0	0
42	Olive & 17th	0	0	0	1,240	630	0	0	1,273	182	0	0	0
43	Hill & 17th	130	264	0	371	1,706	40	0	555	71	0	0	0
44	Broadway & 17th	71	381	0	150	1,987	78	0	389	69	0	0	0
45	Main & 17th	89	310	0	46	2,028	152	0	343	56	0	0	0
46	Los Angeles & 17th	291	251	0	294	1,911	48	0	109	19	0	0	0
47	Flower & 18th	0	505	6	0	0	0	0	0	0	6	115	0
48	Grand & 18th	0	310	157	0	0	0	124	0	0	131	844	0
49	Olive & 18th	0	0	0	0	0	0	14	750	0	0	432	700
50	Hill & 18th	0	243	59	0	0	0	18	477	0	31	378	146
51	Broadway & 18th	0	403	54	0	0	0	36	425	0	31	395	26
52	Main & 18th	0	420	46	0	0	0	166	360	0	31	311	47
53	Los Angeles & 18th	0	104	3	0	0	0	2	150	0	11	21	491
54	Figueroa & Washington	90	228	54	139	620	110	124	1,130	101	67	401	119
55	Flower & Washington	73	423	13	0	712	10	0	0	0	73	513	0
56	Grand & Washington	71	220	52	7	559	10	50	111	25	10	517	0
57	Olive & Washington	0	0	0	83	506	78	2	569	36	4	506	122
58	Hill & Washington	38	187	38	78	501	10	21	355	9	2	144	63
59	Broadway & Washington	93	286	48	57	478	41	60	400	20	7	185	9
60	Main & Washington	26	378	44	39	539	27	67	463	46	29	470	19
61	Los Angeles & Washington	43	72	36	54	461	7	15	69	6	11	385	38
62	San Pedro & Washington	41	381	44	33	428	54	40	576	95	64	374	117
63	Figueroa & Adams	91	755	110	270	486	210	84	1,071	160	140	243	110
64	Flower & Adams	56	462	0	91	922	0	0	0	0	147	326	0
65	I-110 NB Off General & Adams	517	0	284	0	440	0	399	0	315	0	332	0
66	Grand & Adams	35	175	31	22	388	28	30	48	14	16	1,106	122
67	Hill & Adams	21	177	21	49	387	13	37	472	20	34	581	548
68	Broadway & Adams	31	317	14	24	397	29	18	311	27	36	472	132
69	Main & Adams	21	404	28	38	358	37	49	505	54	33	403	57
70	Flower & Jefferson	101	450	33	0	561	51	0	0	0	205	384	0
71	Figueroa & Exposition	70	745	291	394	456	73	40	1,378	151	108	305	136
72	Flower & 37th Street	0	413	325	0	0	0	35	0	0	43	524	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	77	0	0	99	443	0	0	81	351
74	Hill & 37th Street	14	152	3	0	18	2	3	401	10	10	26	79
75	Broadway & 37th	3	425	3	1	1	1	0	375	9	17	7	12
76	Figueroa & 39th	118	458	65	140	17	71	29	656	57	11	6	33

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Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	61	33	157	0	145	82	44	0
78	Figueroa & MLK	126	325	119	162	1,159	132	110	503	84	97	1,248	167
79	I-110 SB Ramps & MLK	516	0	253	0	1,047	223	0	0	0	550	949	0
80	I-110 NB Ramps/Hill & MLK	78	98	13	28	822	148	121	235	360	386	644	30
81	Georgia & James Wood	0	0	0	0	0	0	29	471	0	12	1,260	179
82	Francisco & 9th	0	0	74	0	0	0	0	0	0	0	2,400	569
83	Figueroa & 9th	0	0	0	0	0	0	183	1,377	0	0	1,614	822
84	Flower & 9th	0	1,017	139	0	0	0	0	0	0	489	1,332	0
85	Broadway & 9th	0	404	72	0	0	0	28	426	0	125	765	173
86	Bixel & 8th	46	755	0	106	557	372	0	0	0	0	0	0
87	Francisco & 8th	9	5	0	17	1,824	456	0	0	280	0	0	0
88	Figueroa & 8th	0	0	0	471	1,542	0	0	1,259	731	0	0	0
89	Flower & 8th	594	1,152	0	0	1,388	151	0	0	0	0	0	0
90	Hill & 8th	240	581	0	65	901	88	0	226	21	0	0	0
91	Broadway & 8th	125	470	0	106	833	19	0	508	93	0	0	0
92	Bixel & Wilshire	33	228	8	28	548	58	39	59	26	101	650	57
93	Figueroa & Wilshire	0	0	0	98	224	0	160	1,038	129	0	584	281
94	Lucas & 6th	80	311	206	74	418	9	38	141	29	28	586	76
95	Bixel & 6th	31	91	28	32	472	39	41	53	20	96	760	35
96	Figueroa & 6th	0	0	0	0	0	0	124	1,307	0	0	2,256	275
97	Flower & 6th	0	997	177	0	0	0	0	0	0	868	1,531	0
98	Grand & 6th	0	881	106	0	0	0	0	0	0	282	1,190	0
99	Hill & 6th	0	666	76	0	0	0	76	306	0	251	876	28
100	Spring & 6th	0	1,080	162	0	0	0	0	0	0	166	855	0
101	Main & 6th	0	0	0	0	0	0	125	799	0	0	716	274
102	Figueroa & 5th	0	0	0	248	1,021	0	0	968	671	0	0	0
103	Grand & 5th	185	662	0	44	1,092	312	0	0	0	0	0	0
104	Olive & 5th	141	0	0	47	1,026	0	0	530	262	0	0	0
105	Hill & 5th	403	707	0	98	603	40	0	292	38	0	0	0
106	Spring & 5th	330	1,003	0	0	397	187	0	0	0	0	0	0
107	Main & 5th	0	0	0	90	377	0	0	887	213	0	0	0
108	Figueroa & 2nd	22	183	35	14	117	26	80	574	75	151	222	34
109	Beaudry & 1st	79	168	31	32	322	33	68	213	47	30	419	47
110	Hope & 1st	22	486	177	101	363	50	56	118	16	103	567	72
111	Grand & 1st	77	763	168	216	405	123	272	114	42	191	511	82
112	Olive & 1st	0	0	0	0	403	44	249	0	252	280	659	0
113	Hill & 1st	77	732	56	22	369	138	28	265	19	91	567	105
114	Spring & 1st	112	1,049	13	2	352	34	0	0	0	49	472	32
115	Main & 1st	0	0	0	26	375	0	66	711	58	0	567	182
116	Hope & Temple/US-101 Ramps	46	547	262	152	308	55	79	137	24	108	463	165

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Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	310	635	0	0	676	173
118	Los Angeles & Aliso	0	292	89	0	0	0	68	175	0	77	817	85
119	Grand & I-110 On-Ramp/US-101 Ramps	363	470	0	0	0	0	0	324	330	647	0	90
120	Beaudry & Sunset	69	100	95	23	869	100	116	87	167	72	715	24
121	Figueroa & Cesar Chavez	72	94	54	118	1,031	70	212	465	192	86	773	95
122	Grand & Cesar Chavez	14	236	7	38	902	289	91	122	263	308	668	20
123	Spring & Cesar Chavez	112	387	9	75	947	279	30	10	8	144	546	1
124	Main & Cesar Chavez	0	0	0	103	1,043	0	162	533	190	0	531	51
125	Alameda & Cesar Chavez	149	866	88	68	707	155	106	692	228	223	421	52
126	Main & Alpine	150	184	33	56	301	0	15	355	99	19	116	55
127	Alameda & Alpine	134	226	79	88	227	70	79	284	73	123	70	45
128	Hill & Alpine	35	963	192	197	119	51	63	401	31	24	150	34
129	Hill & College	52	1,125	285	178	152	36	82	540	31	39	180	84
130	Sunset & Elysian Park	0	752	596	85	0	76	715	702	0	0	0	0
131	Glendale & Bellevue	0	931	91	125	0	349	264	614	0	0	0	0
132	Glendale & Temple	171	711	92	126	330	34	16	569	51	272	300	238
133	Alvarado & US 101 NB Ramps	386	801	0	93	0	256	0	753	255	0	0	0
134	Alvarado & US 101 SB Ramps	0	843	203	0	0	0	235	721	0	242	10	278
135	Alvarado & Beverly	80	942	14	59	435	63	40	761	28	40	487	85
136	Vermont & 6th	110	1,291	80	90	580	99	73	1,223	66	100	623	154
137	Alvarado & 6th	138	797	52	52	567	71	101	690	50	63	581	58
138	Western & Wilshire	88	892	90	84	689	153	143	871	96	104	700	117
139	Normandie & Wilshire	76	448	45	28	459	44	45	204	20	56	791	25
140	Vermont & Wilshire	105	1,353	62	83	697	73	37	1,109	138	125	556	178
141	Alvarado & Wilshire	109	737	41	91	604	63	95	728	23	38	512	76
142	Vermont & 8th	107	1,399	63	77	521	35	74	1,181	105	92	406	51
143	Alvarado & 8th	70	684	82	105	481	58	123	661	52	37	437	59
144	Western & Olympic	95	772	199	140	750	115	101	936	99	34	917	89
145	Normandie & Olympic	95	547	72	46	1,140	88	112	547	121	90	1,246	63
146	Vermont & Olympic	181	1,135	141	111	820	110	88	1,136	94	87	1,040	146
147	Alvarado & Olympic	128	599	109	84	820	113	321	613	69	92	1,025	99
148	Union & Olympic	96	415	64	75	827	159	22	477	78	50	1,279	55
149	Western & Pico	79	962	73	82	488	92	92	984	89	92	552	94
150	Normandie & Pico	55	717	39	59	531	108	149	674	48	69	538	36
151	Vermont & Pico	97	1,149	108	70	666	60	165	1,208	88	72	593	77
152	Alvarado & Pico	161	584	142	113	681	89	385	676	17	35	606	274
153	Pico & Union	104	472	46	49	783	54	36	464	62	55	1,074	54
154	Hoover & Alvarado	0	619	0	14	0	624	960	663	0	0	0	0
155	Western & Venice	56	872	51	51	384	87	72	1,028	76	52	504	61
156	Normandie & Venice	68	840	29	43	346	25	37	764	74	104	481	59

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Peak Hour Traffic Volumes

157	Vermont & Venice	80	1,182	73	66	339	58	124	1,279	46	41	483	76
158	Hoover & Venice	109	1,059	54	62	235	122	104	1,415	52	115	363	174
159	Western & Washington	45	1,055	75	90	384	101	94	1,169	76	97	541	74
160	Normandie & Washington	60	853	69	58	336	82	133	853	127	128	546	37
161	Vermont & Washington	49	1,169	68	86	463	104	114	1,236	69	40	553	97
162	Hoover & Washington	155	960	164	101	432	53	49	1,308	65	54	553	143
163	I-10 WB Ramp & 20th	0	0	0	0	40	588	338	0	44	22	43	0
164	Vermont & I-10 EB Ramps	0	783	497	0	0	0	213	1,028	0	307	0	448
165	I-10 EB Ramp & Hoover	0	731	262	0	0	0	281	735	0	243	0	796
166	Hill & Venice	19	312	16	171	439	13	17	861	32	45	183	59
167	Broadway & Venice	11	337	9	14	522	26	10	439	86	50	163	19
168	Main & Venice	38	327	10	14	505	6	8	336	26	32	112	25
169	Los Angeles & Venice	19	250	9	33	495	217	9	239	12	23	72	24
170	San Pedro & Venice	128	400	0	280	718	187	0	219	69	55	0	37
171	Central & Venice	173	463	0	178	351	201	0	404	165	0	0	0
172	Central & Washington	61	430	60	74	395	56	29	732	99	85	326	99
173	Wilton Place (ext. of Arlington) & Wilshire	110	587	30	52	788	101	53	660	64	43	740	127
174	Arlington & Olympic	106	522	82	52	748	46	69	520	61	70	1,086	101
175	Arlington & Pico	77	508	62	61	506	59	56	575	95	92	594	80
176	Arlington & Venice	49	605	29	33	428	56	46	650	50	74	515	35
177	Arlington & Washington	35	716	16	55	464	111	110	628	50	71	551	63
178													
179													
180													
181													
182													
183													

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

Existing Plus Project (2011)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	13	2	8	113	677	60	133	28	11	120	1,218	260
2	Francisco & Olympic	34	3	4	226	830	264	11	2	9	124	1,114	131
3	Figueroa & Olympic	0	0	0	283	1,121	60	84	520	198	387	501	247
4	Flower & Olympic	540	379	107	0	879	193	0	0	0	68	501	0
5	Grand & Olympic	134	285	27	0	783	44	0	0	0	84	411	0
6	Olive & Olympic	0	0	0	14	529	0	107	215	298	0	399	51
7	Hill & Olympic	70	151	26	36	466	22	17	68	15	23	358	39
8	Broadway & Olympic	69	226	73	51	440	30	37	248	22	14	355	33
9	Main & Olympic	158	269	44	38	328	22	60	250	26	27	383	52
10	Los Angeles & Olympic	75	222	93	52	289	36	85	188	33	64	349	48
11	Santee & Olympic	116	64	17	30	214	22	67	65	30	103	382	34
12	Maple & Olympic	75	190	38	37	138	14	62	169	54	133	255	68
13	Maple & 9th	41	142	22	63	235	88	89	157	18	103	351	23
14	San Pedro & 9th	55	252	36	69	345	89	94	337	67	66	217	48
15	LA Live Way & Chick Hearn Ct	0	0	0	5	41	0	0	297	0	143	182	82
16	Figueroa & 11th	0	442	3	96	0	56	17	697	0	0	0	0
17	Flower & 11th	187	266	0	0	103	14	0	0	0	20	0	0
18	Grand & 11th	53	349	0	0	155	310	0	0	0	0	0	0
19	Olive & 11th	0	0	0	81	107	0	0	648	355	0	0	0
20	Figueroa & 12th	0	456	9	13	0	10	8	696	2	1	1	0
21	Flower & 12th	24	221	57	0	0	0	0	0	0	1	17	0
22	Grand & 12th	0	315	50	0	0	0	0	0	0	29	50	0
23	Olive & 12th	0	0	0	0	0	0	11	1,048	0	0	61	36
24	LA Live Way & Pico	174	0	0	94	330	0	497	701	670	0	432	0
25	LA Live Way & Bond	0	0	0	0	2	0	0	2,004	79	0	0	2
26	Figueroa & Pico	15	453	14	38	309	43	120	574	106	125	681	82
27	Flower & Pico	77	143	2	0	331	13	0	0	0	99	709	0
28	Grand & Pico	67	256	11	0	424	14	0	0	0	36	423	0
29	Olive & Pico	0	0	0	63	243	0	95	987	192	0	310	127
30	Hill & Pico	21	151	8	64	283	19	11	779	38	16	247	55
31	Broadway & Pico	32	202	11	20	218	16	24	291	113	22	217	40
32	Main & Pico	44	215	15	52	228	8	38	245	25	34	156	48
33	Blaine & Olympic	2	51	8	15	577	118	415	1	139	115	1,024	2
34	Blaine & SR 110 SB Off-Ramps	0	292	0	556	0	985	0	0	0	0	0	0
35	Blaine & 11th	48	843	391	0	39	0	0	0	0	150	0	0
36	Convention Center Drive & Venice	23	0	70	475	282	0	0	0	0	0	480	42

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

37	Figueroa & Venice	246	324	13	142	247	27	43	635	110	143	315	58
38	Flower & Venice	32	210	10	0	387	21	0	0	0	56	314	0
39	Grand & Venice	36	266	26	0	383	14	0	0	0	67	283	0
40	Olive & Venice	0	0	0	167	233	0	24	1,116	164	0	257	47
41	Grand & 17th	168	182	0	0	595	83	0	0	0	0	0	0
42	Olive & 17th	0	0	0	1,102	517	0	0	957	164	0	0	0
43	Hill & 17th	81	130	0	364	1,515	27	0	478	60	0	0	0
44	Broadway & 17th	58	266	0	143	1,788	71	0	318	68	0	0	0
45	Main & 17th	73	204	0	27	1,836	43	0	247	51	0	0	0
46	Los Angeles & 17th	284	226	0	277	1,600	47	0	105	19	0	0	0
47	Flower & 18th	0	116	6	0	0	0	0	0	0	6	74	0
48	Grand & 18th	0	177	109	0	0	0	123	0	0	111	589	0
49	Olive & 18th	0	0	0	0	0	0	14	623	0	0	334	493
50	Hill & 18th	0	121	35	0	0	0	18	396	0	31	286	140
51	Broadway & 18th	0	296	39	0	0	0	26	354	0	20	289	26
52	Main & 18th	0	221	30	0	0	0	75	274	0	26	202	32
53	Los Angeles & 18th	0	103	3	0	0	0	2	146	0	11	21	275
54	Figueroa & Washington	77	216	53	129	532	75	91	738	91	64	371	108
55	Flower & Washington	38	73	9	0	616	10	0	0	0	70	454	0
56	Grand & Washington	57	100	35	7	478	8	48	110	25	10	453	0
57	Olive & Washington	0	0	0	81	421	78	2	456	23	4	435	110
58	Hill & Washington	25	85	31	63	428	10	21	294	9	2	82	58
59	Broadway & Washington	93	186	32	51	392	35	53	328	20	7	119	5
60	Main & Washington	23	186	36	31	445	27	55	297	45	29	380	17
61	Los Angeles & Washington	42	71	36	53	387	7	15	68	6	11	314	36
62	San Pedro & Washington	41	376	43	33	363	53	38	569	84	55	308	116
63	Figueroa & Adams	82	572	95	228	471	155	77	670	148	134	233	107
64	Flower & Adams	24	80	0	84	842	0	0	0	0	145	295	0
65	I-110 NB Off General & Adams	509	0	275	0	380	0	356	0	296	0	294	0
66	Grand & Adams	35	60	31	22	329	28	30	48	14	16	1,025	121
67	Hill & Adams	19	84	21	48	331	13	37	367	20	34	515	534
68	Broadway & Adams	23	219	14	24	350	29	18	239	26	33	416	124
69	Main & Adams	19	214	28	38	313	37	48	345	53	33	361	42
70	Flower & Jefferson	24	170	25	0	411	50	0	0	0	163	261	0
71	Figueroa & Exposition	69	641	198	341	434	63	34	1,040	149	107	287	134
72	Flower & 37th Street	0	144	282	0	0	0	35	0	0	42	406	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	75	0	0	98	381	0	0	79	292
74	Hill & 37th Street	14	59	3	0	17	2	3	296	10	10	25	79
75	Broadway & 37th	3	314	3	1	1	1	0	293	8	16	7	12
76	Figueroa & 39th	117	371	44	115	17	70	29	345	56	11	6	33

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	60	33	157	0	120	61	43	0
78	Figueroa & MLK	124	267	91	129	1,144	123	108	227	82	94	1,232	164
79	I-110 SB Ramps & MLK	504	0	250	0	1,000	220	0	0	0	543	908	0
80	I-110 NB Ramps/Hill & MLK	77	6	13	28	778	146	120	131	356	381	607	30
81	Georgia & James Wood	0	0	0	0	0	0	24	368	0	12	913	157
82	Francisco & 9th	0	0	11	0	0	0	0	0	0	0	1,844	506
83	Figueroa & 9th	0	0	0	0	0	0	113	841	0	0	1,068	750
84	Flower & 9th	0	615	131	0	0	0	0	0	0	363	841	0
85	Broadway & 9th	0	335	70	0	0	0	28	305	0	39	551	88
86	Bixel & 8th	45	546	0	105	416	272	0	0	0	0	0	0
87	Francisco & 8th	0	0	0	0	1,383	390	0	0	235	0	0	0
88	Figueroa & 8th	0	0	0	449	1,230	0	0	862	518	0	0	0
89	Flower & 8th	588	791	0	0	1,061	102	0	0	0	0	0	0
90	Hill & 8th	183	437	0	54	609	58	0	128	15	0	0	0
91	Broadway & 8th	74	399	0	95	600	19	0	352	43	0	0	0
92	Bixel & Wilshire	24	170	8	11	445	46	39	49	26	85	562	19
93	Figueroa & Wilshire	0	0	0	97	167	0	159	665	87	0	508	199
94	Lucas & 6th	73	247	176	7	231	6	8	80	21	22	405	72
95	Bixel & 6th	20	80	24	26	207	32	18	37	18	86	494	20
96	Figueroa & 6th	0	0	0	0	0	0	89	885	0	0	1,803	147
97	Flower & 6th	0	733	175	0	0	0	0	0	0	691	1,219	0
98	Grand & 6th	0	673	96	0	0	0	0	0	0	234	917	0
99	Hill & 6th	0	467	48	0	0	0	75	188	0	213	623	28
100	Spring & 6th	0	760	121	0	0	0	0	0	0	142	608	0
101	Main & 6th	0	0	0	0	0	0	94	451	0	0	518	184
102	Figueroa & 5th	0	0	0	219	693	0	0	689	399	0	0	0
103	Grand & 5th	175	539	0	40	699	232	0	0	0	0	0	0
104	Olive & 5th	100	0	0	38	619	0	0	284	232	0	0	0
105	Hill & 5th	193	495	0	62	399	26	0	175	37	0	0	0
106	Spring & 5th	187	673	0	0	248	156	0	0	0	0	0	0
107	Main & 5th	0	0	0	81	233	0	0	484	177	0	0	0
108	Figueroa & 2nd	22	181	33	14	100	26	75	381	55	141	199	34
109	Beaudry & 1st	58	129	31	32	157	31	45	160	45	30	240	26
110	Hope & 1st	22	433	131	65	200	33	55	100	16	84	354	64
111	Grand & 1st	59	667	61	114	229	111	14	56	19	160	282	81
112	Olive & 1st	0	0	0	0	286	24	162	0	80	33	373	0
113	Hill & 1st	76	594	55	22	232	16	23	139	19	41	275	76
114	Spring & 1st	42	653	10	2	161	22	0	0	0	25	236	32
115	Main & 1st	0	0	0	23	195	0	47	259	34	0	444	63
116	Hope & Temple/US-101 Ramps	45	491	201	116	276	51	78	77	24	67	373	133

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	100	272	0	0	370	118
118	Los Angeles & Aliso	0	271	88	0	0	0	16	162	0	24	420	20
119	Grand & I-110 On-Ramp/US-101 Ramps	272	352	0	0	0	0	0	229	167	523	0	58
120	Beaudry & Sunset	57	58	32	23	766	68	87	45	165	71	619	24
121	Figueroa & Cesar Chavez	71	71	53	64	899	69	192	299	186	79	600	85
122	Grand & Cesar Chavez	14	123	7	38	780	224	79	36	233	276	536	20
123	Spring & Cesar Chavez	90	177	9	74	842	266	30	10	8	124	461	1
124	Main & Cesar Chavez	0	0	0	35	946	0	143	173	169	0	447	50
125	Alameda & Cesar Chavez	147	726	64	67	611	153	105	605	225	220	321	51
126	Main & Alpine	99	182	33	55	257	0	15	107	3	19	78	47
127	Alameda & Alpine	133	172	61	72	113	23	51	258	56	86	38	44
128	Hill & Alpine	35	846	95	132	118	50	62	254	31	24	148	34
129	Hill & College	51	912	225	109	150	36	81	330	31	39	178	83
130	Sunset & Elysian Park	0	656	589	84	0	75	706	590	0	0	0	0
131	Glendale & Bellevue	0	858	90	124	0	329	164	507	0	0	0	0
132	Glendale & Temple	151	621	90	91	294	34	16	400	46	257	266	233
133	Alvarado & US 101 NB Ramps	264	725	0	75	0	234	0	625	248	0	0	0
134	Alvarado & US 101 SB Ramps	0	745	177	0	0	0	229	636	0	235	10	203
135	Alvarado & Beverly	79	851	14	58	251	62	38	682	28	40	294	84
136	Vermont & 6th	104	1,083	79	89	384	94	63	1,007	60	93	466	144
137	Alvarado & 6th	119	723	52	51	383	52	92	613	49	62	436	54
138	Western & Wilshire	87	806	89	83	623	133	121	771	91	94	643	116
139	Normandie & Wilshire	75	424	40	16	392	34	39	183	19	54	729	25
140	Vermont & Wilshire	77	1,163	58	79	629	70	37	943	94	39	485	116
141	Alvarado & Wilshire	108	646	41	88	551	41	77	643	23	38	467	75
142	Vermont & 8th	95	1,192	50	70	394	35	73	1,020	98	85	294	39
143	Alvarado & 8th	68	559	82	102	332	57	122	563	51	37	285	57
144	Western & Olympic	94	668	188	134	599	110	91	814	98	34	769	88
145	Normandie & Olympic	72	520	68	43	957	80	107	517	79	71	1,097	52
146	Vermont & Olympic	168	948	128	100	653	108	86	987	78	68	895	139
147	Alvarado & Olympic	125	482	103	78	643	84	300	522	68	91	869	98
148	Union & Olympic	95	409	63	64	618	112	22	471	77	49	1,098	54
149	Western & Pico	74	856	72	81	395	91	91	862	88	91	474	84
150	Normandie & Pico	53	667	36	51	438	107	147	606	47	68	460	35
151	Vermont & Pico	95	944	107	69	566	59	164	1,044	87	71	513	75
152	Alvarado & Pico	155	445	141	112	585	88	369	571	17	35	530	267
153	Pico & Union	103	447	44	47	685	46	36	458	61	54	982	53
154	Hoover & Alvarado	0	596	0	14	0	483	841	586	0	0	0	0
155	Western & Venice	55	767	50	50	343	86	71	905	75	51	470	60
156	Normandie & Venice	67	789	29	42	305	25	37	695	73	103	447	58

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

157	Vermont & Venice	79	976	72	65	298	57	123	1,114	45	41	449	75
158	Hoover & Venice	108	897	53	61	196	99	102	1,221	51	114	330	172
159	Western & Washington	44	948	74	89	300	100	93	1,045	75	96	462	73
160	Normandie & Washington	59	801	68	57	253	81	131	783	125	126	467	37
161	Vermont & Washington	48	963	67	85	378	103	113	1,072	68	40	474	96
162	Hoover & Washington	153	789	150	86	348	52	48	1,127	64	53	474	142
163	I-10 WB Ramp & 20th	0	0	0	0	40	487	281	0	43	22	42	0
164	Vermont & I-10 EB Ramps	0	702	441	0	0	0	210	905	0	246	0	382
165	I-10 EB Ramp & Hoover	0	633	258	0	0	0	278	638	0	222	0	740
166	Hill & Venice	13	130	10	168	424	13	17	778	32	45	178	59
167	Broadway & Venice	10	212	9	14	514	26	10	371	78	47	154	19
168	Main & Venice	36	206	10	14	499	6	8	221	26	32	104	25
169	Los Angeles & Venice	19	219	9	33	490	217	9	219	12	23	71	24
170	San Pedro & Venice	126	395	0	277	712	185	0	216	68	54	0	37
171	Central & Venice	171	411	0	176	345	199	0	370	163	0	0	0
172	Central & Washington	58	339	32	57	332	55	29	623	98	84	263	94
173	Wilton Place (ext. of Arlington) & Wilshire	109	580	30	51	717	100	52	652	63	42	673	125
174	Arlington & Olympic	105	516	81	51	597	45	68	514	60	69	936	100
175	Arlington & Pico	76	502	61	60	409	58	55	568	94	91	506	79
176	Arlington & Venice	48	598	29	33	386	55	45	642	49	73	480	35
177	Arlington & Washington	35	707	16	54	379	110	109	621	49	70	472	62
178													
179													
180													
181													
182													
183													

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday - Post-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

EXISTING CONDITIONS (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
Grand Avenue										
- North of 1st St.	70	10	45	35	638	6,380	0	0	66.8	65.9
- South of 1st St.	70	10	45	35	597	5,970	0	0	66.6	65.6
- North of 11th St.	70	10	45	35	333	3,330	0	0	64.0	63.0
- Between 11th and 12th St.	50	10	35	35	311	3,110	0	0	64.9	64.0
- Between 12th St. and Venice Ave.	50	10	35	35	350	3,500	0	0	65.4	64.5
- Between Venice Ave. and 17th St.	50	10	35	35	389	3,890	0	0	65.9	64.9
- Between 17th St. and Washington Ave.	50	10	35	35	251	2,510	0	0	64.0	63.0
- South of Washington Ave.	50	10	35	35	264	2,640	0	0	64.2	63.2
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	905	9,050	0	0	68.4	67.4
- Between 5th St. and Wilshire Blvd.	70	10	45	35	1,065	10,650	0	0	69.1	68.1
- Between Wilshire Blvd. and 9th St.	70	10	45	35	868	8,680	0	0	68.2	67.2
- Between 9th St. and Olympic Blvd.	70	10	45	35	777	7,770	0	0	67.7	66.7
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	961	9,610	0	0	68.6	67.7
- South of Pico Blvd.	70	10	45	35	1,106	11,060	0	0	69.2	68.3
Flower Street										
- North of 6th St.	70	10	45	35	382	3,820	0	0	64.6	63.6
- Between 6th St. and 8th St.	60	10	40	35	642	6,420	0	0	67.5	66.5
- Between 8th and Pico Blvd.	60	10	40	35	413	4,130	0	0	65.6	64.6
- South of Pico Blvd.	40	10	30	35	376	3,760	0	0	66.6	65.6
- South of 18th St.	40	10	30	35	148	1,480	0	0	62.5	61.5
Hope Street										
- North of 1st St.	60	10	40	35	535	5,350	0	0	66.7	65.7
- South of 1st St.	70	10	45	35	616	6,160	0	0	66.7	65.7
1st Street										

EXISTING CONDITIONS (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- Between Hope St. and Grand Ave.	80	10	50	35	805	8,050	0	0	67.5	66.5
2nd Street										
- West of Figueroa St.	80	10	50	35	577	5,770	0	0	66.0	65.0
- East of Figueroa St.	70	10	45	35	496	4,960	0	0	65.8	64.8
6th Street										
- West of Lucas Ave.	40	10	30	35	829	8,290	0	0	70.0	69.0
- Between Lucas Ave. & Bixel St.	40	10	30	35	725	7,250	0	0	69.4	68.4
- East of Bixel St.	40	10	30	35	677	6,770	0	0	69.1	68.1
- East of Flower St.	40	10	30	35	572	5,720	0	0	68.4	67.4
- West of Main St.	40	10	30	35	514	5,140	0	0	67.9	66.9
- East of Main St.	40	10	30	35	389	3,890	0	0	66.7	65.7
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	1,756	17,560	0	0	70.8	69.9
- Between Alvarado St. & Union Ave.	80	10	50	35	1,594	15,940	0	0	70.4	69.4
- Between Union Ave. & Blaine St.	80	10	50	35	1,342	13,420	0	0	69.7	68.7
- Between Blaine St. & Georgia St.	80	10	50	35	1,315	13,150	0	0	69.6	68.6
- Between George St. & Francisco St.	80	10	50	35	1,322	13,220	0	0	69.6	68.6
- Between Francisco St. & Figueroa St.	80	10	50	35	1,355	13,550	0	0	69.7	68.7
- Between Figueroa St. & Flower St.	70	10	45	35	1,229	12,290	0	0	69.7	68.7
- East of Flower St.	70	10	45	35	1,009	10,090	0	0	68.8	67.9
W. 11th Street										
- West of Blaine St.	40	10	30	35	340	3,400	0	0	66.1	65.1
- Between Blaine St. & LA Live Wy.	40	10	30	35	445	4,450	0	0	67.3	66.3
- East of LA Live Wy.	60	10	40	35	205	2,050	0	0	62.5	61.5
- West of Grand Ave.	40	10	30	35	188	1,880	0	0	63.5	62.6
- East of Grand Ave.	40	10	30	35	161	1,610	0	0	62.9	61.9
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,388	13,880	0	0	70.8	69.8
- Between Alvarado St. & Union Ave.	60	10	40	35	1,514	15,140	0	0	71.2	70.2
- Between Union Ave. & Figueroa St.	60	10	40	35	1,247	12,470	0	0	70.4	69.4
- Between Figueroa & Flower St.	70	10	45	35	886	8,860	0	0	68.3	67.3
- East of Hill St.	50	10	35	35	420	4,200	0	0	66.2	65.3
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	470	4,700	0	0	67.3	66.3
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	498	4,980	0	0	67.6	66.6
Venice Boulevard										
- East of Olive St.	40	10	30	35	305	3,050	0	0	65.6	64.7
W. 12th Street										

EXISTING CONDITIONS (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- West of Grand Ave.	40	10	30	35	74	740	0	0	59.5	58.5
E. 17th Street										
- West of Grand Ave.	40	10	30	35	622	6,220	0	0	68.7	67.8
W. 18th Street										
- West of Flower St.	40	10	30	35	36	360	0	0	56.4	55.4
- West of Grand Ave.	40	10	30	35	31	310	0	0	55.7	54.7
Washington Boulevard										
- West of Flower St.	80	10	50	35	926	9,260	0	0	68.1	67.1
- Between Flower St. & Grand Ave.	80	10	50	35	774	7,740	0	0	67.3	66.3
- Between Grand Ave. & Los Angeles St.	80	10	50	35	669	6,690	0	0	66.7	65.7
- East of Los Angeles St.	80	10	50	35	620	6,200	0	0	66.3	65.3
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	337	3,370	0	0	64.1	63.1
- East of I-110 Fwy.	50	10	35	35	202	2,020	0	0	63.1	62.1
Alvarado Street										
- North of 8th St.	60	10	40	35	1,697	16,970	0	0	71.7	70.7
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,573	15,730	0	0	71.4	70.4
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,458	14,580	0	0	71.0	70.1
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,340	13,400	0	0	70.7	69.7
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,275	12,750	0	0	71.7	70.7
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,252	12,520	0	0	71.6	70.6
- South of Pico Blvd.	40	10	30	30	1,192	11,920	0	0	71.4	70.4
Lucas Ave.										
- North of 6th St.	40	10	30	30	345	3,450	0	0	66.0	65.0
- South of 6th St.	40	10	30	30	240	2,400	0	0	64.4	63.4
Bixel Street										
- North of 8th St.	40	10	30	30	212	2,120	0	0	63.9	62.9
- Between 8th St. & Wilshire Blvd.	40	10	30	30	271	2,710	0	0	64.9	64.0
- Between Wilshire Blvd. & 6th St.	40	10	30	30	619	6,190	0	0	68.5	67.5
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,292	12,920	0	0	71.1	70.1
- Between Flower St. & Grand Ave.	50	10	35	35	972	9,720	0	0	69.9	68.9
- Between Grand Ave. and Main St.	50	10	35	35	774	7,740	0	0	68.9	67.9
- East of Main St.	50	10	35	35	739	7,390	0	0	68.7	67.7
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	970	9,700	0	0	69.9	68.9
- Between Bixel St. & Figueroa St.	50	10	35	35	841	8,410	0	0	69.2	68.3

EXISTING CONDITIONS (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	600	6,000	0	0	67.8	66.8

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday - Post-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
Grand Avenue										
- North of 1st St.	70	10	45	35	1,038	10,380	0	0	69.0	68.0
- South of 1st St.	70	10	45	35	1,078	10,780	0	0	69.1	68.2
- North of 11th St.	70	10	45	35	707	7,070	0	0	67.3	66.3
- Between 11th and 12th St.	50	10	35	35	788	7,880	0	0	69.0	68.0
- Between 12th St. and Venice Ave.	50	10	35	35	818	8,180	0	0	69.1	68.2
- Between Venice Ave. and 17th St.	50	10	35	35	824	8,240	0	0	69.2	68.2
- Between 17th St. and Washington Ave.	50	10	35	35	426	4,260	0	0	66.3	65.3
- South of Washington Ave.	50	10	35	35	395	3,950	0	0	66.0	65.0
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	1,182	11,820	0	0	69.5	68.6
- Between 5th St. and Wilshire Blvd.	70	10	45	35	1,570	15,700	0	0	70.8	69.8
- Between Wilshire Blvd. and 9th St.	70	10	45	35	1,392	13,920	0	0	70.2	69.3
- Between 9th St. and Olympic Blvd.	70	10	45	35	1,381	13,810	0	0	70.2	69.2
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	1,602	16,020	0	0	70.8	69.9
- South of Pico Blvd.	70	10	45	35	1,629	16,290	0	0	70.9	69.9
Flower Street										
- North of 6th St.	70	10	45	35	640	6,400	0	0	66.9	65.9
- Between 6th St. and 8th St.	60	10	40	35	1,051	10,510	0	0	69.6	68.6
- Between 8th and Pico Blvd.	60	10	40	35	859	8,590	0	0	68.7	67.8
- South of Pico Blvd.	40	10	30	35	807	8,070	0	0	69.9	68.9
- South of 18th St.	40	10	30	35	492	4,920	0	0	67.7	66.7
Hope Street										
- North of 1st St.	60	10	40	35	711	7,110	0	0	67.9	66.9
- South of 1st St.	70	10	45	35	742	7,420	0	0	67.5	66.5
1st Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- Between Hope St. and Grand Ave.	80	10	50	35	1,317	13,170	0	0	69.6	68.6
2nd Street										
- West of Figueroa St.	80	10	50	35	642	6,420	0	0	66.5	65.5
- East of Figueroa St.	70	10	45	35	551	5,510	0	0	66.2	65.2
6th Street										
- West of Lucas Ave.	40	10	30	35	1,208	12,080	0	0	71.6	70.6
- Between Lucas Ave. & Bixel St.	40	10	30	35	1,250	12,500	0	0	71.8	70.8
- East of Bixel St.	40	10	30	35	1,232	12,320	0	0	71.7	70.7
- East of Flower St.	40	10	30	35	851	8,510	0	0	70.1	69.1
- West of Main St.	40	10	30	35	750	7,500	0	0	69.6	68.6
- East of Main St.	40	10	30	35	560	5,600	0	0	68.3	67.3
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	2,107	21,070	0	0	71.6	70.7
- Between Alvarado St. & Union Ave.	80	10	50	35	2,014	20,140	0	0	71.4	70.5
- Between Union Ave. & Blaine St.	80	10	50	35	1,761	17,610	0	0	70.9	69.9
- Between Blaine St. & Georgia St.	80	10	50	35	1,841	18,410	0	0	71.1	70.1
- Between George St. & Francisco St.	80	10	50	35	1,773	17,730	0	0	70.9	69.9
- Between Francisco St. & Figueroa St.	80	10	50	35	1,880	18,800	0	0	71.1	70.2
- Between Figueroa St. & Flower St.	70	10	45	35	1,747	17,470	0	0	71.2	70.2
- East of Flower St.	70	10	45	35	1,505	15,050	0	0	70.6	69.6
W. 11th Street										
- West of Blaine St.	40	10	30	35	355	3,550	0	0	66.3	65.3
- Between Blaine St. & LA Live Wy.	40	10	30	35	595	5,950	0	0	68.5	67.6
- East of LA Live Wy.	60	10	40	35	376	3,760	0	0	65.2	64.2
- West of Grand Ave.	40	10	30	35	504	5,040	0	0	67.8	66.8
- East of Grand Ave.	40	10	30	35	581	5,810	0	0	68.4	67.5
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,571	15,710	0	0	71.4	70.4
- Between Alvarado St. & Union Ave.	60	10	40	35	1,707	17,070	0	0	71.7	70.7
- Between Union Ave. & Figueroa St.	60	10	40	35	1,474	14,740	0	0	71.1	70.1
- Between Figueroa & Flower St.	70	10	45	35	1,113	11,130	0	0	69.3	68.3
- East of Hill St.	50	10	35	35	555	5,550	0	0	67.4	66.5
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	622	6,220	0	0	68.5	67.6
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	626	6,260	0	0	68.6	67.6
Venice Boulevard										
- East of Olive St.	40	10	30	35	343	3,430	0	0	66.2	65.2
W. 12th Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- West of Grand Ave.	40	10	30	35	278	2,780	0	0	65.2	64.3
E. 17th Street										
- West of Grand Ave.	40	10	30	35	977	9,770	0	0	70.7	69.7
W. 18th Street										
- West of Flower St.	40	10	30	35	65	650	0	0	58.9	58.0
- West of Grand Ave.	40	10	30	35	60	600	0	0	58.6	57.6
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,061	10,610	0	0	68.7	67.7
- Between Flower St. & Grand Ave.	80	10	50	35	930	9,300	0	0	68.1	67.1
- Between Grand Ave. & Los Angeles St.	80	10	50	35	825	8,250	0	0	67.6	66.6
- East of Los Angeles St.	80	10	50	35	766	7,660	0	0	67.2	66.3
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	386	3,860	0	0	64.7	63.7
- East of I-110 Fwy.	50	10	35	35	204	2,040	0	0	63.1	62.1
Alvarado Street										
- North of 8th St.	60	10	40	35	1,932	19,320	0	0	72.3	71.3
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,803	18,030	0	0	72.0	71.0
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,735	17,350	0	0	71.8	70.8
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,533	15,330	0	0	71.3	70.3
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,305	13,050	0	0	71.8	70.8
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,269	12,690	0	0	71.6	70.7
- South of Pico Blvd.	40	10	30	30	1,215	12,150	0	0	71.4	70.5
Lucas Ave.										
- North of 6th St.	40	10	30	30	582	5,820	0	0	68.2	67.3
- South of 6th St.	40	10	30	30	438	4,380	0	0	67.0	66.0
Bixel Street										
- North of 8th St.	40	10	30	30	282	2,820	0	0	65.1	64.1
- Between 8th St. & Wilshire Blvd.	40	10	30	30	373	3,730	0	0	66.3	65.3
- Between Wilshire Blvd. & 6th St.	40	10	30	30	759	7,590	0	0	69.4	68.4
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,405	14,050	0	0	71.5	70.5
- Between Flower St. & Grand Ave.	50	10	35	35	1,091	10,910	0	0	70.4	69.4
- Between Grand Ave. and Main St.	50	10	35	35	895	8,950	0	0	69.5	68.5
- East of Main St.	50	10	35	35	827	8,270	0	0	69.2	68.2
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	1,252	12,520	0	0	71.0	70.0
- Between Bixel St. & Figueroa St.	50	10	35	35	1,127	11,270	0	0	70.5	69.5

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	765	7,650	0	0	68.8	67.9

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday - Post-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
Grand Avenue										
- North of 1st St.	70	10	45	35	1,656	16,560	0	0	71.0	70.0
- South of 1st St.	70	10	45	35	1,077	10,770	0	0	69.1	68.1
- North of 11th St.	70	10	45	35	867	8,670	0	0	68.2	67.2
- Between 11th and 12th St.	50	10	35	35	1,285	12,850	0	0	71.1	70.1
- Between 12th St. and Venice Ave.	50	10	35	35	1,806	18,060	0	0	72.6	71.6
- Between Venice Ave. and 17th St.	50	10	35	35	2,218	22,180	0	0	73.5	72.5
- Between 17th St. and Washington Ave.	50	10	35	35	1,349	13,490	0	0	71.3	70.3
- South of Washington Ave.	50	10	35	35	754	7,540	0	0	68.8	67.8
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	2,311	23,110	0	0	72.4	71.5
- Between 5th St. and Wilshire Blvd.	70	10	45	35	3,107	31,070	0	0	73.7	72.7
- Between Wilshire Blvd. and 9th St.	70	10	45	35	2,528	25,280	0	0	72.8	71.9
- Between 9th St. and Olympic Blvd.	70	10	45	35	1,563	15,630	0	0	70.7	69.8
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	1,663	16,630	0	0	71.0	70.0
- South of Pico Blvd.	70	10	45	35	1,843	18,430	0	0	71.5	70.5
Flower Street										
- North of 6th St.	70	10	45	35	660	6,600	0	0	67.0	66.0
- Between 6th St. and 8th St.	60	10	40	35	1,231	12,310	0	0	70.3	69.3
- Between 8th and Pico Blvd.	60	10	40	35	1,039	10,390	0	0	69.6	68.6
- South of Pico Blvd.	40	10	30	35	1,297	12,970	0	0	71.9	71.0
- South of 18th St.	40	10	30	35	800	8,000	0	0	69.8	68.9
Hope Street										
- North of 1st St.	60	10	40	35	1,179	11,790	0	0	70.1	69.1
- South of 1st St.	70	10	45	35	802	8,020	0	0	67.8	66.9
1st Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- Between Hope St. and Grand Ave.	80	10	50	35	1,508	15,080	0	0	70.2	69.2
2nd Street										
- West of Figueroa St.	80	10	50	35	1,162	11,620	0	0	69.1	68.1
- East of Figueroa St.	70	10	45	35	618	6,180	0	0	66.7	65.7
6th Street										
- West of Lucas Ave.	40	10	30	35	1,233	12,330	0	0	71.7	70.7
- Between Lucas Ave. & Bixel St.	40	10	30	35	1,275	12,750	0	0	71.9	70.9
- East of Bixel St.	40	10	30	35	1,290	12,900	0	0	71.9	70.9
- East of Flower St.	40	10	30	35	1,122	11,220	0	0	71.3	70.3
- West of Main St.	40	10	30	35	1,035	10,350	0	0	70.9	70.0
- East of Main St.	40	10	30	35	569	5,690	0	0	68.4	67.4
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	2,410	24,100	0	0	72.2	71.2
- Between Alvarado St. & Union Ave.	80	10	50	35	2,340	23,400	0	0	72.1	71.1
- Between Union Ave. & Blaine St.	80	10	50	35	2,097	20,970	0	0	71.6	70.6
- Between Blaine St. & Georgia St.	80	10	50	35	2,504	25,040	0	0	72.4	71.4
- Between George St. & Francisco St.	80	10	50	35	2,339	23,390	0	0	72.1	71.1
- Between Francisco St. & Figueroa St.	80	10	50	35	2,792	27,920	0	0	72.9	71.9
- Between Figueroa St. & Flower St.	70	10	45	35	2,484	24,840	0	0	72.8	71.8
- East of Flower St.	70	10	45	35	1,854	18,540	0	0	71.5	70.5
W. 11th Street										
- West of Blaine St.	40	10	30	35	178	1,780	0	0	63.3	62.3
- Between Blaine St. & LA Live Wy.	40	10	30	35	1,308	13,080	0	0	72.0	71.0
- East of LA Live Wy.	60	10	40	35	427	4,270	0	0	65.7	64.7
- West of Grand Ave.	40	10	30	35	343	3,430	0	0	66.2	65.2
- East of Grand Ave.	40	10	30	35	535	5,350	0	0	68.1	67.1
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,768	17,680	0	0	71.9	70.9
- Between Alvarado St. & Union Ave.	60	10	40	35	2,178	21,780	0	0	72.8	71.8
- Between Union Ave. & Figueroa St.	60	10	40	35	1,847	18,470	0	0	72.1	71.1
- Between Figueroa & Flower St.	70	10	45	35	1,411	14,110	0	0	70.3	69.3
- East of Hill St.	50	10	35	35	676	6,760	0	0	68.3	67.3
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	941	9,410	0	0	70.3	69.4
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	776	7,760	0	0	69.5	68.5
Venice Boulevard										
- East of Olive St.	40	10	30	35	1,407	14,070	0	0	72.3	71.3
W. 12th Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- West of Grand Ave.	40	10	30	35	416	4,160	0	0	67.0	66.0
E. 17th Street										
- West of Grand Ave.	40	10	30	35	1,617	16,170	0	0	72.9	71.9
W. 18th Street										
- West of Flower St.	40	10	30	35	309	3,090	0	0	65.7	64.7
- West of Grand Ave.	40	10	30	35	304	3,040	0	0	65.6	64.7
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,885	18,850	0	0	71.2	70.2
- Between Flower St. & Grand Ave.	80	10	50	35	1,703	17,030	0	0	70.7	69.7
- Between Grand Ave. & Los Angeles St.	80	10	50	35	1,293	12,930	0	0	69.5	68.5
- East of Los Angeles St.	80	10	50	35	1,183	11,830	0	0	69.1	68.2
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	491	4,910	0	0	65.7	64.7
- East of I-110 Fwy.	50	10	35	35	355	3,550	0	0	65.5	64.5
Alvarado Street										
- North of 8th St.	60	10	40	35	2,053	20,530	0	0	72.5	71.5
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,985	19,850	0	0	72.4	71.4
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,992	19,920	0	0	72.4	71.4
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,715	17,150	0	0	71.7	70.8
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,305	13,050	0	0	71.8	70.8
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,331	13,310	0	0	71.8	70.9
- South of Pico Blvd.	40	10	30	30	1,271	12,710	0	0	71.6	70.7
Lucas Ave.										
- North of 6th St.	40	10	30	30	644	6,440	0	0	68.7	67.7
- South of 6th St.	40	10	30	30	500	5,000	0	0	67.6	66.6
Bixel Street										
- North of 8th St.	40	10	30	30	282	2,820	0	0	65.1	64.1
- Between 8th St. & Wilshire Blvd.	40	10	30	30	406	4,060	0	0	66.7	65.7
- Between Wilshire Blvd. & 6th St.	40	10	30	30	853	8,530	0	0	69.9	68.9
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,417	14,170	0	0	71.5	70.5
- Between Flower St. & Grand Ave.	50	10	35	35	1,200	12,000	0	0	70.8	69.8
- Between Grand Ave. and Main St.	50	10	35	35	927	9,270	0	0	69.7	68.7
- East of Main St.	50	10	35	35	827	8,270	0	0	69.2	68.2
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	1,326	13,260	0	0	71.2	70.2
- Between Bixel St. & Figueroa St.	50	10	35	35	1,261	12,610	0	0	71.0	70.0

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	947	9,470	0	0	69.8	68.8

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday - Post-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
Grand Avenue										
- North of 1st St.	70	10	45	35	1,256	12,560	0	0	69.8	68.8
- South of 1st St.	70	10	45	35	596	5,960	0	0	66.6	65.6
- North of 11th St.	70	10	45	35	493	4,930	0	0	65.7	64.8
- Between 11th and 12th St.	50	10	35	35	809	8,090	0	0	69.1	68.1
- Between 12th St. and Venice Ave.	50	10	35	35	1,339	13,390	0	0	71.3	70.3
- Between Venice Ave. and 17th St.	50	10	35	35	1,783	17,830	0	0	72.5	71.5
- Between 17th St. and Washington Ave.	50	10	35	35	1,173	11,730	0	0	70.7	69.7
- South of Washington Ave.	50	10	35	35	623	6,230	0	0	67.9	67.0
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	2,034	20,340	0	0	71.9	70.9
- Between 5th St. and Wilshire Blvd.	70	10	45	35	2,602	26,020	0	0	73.0	72.0
- Between Wilshire Blvd. and 9th St.	70	10	45	35	2,004	20,040	0	0	71.8	70.8
- Between 9th St. and Olympic Blvd.	70	10	45	35	958	9,580	0	0	68.6	67.6
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	1,052	10,520	0	0	69.0	68.0
- South of Pico Blvd.	70	10	45	35	1,332	13,320	0	0	70.0	69.1
Flower Street										
- North of 6th St.	70	10	45	35	402	4,020	0	0	64.8	63.9
- Between 6th St. and 8th St.	60	10	40	35	823	8,230	0	0	68.6	67.6
- Between 8th and Pico Blvd.	60	10	40	35	593	5,930	0	0	67.1	66.2
- South of Pico Blvd.	40	10	30	35	866	8,660	0	0	70.2	69.2
- South of 18th St.	40	10	30	35	456	4,560	0	0	67.4	66.4
Hope Street										
- North of 1st St.	60	10	40	35	1,003	10,030	0	0	69.4	68.4
- South of 1st St.	70	10	45	35	676	6,760	0	0	67.1	66.1
1st Street										

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
	PHV	ADT								
- Between Hope St. and Grand Ave.	80	10	50	35	996	9,960	0	0	68.4	67.4
2nd Street										
- West of Figueroa St.	80	10	50	35	1,097	10,970	0	0	68.8	67.8
- East of Figueroa St.	70	10	45	35	563	5,630	0	0	66.3	65.3
6th Street										
- West of Lucas Ave.	40	10	30	35	854	8,540	0	0	70.1	69.1
- Between Lucas Ave. & Bixel St.	40	10	30	35	750	7,500	0	0	69.6	68.6
- East of Bixel St.	40	10	30	35	735	7,350	0	0	69.5	68.5
- East of Flower St.	40	10	30	35	843	8,430	0	0	70.1	69.1
- West of Main St.	40	10	30	35	799	7,990	0	0	69.8	68.8
- East of Main St.	40	10	30	35	398	3,980	0	0	66.8	65.8
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	2,059	20,590	0	0	71.5	70.6
- Between Alvarado St. & Union Ave.	80	10	50	35	1,920	19,200	0	0	71.2	70.3
- Between Union Ave. & Blaine St.	80	10	50	35	1,678	16,780	0	0	70.6	69.7
- Between Blaine St. & Georgia St.	80	10	50	35	1,978	19,780	0	0	71.4	70.4
- Between George St. & Francisco St.	80	10	50	35	1,882	18,820	0	0	71.1	70.2
- Between Francisco St. & Figueroa St.	80	10	50	35	2,048	20,480	0	0	71.5	70.5
- Between Figueroa St. & Flower St.	70	10	45	35	1,886	18,860	0	0	71.6	70.6
- East of Flower St.	70	10	45	35	1,300	13,000	0	0	69.9	69.0
W. 11th Street										
- West of Blaine St.	40	10	30	35	176	1,760	0	0	63.3	62.3
- Between Blaine St. & LA Live Wy.	40	10	30	35	1,258	12,580	0	0	71.8	70.8
- East of LA Live Wy.	60	10	40	35	390	3,900	0	0	65.3	64.3
- West of Grand Ave.	40	10	30	35	91	910	0	0	60.4	59.4
- East of Grand Ave.	40	10	30	35	179	1,790	0	0	63.3	62.4
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,585	15,850	0	0	71.4	70.4
- Between Alvarado St. & Union Ave.	60	10	40	35	1,985	19,850	0	0	72.4	71.4
- Between Union Ave. & Figueroa St.	60	10	40	35	1,620	16,200	0	0	71.5	70.5
- Between Figueroa & Flower St.	70	10	45	35	1,137	11,370	0	0	69.4	68.4
- East of Hill St.	50	10	35	35	541	5,410	0	0	67.3	66.4
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	789	7,890	0	0	69.6	68.6
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	648	6,480	0	0	68.7	67.7
Venice Boulevard										
- East of Olive St.	40	10	30	35	1,369	13,690	0	0	72.2	71.2
W. 12th Street										

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- West of Grand Ave.	40	10	30	35	212	2,120	0	0	64.1	63.1
E. 17th Street										
- West of Grand Ave.	40	10	30	35	1,262	12,620	0	0	71.8	70.8
W. 18th Street										
- West of Flower St.	40	10	30	35	280	2,800	0	0	65.3	64.3
- West of Grand Ave.	40	10	30	35	275	2,750	0	0	65.2	64.2
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,750	17,500	0	0	70.8	69.9
- Between Flower St. & Grand Ave.	80	10	50	35	1,547	15,470	0	0	70.3	69.3
- Between Grand Ave. & Los Angeles St.	80	10	50	35	1,137	11,370	0	0	69.0	68.0
- East of Los Angeles St.	80	10	50	35	1,037	10,370	0	0	68.6	67.6
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	442	4,420	0	0	65.3	64.3
- East of I-110 Fwy.	50	10	35	35	353	3,530	0	0	65.5	64.5
Alvarado Street										
- North of 8th St.	60	10	40	35	1,818	18,180	0	0	72.0	71.0
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,756	17,560	0	0	71.8	70.9
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,715	17,150	0	0	71.7	70.8
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,522	15,220	0	0	71.2	70.2
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,275	12,750	0	0	71.7	70.7
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,307	13,070	0	0	71.8	70.8
- South of Pico Blvd.	40	10	30	30	1,234	12,340	0	0	71.5	70.5
Lucas Ave.										
- North of 6th St.	40	10	30	30	407	4,070	0	0	66.7	65.7
- South of 6th St.	40	10	30	30	302	3,020	0	0	65.4	64.4
Bixel Street										
- North of 8th St.	40	10	30	30	212	2,120	0	0	63.9	62.9
- Between 8th St. & Wilshire Blvd.	40	10	30	30	304	3,040	0	0	65.4	64.5
- Between Wilshire Blvd. & 6th St.	40	10	30	30	713	7,130	0	0	69.1	68.2
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,304	13,040	0	0	71.2	70.2
- Between Flower St. & Grand Ave.	50	10	35	35	1,081	10,810	0	0	70.3	69.4
- Between Grand Ave. and Main St.	50	10	35	35	806	8,060	0	0	69.1	68.1
- East of Main St.	50	10	35	35	739	7,390	0	0	68.7	67.7
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	1,044	10,440	0	0	70.2	69.2
- Between Bixel St. & Figueroa St.	50	10	35	35	975	9,750	0	0	69.9	68.9

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	782	7,820	0	0	68.9	68.0

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

Existing (2011)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	16	2	18	105	622	39	44	40	14	18	486	123
2	Francisco & Olympic	28	7	15	24	729	35	17	6	10	7	540	15
3	Figueroa & Olympic	0	0	0	139	577	74	72	519	188	101	361	123
4	Flower & Olympic	234	286	66	0	557	25	0	0	0	83	361	0
5	Grand & Olympic	97	250	23	0	475	34	0	0	0	61	267	0
6	Olive & Olympic	0	0	0	22	470	0	5	179	38	0	227	55
7	Hill & Olympic	46	155	12	25	434	14	11	72	6	14	195	23
8	Broadway & Olympic	59	191	19	54	395	28	12	210	16	9	184	29
9	Main & Olympic	90	202	16	26	361	19	25	210	28	18	156	45
10	Los Angeles & Olympic	59	127	36	37	252	29	45	128	25	30	203	28
11	Santee & Olympic	91	41	13	22	182	11	71	51	39	52	215	23
12	Maple & Olympic	63	132	20	14	97	14	45	103	50	119	149	29
13	Maple & 9th	24	84	12	36	140	51	44	119	19	52	216	13
14	San Pedro & 9th	26	212	19	45	162	44	55	231	22	44	227	43
15	LA Live Way & Chick Hearn Ct	0	0	0	33	67	25	38	458	198	81	42	40
16	Figueroa & 11th	46	117	5	80	93	50	11	675	35	44	28	38
17	Flower & 11th	91	269	0	0	138	27	0	0	0	44	0	0
18	Grand & 11th	51	282	0	0	137	24	0	0	0	0	0	0
19	Olive & 11th	0	0	0	17	117	0	0	215	40	0	0	0
20	Figueroa & 12th	2	198	3	13	0	15	16	718	3	2	0	0
21	Flower & 12th	25	254	43	0	0	0	0	0	0	8	14	0
22	Grand & 12th	0	277	39	0	0	0	0	0	0	45	29	0
23	Olive & 12th	0	0	0	0	0	0	8	235	0	0	41	21
24	LA Live Way & Pico	12	0	37	66	276	0	81	471	649	0	289	64
25	LA Live Way & Bond	0	0	0	158	0	0	0	1,059	0	0	1	2
26	Figueroa & Pico	31	180	12	43	244	76	36	582	81	151	462	120
27	Flower & Pico	62	199	2	0	304	12	0	0	0	165	368	0
28	Grand & Pico	39	281	3	0	237	20	0	0	0	65	199	0
29	Olive & Pico	0	0	0	14	221	0	17	211	32	0	186	20
30	Hill & Pico	14	129	1	9	214	11	6	58	7	16	179	9
31	Broadway & Pico	28	211	3	18	152	20	11	144	21	27	134	28
32	Main & Pico	26	226	7	17	177	16	7	159	22	29	85	36
33	Blaine & Olympic	1	41	11	25	573	161	63	2	94	99	518	6
34	Blaine & SR 110 SB Off-Ramps	0	303	0	167	0	191	0	0	0	0	0	0
35	Blaine & 11th	67	307	127	0	122	171	0	0	0	109	42	0
36	Convention Center Drive & Venice	53	0	209	68	431	0	0	0	0	0	337	16

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Peak Hour Traffic Volumes

37	Figueroa & Venice	42	354	11	25	140	24	30	578	76	137	144	39
38	Flower & Venice	34	328	15	0	146	22	0	0	0	52	125	0
39	Grand & Venice	42	315	21	0	143	20	0	0	0	52	135	0
40	Olive & Venice	0	0	0	19	129	0	28	246	33	0	129	24
41	Grand & 17th	212	179	0	0	410	65	0	0	0	0	0	0
42	Olive & 17th	0	0	0	91	399	0	0	213	82	0	0	0
43	Hill & 17th	60	124	0	37	378	0	0	93	41	0	0	0
44	Broadway & 17th	52	253	0	14	328	14	0	161	28	0	0	0
45	Main & 17th	91	195	0	10	233	39	0	163	31	0	0	0
46	Los Angeles & 17th	86	264	0	66	181	39	0	25	11	0	0	0
47	Flower & 18th	0	140	3	0	0	0	0	0	0	8	28	0
48	Grand & 18th	0	130	118	0	0	0	92	0	0	50	250	0
49	Olive & 18th	0	0	0	0	0	0	22	101	0	0	265	198
50	Hill & 18th	0	107	29	0	0	0	18	108	0	21	251	20
51	Broadway & 18th	0	237	31	0	0	0	20	168	0	8	265	22
52	Main & 18th	0	188	48	0	0	0	79	178	0	28	220	18
53	Los Angeles & 18th	0	141	3	0	0	0	7	73	0	17	21	316
54	Figueroa & Washington	110	367	53	68	376	80	46	638	83	57	234	66
55	Flower & Washington	47	94	10	0	463	0	0	0	0	5	319	0
56	Grand & Washington	37	118	24	9	364	15	17	69	29	16	310	0
57	Olive & Washington	0	0	0	51	369	3	3	40	12	3	322	32
58	Hill & Washington	15	96	24	31	268	12	13	89	3	2	76	7
59	Broadway & Washington	20	176	41	29	280	18	35	141	10	3	108	7
60	Main & Washington	28	167	27	41	346	24	37	212	35	20	321	10
61	Los Angeles & Washington	41	48	39	29	302	4	11	25	2	2	235	16
62	San Pedro & Washington	43	422	52	32	255	48	28	364	59	54	267	87
63	Figueroa & Adams	72	566	82	237	547	115	70	712	130	135	225	94
64	Flower & Adams	27	109	0	0	877	0	0	0	0	134	254	0
65	I-110 NB Off General & Adams	57	0	220	0	346	0	166	0	320	0	244	0
66	Grand & Adams	28	88	29	18	299	29	21	36	14	28	405	39
67	Hill & Adams	13	72	15	21	315	11	15	75	18	11	395	40
68	Broadway & Adams	27	179	18	18	275	19	11	127	24	20	389	34
69	Main & Adams	29	203	13	24	279	37	38	258	28	27	348	35
70	Flower & Jefferson	17	168	23	0	392	48	0	0	0	175	294	0
71	Figueroa & Exposition	61	494	253	192	268	20	35	483	99	52	275	81
72	Flower & 37th Street	0	73	351	0	0	0	61	0	0	35	539	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	86	0	0	25	283	0	0	101	397
74	Hill & 37th Street	8	61	3	7	9	4	0	68	10	19	33	17
75	Broadway & 37th	2	224	1	1	0	0	1	151	3	12	15	4
76	Figueroa & 39th	14	368	46	124	15	65	47	373	20	20	44	168

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Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	60	39	26	0	111	89	77	0
78	Figueroa & MLK	136	302	203	83	867	146	98	248	71	81	1,162	156
79	I-110 SB Ramps & MLK	449	0	216	0	760	179	0	0	0	605	901	0
80	I-110 NB Ramps/Hill & MLK	68	2	20	23	594	103	83	26	266	408	542	34
81	Georgia & James Wood	0	0	0	0	0	0	30	211	0	10	403	161
82	Francisco & 9th	0	0	22	0	0	0	0	0	0	0	797	221
83	Figueroa & 9th	0	0	0	0	0	0	86	686	0	0	621	204
84	Flower & 9th	0	423	138	0	0	0	0	0	0	179	529	0
85	Broadway & 9th	0	230	35	0	0	0	15	286	0	40	307	62
86	Bixel & 8th	45	600	0	135	433	269	0	0	0	0	0	0
87	Francisco & 8th	0	0	0	0	856	19	0	0	275	0	0	0
88	Figueroa & 8th	0	0	0	139	705	0	0	754	160	0	0	0
89	Flower & 8th	133	491	0	0	714	71	0	0	0	0	0	0
90	Hill & 8th	62	191	0	49	487	35	0	127	19	0	0	0
91	Broadway & 8th	69	249	0	96	474	18	0	311	33	0	0	0
92	Bixel & Wilshire	24	171	7	10	392	62	46	52	25	101	415	13
93	Figueroa & Wilshire	0	0	0	109	155	0	49	737	60	0	287	247
94	Lucas & 6th	75	83	15	13	248	13	34	78	17	15	393	81
95	Bixel & 6th	29	77	26	27	229	33	16	31	26	82	346	22
96	Figueroa & 6th	0	0	0	0	0	0	78	1,016	0	0	781	161
97	Flower & 6th	0	283	99	0	0	0	0	0	0	377	473	0
98	Grand & 6th	0	298	43	0	0	0	0	0	0	40	404	0
99	Hill & 6th	0	225	45	0	0	0	53	194	0	22	369	18
100	Spring & 6th	0	518	154	0	0	0	0	0	0	155	388	0
101	Main & 6th	0	0	0	0	0	0	83	456	0	0	306	208
102	Figueroa & 5th	0	0	0	126	669	0	0	671	366	0	0	0
103	Grand & 5th	166	246	0	29	586	127	0	0	0	0	0	0
104	Olive & 5th	184	0	0	36	385	0	0	245	174	0	0	0
105	Hill & 5th	56	208	0	52	330	25	0	167	23	0	0	0
106	Spring & 5th	73	476	0	0	212	167	0	0	0	0	0	0
107	Main & 5th	0	0	0	79	232	0	0	537	145	0	0	0
108	Figueroa & 2nd	30	302	28	15	150	56	86	365	82	121	161	33
109	Beaudry & 1st	70	122	31	50	231	23	46	187	54	26	145	34
110	Hope & 1st	39	91	70	73	264	49	109	207	83	77	246	55
111	Grand & 1st	76	246	23	108	282	94	18	103	11	125	222	82
112	Olive & 1st	0	0	0	0	366	37	146	0	113	31	262	0
113	Hill & 1st	33	226	26	23	288	18	25	140	22	17	314	57
114	Spring & 1st	64	255	12	0	199	14	0	0	0	18	289	22
115	Main & 1st	0	0	0	19	232	0	54	301	37	0	317	43
116	Hope & Temple/US-101 Ramps	37	68	75	89	335	43	97	93	58	45	234	117

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Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	121	402	0	0	415	49
118	Los Angeles & Aliso	0	275	137	0	0	0	8	106	0	35	492	10
119	Grand & I-110 On-Ramp/US-101 Ramps	220	216	0	0	0	0	0	134	230	96	0	29
120	Beaudry & Sunset	17	109	22	22	844	112	71	81	120	274	1,155	56
121	Figueroa & Cesar Chavez	71	170	58	71	840	101	166	252	100	282	943	107
122	Grand & Cesar Chavez	10	56	10	153	454	153	43	40	84	145	370	14
123	Spring & Cesar Chavez	65	62	18	56	993	227	27	6	3	129	732	0
124	Main & Cesar Chavez	0	0	0	31	1,088	0	185	167	128	0	756	57
125	Alameda & Cesar Chavez	127	760	85	47	820	187	112	375	185	336	532	76
126	Main & Alpine	45	158	46	41	170	0	6	141	1	15	124	50
127	Alameda & Alpine	73	194	24	72	55	22	35	172	43	62	27	33
128	Hill & Alpine	37	403	74	125	100	40	18	287	18	9	111	30
129	Hill & College	43	460	146	83	111	43	80	385	15	28	106	75
130	Sunset & Elysian Park	0	516	55	568	0	959	58	835	0	0	0	0
131	Glendale & Bellevue	0	694	89	128	0	307	188	499	0	0	0	0
132	Glendale & Temple	156	474	77	94	291	18	10	434	55	47	219	194
133	Alvarado & US 101 NB Ramps	303	807	0	74	0	173	0	696	275	0	0	0
134	Alvarado & US 101 SB Ramps	0	824	147	0	0	0	249	686	0	181	4	228
135	Alvarado & Beverly	97	844	26	46	324	66	50	770	32	58	277	79
136	Vermont & 6th	89	955	69	79	418	84	55	1,054	75	84	393	86
137	Alvarado & 6th	99	787	28	45	375	80	132	709	43	59	357	58
138	Western & Wilshire	91	852	94	81	617	127	97	738	97	86	648	137
139	Normandie & Wilshire	67	391	33	48	970	66	90	373	36	43	758	40
140	Vermont & Wilshire	82	1,042	36	97	634	101	68	1,009	86	69	538	128
141	Alvarado & Wilshire	97	742	36	86	636	91	59	789	23	41	435	71
142	Vermont & 8th	94	1,011	51	59	389	32	49	1,053	79	86	290	34
143	Alvarado & 8th	102	651	40	51	348	27	81	735	20	43	212	118
144	Western & Olympic	112	890	194	225	707	104	91	1,096	112	70	703	91
145	Normandie & Olympic	91	528	69	86	996	86	73	463	90	71	923	54
146	Vermont & Olympic	142	910	84	88	831	93	76	946	96	54	694	160
147	Alvarado & Olympic	152	495	91	60	711	80	54	668	73	36	661	123
148	Union & Olympic	92	517	49	58	586	35	38	482	95	53	627	77
149	Western & Pico	80	838	43	47	415	64	66	826	86	82	426	86
150	Normandie & Pico	40	568	32	35	425	80	108	598	33	68	347	34
151	Vermont & Pico	85	904	69	97	530	75	85	947	106	73	443	71
152	Alvarado & Pico	125	442	78	104	607	95	85	637	10	43	479	124
153	Pico & Union	142	449	56	76	632	42	52	475	97	77	547	85
154	Hoover & Alvarado	0	623	0	13	0	563	499	732	0	0	0	0
155	Western & Venice	65	1,019	39	56	331	68	66	1,111	93	75	293	77
156	Normandie & Venice	50	627	36	27	344	34	36	688	85	102	321	65

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157	Vermont & Venice	62	926	48	75	338	60	59	1,071	46	65	349	46
158	Hoover & Venice	115	988	62	112	278	118	42	956	76	91	218	117
159	Western & Washington	44	949	51	79	296	72	68	993	76	69	267	46
160	Normandie & Washington	41	684	46	44	245	91	101	747	103	89	231	45
161	Vermont & Washington	53	974	67	48	342	102	81	1,009	64	46	307	95
162	Hoover & Washington	154	918	119	82	284	72	87	844	77	42	301	119
163	I-10 WB Ramp & 20th	0	0	0	0	46	498	285	0	40	23	32	0
164	Vermont & I-10 EB Ramps	0	700	474	0	0	0	159	799	0	254	18	346
165	I-10 EB Ramp & Hoover	0	734	230	0	0	0	235	672	0	228	0	390
166	Hill & Venice	14	189	17	4	115	13	16	81	26	18	146	2
167	Broadway & Venice	17	263	3	13	94	10	11	190	12	42	122	11
168	Main & Venice	13	199	3	3	85	5	7	173	16	24	81	32
169	Los Angeles & Venice	6	259	7	9	99	23	3	84	3	28	64	6
170	San Pedro & Venice	97	404	0	116	124	215	0	148	52	71	0	18
171	Central & Venice	107	270	0	62	130	223	0	151	127	0	0	0
172	Central & Washington	30	370	27	39	226	48	25	401	34	79	232	75
173	Wilton Place (ext. of Arlington) & Wilshire	79	579	24	35	641	100	65	619	49	43	710	144
174	Arlington & Olympic	103	495	71	55	708	61	59	508	49	51	732	108
175	Arlington & Pico	72	480	65	59	417	37	42	497	77	55	460	65
176	Arlington & Venice	51	536	29	43	418	42	42	582	48	76	411	25
177	Arlington & Washington	43	624	25	36	291	82	83	584	48	77	319	61
178													
179													
180													
181													
182													
183													

Traffic Data Received on 10/18/11
Peak Hour Traffic Volumes
Future No Project, Cumulative Base (2038)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	49	2	18	160	777	59	67	78	96	34	684	173
2	Francisco & Olympic	28	7	59	54	960	35	17	6	10	7	761	15
3	Figueroa & Olympic	0	0	0	230	728	102	123	1,013	298	147	558	143
4	Flower & Olympic	260	755	78	0	800	40	0	0	0	105	587	0
5	Grand & Olympic	186	582	142	0	637	40	0	0	0	97	461	0
6	Olive & Olympic	0	0	0	68	610	0	17	452	66	0	441	154
7	Hill & Olympic	74	358	16	38	565	134	83	162	33	61	351	46
8	Broadway & Olympic	85	286	30	57	587	28	12	270	64	35	331	87
9	Main & Olympic	154	373	25	44	489	23	27	380	31	18	281	79
10	Los Angeles & Olympic	60	146	36	37	373	29	46	154	28	36	332	28
11	Santee & Olympic	92	41	14	24	302	11	72	52	39	53	345	23
12	Maple & Olympic	64	134	20	14	214	14	46	106	54	122	277	29
13	Maple & 9th	24	85	12	36	142	52	45	122	19	53	369	13
14	San Pedro & 9th	26	215	19	48	164	45	56	237	22	47	377	45
15	LA Live Way & Chick Hearn Ct	0	0	0	46	154	25	55	481	200	87	96	40
16	Figueroa & 11th	47	190	5	125	157	51	11	1,285	82	115	28	38
17	Flower & 11th	102	764	0	0	238	198	0	0	0	45	0	0
18	Grand & 11th	73	634	0	0	431	150	0	0	0	0	0	0
19	Olive & 11th	0	0	0	17	279	0	0	530	255	0	0	0
20	Figueroa & 12th	2	287	12	13	0	15	38	1,188	3	2	0	0
21	Flower & 12th	25	729	164	0	0	0	0	0	0	8	44	0
22	Grand & 12th	0	727	64	0	0	0	0	0	0	81	197	0
23	Olive & 12th	0	0	0	0	0	0	8	693	0	0	141	114
24	LA Live Way & Pico	12	0	42	67	359	0	121	511	657	0	393	65
25	LA Live Way & Bond	0	0	0	160	0	0	0	1,145	0	0	1	2
26	Figueroa & Pico	53	214	16	48	302	114	47	1,001	85	168	544	189
27	Flower & Pico	104	637	11	0	409	0	0	0	0	170	472	0
28	Grand & Pico	86	709	13	0	298	30	0	0	0	75	294	0
29	Olive & Pico	0	0	0	18	286	0	29	631	38	0	257	54
30	Hill & Pico	23	273	5	20	269	14	8	176	12	31	239	17
31	Broadway & Pico	39	309	3	18	209	20	11	237	21	27	192	36
32	Main & Pico	38	347	7	18	221	16	7	271	22	29	122	55
33	Blaine & Olympic	1	41	11	25	779	229	124	2	112	103	700	6
34	Blaine & SR 110 SB Off-Ramps	0	376	0	246	0	246	0	0	0	0	0	0
35	Blaine & 11th	68	380	182	0	129	253	0	0	0	110	48	0
36	Convention Center Drive & Venice	54	0	212	82	477	0	0	0	0	0	380	16

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

37	Figueroa & Venice	60	380	14	57	180	25	33	950	77	139	173	51
38	Flower & Venice	51	751	18	0	201	28	0	0	0	53	159	0
39	Grand & Venice	64	737	26	0	179	20	0	0	0	65	166	0
40	Olive & Venice	0	0	0	33	147	0	28	662	51	0	135	53
41	Grand & 17th	459	367	0	0	518	73	0	0	0	0	0	0
42	Olive & 17th	0	0	0	234	498	0	0	506	99	0	0	0
43	Hill & 17th	104	229	0	50	569	16	0	200	49	0	0	0
44	Broadway & 17th	60	343	0	23	539	22	0	257	28	0	0	0
45	Main & 17th	106	297	0	26	443	116	0	259	35	0	0	0
46	Los Angeles & 17th	91	286	0	90	478	39	0	30	11	0	0	0
47	Flower & 18th	0	484	3	0	0	0	0	0	0	8	57	0
48	Grand & 18th	0	269	175	0	0	0	93	0	0	68	489	0
49	Olive & 18th	0	0	0	0	0	0	22	227	0	0	380	381
50	Hill & 18th	0	215	42	0	0	0	18	211	0	21	354	32
51	Broadway & 18th	0	327	40	0	0	0	23	264	0	23	365	22
52	Main & 18th	0	353	63	0	0	0	209	265	0	35	312	30
53	Los Angeles & 18th	0	143	3	0	0	0	7	77	0	17	21	551
54	Figueroa & Washington	118	377	54	77	441	108	86	1,087	89	60	270	83
55	Flower & Washington	67	413	14	0	545	0	0	0	0	11	390	0
56	Grand & Washington	49	244	40	9	432	18	18	70	29	16	385	0
57	Olive & Washington	0	0	0	54	440	3	3	151	24	3	403	45
58	Hill & Washington	26	186	30	46	328	12	13	169	3	2	146	15
59	Broadway & Washington	20	257	65	33	355	23	44	232	10	3	182	10
60	Main & Washington	30	326	38	47	428	24	52	420	35	20	428	13
61	Los Angeles & Washington	41	49	39	29	377	4	11	25	2	2	306	19
62	San Pedro & Washington	44	427	53	32	319	49	33	368	73	63	332	88
63	Figueroa & Adams	73	694	83	263	562	167	77	1,196	142	142	237	95
64	Flower & Adams	48	445	0	12	949	0	0	0	0	136	272	0
65	I-110 NB Off General & Adams	63	0	235	0	394	0	229	0	341	0	268	0
66	Grand & Adams	28	211	29	18	347	29	21	36	14	28	492	39
67	Hill & Adams	13	152	15	21	363	11	15	192	18	11	467	55
68	Broadway & Adams	36	254	18	18	313	19	11	230	24	20	459	36
69	Main & Adams	31	358	13	24	315	37	38	463	28	27	400	52
70	Flower & Jefferson	71	434	28	0	505	49	0	0	0	234	465	0
71	Figueroa & Exposition	62	617	352	229	290	26	43	819	100	53	295	82
72	Flower & 37th Street	0	330	412	0	0	0	62	0	0	35	667	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	88	0	0	25	331	0	0	103	480
74	Hill & 37th Street	8	141	3	7	10	4	0	185	10	19	34	17
75	Broadway & 37th	2	312	1	1	0	0	1	257	4	13	15	4
76	Figueroa & 39th	14	467	75	142	15	66	48	694	20	20	45	170

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Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	61	39	26	0	129	118	78	0
78	Figueroa & MLK	139	361	243	108	878	156	101	543	74	84	1,177	159
79	I-110 SB Ramps & MLK	460	0	219	0	796	181	0	0	0	612	953	0
80	I-110 NB Ramps/Hill & MLK	69	81	20	23	628	104	84	142	269	413	590	34
81	Georgia & James Wood	0	0	0	0	0	0	35	343	0	10	775	184
82	Francisco & 9th	0	0	81	0	0	0	0	0	0	0	1,399	276
83	Figueroa & 9th	0	0	0	0	0	0	141	1,235	0	0	1,219	266
84	Flower & 9th	0	816	149	0	0	0	0	0	0	330	1,031	0
85	Broadway & 9th	0	305	38	0	0	0	15	406	0	96	512	115
86	Bixel & 8th	46	804	0	138	565	341	0	0	0	0	0	0
87	Francisco & 8th	19	9	0	5	1,213	105	0	0	314	0	0	0
88	Figueroa & 8th	0	0	0	155	967	0	0	1,180	347	0	0	0
89	Flower & 8th	143	845	0	0	982	121	0	0	0	0	0	0
90	Hill & 8th	128	363	0	59	761	83	0	218	23	0	0	0
91	Broadway & 8th	115	327	0	103	723	18	0	448	70	0	0	0
92	Bixel & Wilshire	37	208	7	39	523	68	47	68	25	114	501	52
93	Figueroa & Wilshire	0	0	0	110	248	0	50	1,117	116	0	357	347
94	Lucas & 6th	79	164	62	57	413	14	82	133	23	22	584	87
95	Bixel & 6th	47	96	32	32	479	45	34	42	30	88	610	33
96	Figueroa & 6th	0	0	0	0	0	0	117	1,458	0	0	1,216	248
97	Flower & 6th	0	538	102	0	0	0	0	0	0	575	749	0
98	Grand & 6th	0	503	56	0	0	0	0	0	0	71	654	0
99	Hill & 6th	0	444	66	0	0	0	54	307	0	62	589	18
100	Spring & 6th	0	897	179	0	0	0	0	0	0	174	599	0
101	Main & 6th	0	0	0	0	0	0	100	765	0	0	460	290
102	Figueroa & 5th	0	0	0	144	998	0	0	965	600	0	0	0
103	Grand & 5th	179	380	0	32	975	196	0	0	0	0	0	0
104	Olive & 5th	245	0	0	45	757	0	0	500	201	0	0	0
105	Hill & 5th	216	431	0	98	551	41	0	279	24	0	0	0
106	Spring & 5th	209	843	0	0	377	204	0	0	0	0	0	0
107	Main & 5th	0	0	0	93	395	0	0	888	184	0	0	0
108	Figueroa & 2nd	30	306	32	15	169	57	95	569	101	126	183	33
109	Beaudry & 1st	96	182	31	51	445	26	66	225	58	26	300	51
110	Hope & 1st	39	149	112	120	480	71	110	231	84	97	430	60
111	Grand & 1st	98	339	126	220	515	106	264	172	40	157	417	83
112	Olive & 1st	0	0	0	0	523	55	239	0	312	317	548	0
113	Hill & 1st	33	386	26	23	463	131	34	245	22	66	617	84
114	Spring & 1st	148	730	14	0	393	26	0	0	0	41	530	22
115	Main & 1st	0	0	0	21	416	0	70	656	60	0	431	174
116	Hope & Temple/US-101 Ramps	37	125	121	132	379	47	98	166	59	85	301	139

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	290	720	0	0	679	104
118	Los Angeles & Aliso	0	316	139	0	0	0	56	112	0	95	822	52
119	Grand & I-110 On-Ramp/US-101 Ramps	343	350	0	0	0	0	0	219	399	226	0	57
120	Beaudry & Sunset	24	179	70	22	945	151	96	109	121	277	1,262	57
121	Figueroa & Cesar Chavez	72	202	59	148	972	102	184	421	107	288	1,108	115
122	Grand & Cesar Chavez	10	194	10	155	564	239	55	110	114	176	516	14
123	Spring & Cesar Chavez	96	325	18	57	1,108	241	27	6	3	150	816	0
124	Main & Cesar Chavez	0	0	0	87	1,195	0	203	481	149	0	840	58
125	Alameda & Cesar Chavez	129	898	95	48	938	189	113	494	187	340	629	77
126	Main & Alpine	71	160	47	41	199	0	6	366	64	15	187	69
127	Alameda & Alpine	74	230	35	98	223	72	53	226	79	86	56	33
128	Hill & Alpine	37	544	154	224	101	40	18	410	18	9	112	30
129	Hill & College	44	681	205	159	112	44	81	607	15	28	107	76
130	Sunset & Elysian Park	0	615	56	575	0	971	59	942	0	0	0	0
131	Glendale & Bellevue	0	795	90	130	0	330	256	581	0	0	0	0
132	Glendale & Temple	180	613	78	118	323	18	10	556	60	70	267	198
133	Alvarado & US 101 NB Ramps	393	881	0	86	0	192	0	832	282	0	0	0
134	Alvarado & US 101 SB Ramps	0	927	169	0	0	0	255	764	0	189	4	319
135	Alvarado & Beverly	98	936	26	47	556	67	55	846	32	59	447	80
136	Vermont & 6th	95	1,163	70	80	588	92	62	1,291	84	90	571	92
137	Alvarado & 6th	118	857	28	46	535	92	150	798	44	60	522	61
138	Western & Wilshire	92	953	95	82	679	150	118	833	109	93	713	139
139	Normandie & Wilshire	68	415	43	56	1,041	74	99	400	37	44	828	40
140	Vermont & Wilshire	133	1,211	39	101	708	105	69	1,220	154	123	608	166
141	Alvarado & Wilshire	98	822	36	89	690	113	82	893	23	41	485	72
142	Vermont & 8th	108	1,186	60	69	507	32	50	1,256	89	92	404	46
143	Alvarado & 8th	104	754	40	54	488	27	82	861	20	44	369	119
144	Western & Olympic	113	1,013	202	239	865	116	98	1,216	113	71	850	92
145	Normandie & Olympic	106	559	73	91	1,158	94	79	491	117	121	1,105	78
146	Vermont & Olympic	151	1,072	93	106	987	95	78	1,125	113	77	860	175
147	Alvarado & Olympic	154	588	97	66	883	126	72	787	74	36	835	125
148	Union & Olympic	93	524	50	71	805	35	38	489	96	54	822	78
149	Western & Pico	92	960	44	48	497	65	67	943	87	83	510	93
150	Normandie & Pico	41	646	40	40	506	81	109	654	33	69	429	34
151	Vermont & Pico	87	1,087	71	98	616	76	86	1,142	107	74	533	73
152	Alvarado & Pico	135	570	79	106	686	97	104	769	10	44	568	128
153	Pico & Union	144	454	58	78	712	51	53	481	98	78	655	86
154	Hoover & Alvarado	0	650	0	13	0	694	648	809	0	0	0	0
155	Western & Venice	66	1,143	39	57	363	69	67	1,231	94	76	331	78
156	Normandie & Venice	51	706	36	27	376	34	36	745	86	103	359	66

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

157	Vermont & Venice	63	1,109	49	76	370	61	60	1,268	47	66	387	47
158	Hoover & Venice	116	1,143	63	113	309	132	48	1,178	77	92	255	118
159	Western & Washington	45	1,072	52	80	379	73	69	1,112	77	70	347	47
160	Normandie & Washington	41	763	47	45	327	92	102	805	104	90	311	46
161	Vermont & Washington	54	1,158	68	49	425	103	82	1,205	65	47	388	96
162	Hoover & Washington	156	1,073	132	99	366	73	88	1,054	78	43	382	120
163	I-10 WB Ramp & 20th	0	0	0	0	47	601	339	0	40	23	32	0
164	Vermont & I-10 EB Ramps	0	773	514	0	0	0	161	956	0	299	18	416
165	I-10 EB Ramp & Hoover	0	816	234	0	0	0	238	790	0	244	0	460
166	Hill & Venice	24	338	21	10	136	13	16	200	26	18	152	2
167	Broadway & Venice	21	357	3	13	107	10	11	283	23	46	128	11
168	Main & Venice	17	314	3	3	93	5	7	285	16	24	87	32
169	Los Angeles & Venice	6	285	7	9	107	23	3	113	3	28	65	6
170	San Pedro & Venice	98	409	0	117	132	218	0	150	53	72	0	18
171	Central & Venice	108	315	0	63	139	226	0	193	129	0	0	0
172	Central & Washington	33	491	39	58	286	49	25	491	34	80	295	83
173	Wilton Place (ext. of Arlington) & Wilshire	80	586	24	35	715	101	66	626	50	44	781	146
174	Arlington & Olympic	104	501	72	56	866	62	60	514	50	52	880	109
175	Arlington & Pico	73	486	66	60	510	37	43	503	78	56	551	66
176	Arlington & Venice	52	542	29	44	451	43	43	589	49	77	450	25
177	Arlington & Washington	44	632	25	36	374	83	84	591	49	78	400	62
178													
179													
180													
181													
182													
183													

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

Future With Project (2038)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	49	2	19	160	1,146	59	156	326	228	34	789	238
2	Francisco & Olympic	74	7	102	54	1,283	383	17	6	10	7	959	15
3	Figueroa & Olympic	0	0	0	293	1,402	55	123	1,076	295	294	606	189
4	Flower & Olympic	620	738	78	0	1,129	40	0	0	0	133	607	0
5	Grand & Olympic	220	612	142	0	771	66	0	0	0	97	485	0
6	Olive & Olympic	0	0	0	68	610	0	75	637	226	0	465	154
7	Hill & Olympic	74	358	16	38	565	134	101	200	33	100	389	52
8	Broadway & Olympic	85	286	30	57	587	28	12	270	64	47	374	87
9	Main & Olympic	154	368	25	44	489	23	27	410	31	20	327	75
10	Los Angeles & Olympic	60	146	36	37	373	29	46	155	28	36	378	28
11	Santee & Olympic	92	41	14	24	302	11	72	52	39	53	391	23
12	Maple & Olympic	64	134	20	14	214	14	46	106	54	122	321	31
13	Maple & 9th	24	85	12	36	142	52	47	122	19	53	431	13
14	San Pedro & 9th	26	215	19	48	164	49	93	237	22	47	440	45
15	LA Live Way & Chick Hearn Ct	0	0	0	46	381	0	0	947	829	0	0	68
16	Figueroa & 11th	0	338	5	125	0	55	11	1,348	0	0	0	0
17	Flower & 11th	89	1,088	0	0	77	198	0	0	0	17	0	0
18	Grand & 11th	73	794	0	0	270	265	0	0	0	0	0	0
19	Olive & 11th	0	0	0	173	120	0	0	711	368	0	0	0
20	Figueroa & 12th	2	323	12	13	0	15	38	1,113	3	2	0	0
21	Flower & 12th	25	979	210	0	0	0	0	0	0	8	44	0
22	Grand & 12th	0	1,421	90	0	0	0	0	0	0	213	203	0
23	Olive & 12th	0	0	0	0	0	0	11	852	0	0	173	114
24	LA Live Way & Pico	0	0	0	0	328	0	174	153	792	0	804	0
25	LA Live Way & Bond	0	0	0	47	0	0	0	950	0	0	1	257
26	Figueroa & Pico	46	258	16	48	201	125	182	935	76	267	787	180
27	Flower & Pico	96	895	11	0	322	0	0	0	0	402	643	0
28	Grand & Pico	84	1,722	19	0	228	82	0	0	0	163	422	0
29	Olive & Pico	0	0	0	85	263	0	56	704	42	0	375	70
30	Hill & Pico	23	1,453	50	20	251	14	12	181	12	167	329	50
31	Broadway & Pico	33	359	3	18	200	20	11	237	19	68	289	36
32	Main & Pico	36	357	7	18	214	16	7	275	22	29	193	81
33	Blaine & Olympic	1	41	11	25	1,049	461	211	2	112	103	766	6
34	Blaine & SR 110 SB Off-Ramps	0	608	0	333	0	164	0	0	0	0	0	0
35	Blaine & 11th	68	612	100	0	0	1,238	0	0	0	110	0	0
36	Convention Center Drive & Venice	82	0	361	239	711	0	0	0	0	0	436	28

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

37	Figueroa & Venice	160	769	28	102	452	54	33	955	97	317	186	65
38	Flower & Venice	101	1,243	18	0	496	303	0	0	0	53	185	0
39	Grand & Venice	110	1,745	123	0	412	296	0	0	0	174	208	0
40	Olive & Venice	0	0	0	33	267	0	837	724	440	0	270	57
41	Grand & 17th	820	1,400	0	0	797	136	0	0	0	0	0	0
42	Olive & 17th	0	0	0	347	789	0	0	507	150	0	0	0
43	Hill & 17th	328	1,900	0	50	660	16	0	200	49	0	0	0
44	Broadway & 17th	60	512	0	38	630	22	0	257	28	0	0	0
45	Main & 17th	106	299	0	26	548	116	0	259	35	0	0	0
46	Los Angeles & 17th	91	287	0	90	583	39	0	30	11	0	0	0
47	Flower & 18th	0	792	3	0	0	0	0	0	0	8	301	0
48	Grand & 18th	0	958	616	0	0	0	144	0	0	68	490	0
49	Olive & 18th	0	0	0	0	0	0	199	227	0	0	821	434
50	Hill & 18th	0	858	1,070	0	0	0	18	211	0	21	971	32
51	Broadway & 18th	0	360	175	0	0	0	23	264	0	23	2,011	22
52	Main & 18th	0	355	63	0	0	0	209	265	0	35	2,093	30
53	Los Angeles & 18th	0	144	3	0	0	0	7	77	0	17	21	2,332
54	Figueroa & Washington	312	392	83	82	1,060	163	86	1,105	99	60	270	84
55	Flower & Washington	132	649	21	0	1,160	134	0	0	0	23	407	0
56	Grand & Washington	370	541	120	9	849	18	18	121	40	16	409	0
57	Olive & Washington	0	0	0	54	657	3	99	328	209	3	508	45
58	Hill & Washington	237	414	234	46	333	12	13	169	3	2	348	15
59	Broadway & Washington	20	287	68	33	360	23	44	232	10	3	588	10
60	Main & Washington	30	326	40	47	433	24	52	420	35	20	837	13
61	Los Angeles & Washington	41	49	40	29	382	4	11	25	2	2	717	19
62	San Pedro & Washington	44	427	53	32	324	49	33	368	73	63	744	88
63	Figueroa & Adams	73	824	83	275	562	167	77	1,199	142	142	237	95
64	Flower & Adams	48	1,136	0	14	961	102	0	0	0	136	272	0
65	I-110 NB Off General & Adams	63	0	237	0	496	0	229	0	353	0	268	0
66	Grand & Adams	65	377	29	18	412	29	21	36	14	28	492	39
67	Hill & Adams	48	236	15	21	393	11	15	192	18	11	467	55
68	Broadway & Adams	66	253	18	18	313	19	11	230	24	20	459	36
69	Main & Adams	31	358	13	24	315	37	38	463	28	27	400	52
70	Flower & Jefferson	71	913	28	0	514	93	0	0	0	234	465	0
71	Figueroa & Exposition	62	780	352	230	290	40	43	822	100	53	295	82
72	Flower & 37th Street	0	434	816	0	0	0	62	0	0	35	642	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	88	0	0	25	332	0	0	103	480
74	Hill & 37th Street	8	225	3	7	10	4	0	185	10	19	34	17
75	Broadway & 37th	2	311	1	1	0	0	1	257	4	13	15	4
76	Figueroa & 39th	14	645	75	143	15	66	48	696	20	20	45	170

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Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	61	190	26	0	130	222	78	0
78	Figueroa & MLK	139	360	421	109	878	156	101	543	74	84	1,177	159
79	I-110 SB Ramps & MLK	460	0	219	0	797	228	0	0	0	790	953	0
80	I-110 NB Ramps/Hill & MLK	116	81	20	23	628	104	84	142	270	413	590	34
81	Georgia & James Wood	0	0	0	0	0	0	112	661	0	10	775	184
82	Francisco & 9th	0	0	535	0	0	0	0	0	0	0	1,685	286
83	Figueroa & 9th	0	0	0	0	0	0	160	1,407	0	0	1,537	702
84	Flower & 9th	0	1,011	202	0	0	0	0	0	0	478	1,219	0
85	Broadway & 9th	0	305	38	0	0	0	15	406	0	96	783	115
86	Bixel & 8th	46	804	0	232	817	1,038	0	0	0	0	0	0
87	Francisco & 8th	19	9	0	5	2,024	105	0	0	636	0	0	0
88	Figueroa & 8th	0	0	0	333	1,511	0	0	1,988	613	0	0	0
89	Flower & 8th	389	955	0	0	1,458	121	0	0	0	0	0	0
90	Hill & 8th	140	363	0	59	761	83	0	534	38	0	0	0
91	Broadway & 8th	115	327	0	103	723	18	0	448	70	0	0	0
92	Bixel & Wilshire	37	208	7	39	597	68	108	101	25	114	501	52
93	Figueroa & Wilshire	0	0	0	196	256	0	140	2,625	182	0	355	408
94	Lucas & 6th	79	162	62	57	438	14	82	197	23	22	584	87
95	Bixel & 6th	47	96	32	32	504	45	67	42	30	88	610	33
96	Figueroa & 6th	0	0	0	0	0	0	353	2,877	0	0	1,236	248
97	Flower & 6th	0	556	104	0	0	0	0	0	0	562	1,018	0
98	Grand & 6th	0	504	56	0	0	0	0	0	0	71	1,154	0
99	Hill & 6th	0	455	82	0	0	0	80	623	0	62	999	18
100	Spring & 6th	0	892	179	0	0	0	0	0	0	174	884	0
101	Main & 6th	0	0	0	0	0	0	100	1,001	0	0	469	566
102	Figueroa & 5th	0	0	0	479	1,811	0	0	1,813	1,171	0	0	0
103	Grand & 5th	179	379	0	32	1,346	198	0	0	0	0	0	0
104	Olive & 5th	245	0	0	45	869	0	0	845	462	0	0	0
105	Hill & 5th	227	432	0	264	551	41	0	627	125	0	0	0
106	Spring & 5th	209	843	0	0	377	204	0	0	0	0	0	0
107	Main & 5th	0	0	0	93	395	0	0	1,401	184	0	0	0
108	Figueroa & 2nd	30	306	32	15	236	57	95	1,192	554	126	183	33
109	Beaudry & 1st	96	182	31	51	452	26	66	225	58	26	300	51
110	Hope & 1st	39	148	112	120	487	71	171	231	84	97	553	529
111	Grand & 1st	98	338	126	655	522	106	264	172	40	157	417	267
112	Olive & 1st	0	0	0	0	592	55	281	0	685	317	548	0
113	Hill & 1st	33	386	26	23	463	131	34	722	91	66	624	119
114	Spring & 1st	148	725	14	0	393	26	0	0	0	41	537	22
115	Main & 1st	0	0	0	21	416	0	70	1,209	60	0	431	181
116	Hope & Temple/US-101 Ramps	37	124	121	132	379	47	98	635	59	85	301	139

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Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	717	852	0	0	679	104
118	Los Angeles & Aliso	0	316	139	0	0	0	56	112	0	95	1,249	52
119	Grand & I-110 On-Ramp/US-101 Ramps	343	350	0	0	0	0	0	223	1,017	225	0	57
120	Beaudry & Sunset	24	179	70	22	980	151	96	109	121	277	1,262	57
121	Figueroa & Cesar Chavez	72	202	59	148	976	102	184	421	138	288	1,108	115
122	Grand & Cesar Chavez	10	194	10	155	564	239	55	110	118	176	516	14
123	Spring & Cesar Chavez	96	325	18	57	1,108	241	27	6	3	150	816	0
124	Main & Cesar Chavez	0	0	0	87	1,195	0	203	613	149	0	840	58
125	Alameda & Cesar Chavez	129	898	95	48	938	189	113	494	187	340	629	77
126	Main & Alpine	71	160	47	41	199	0	6	431	64	15	187	69
127	Alameda & Alpine	74	230	35	98	223	72	53	293	79	86	56	33
128	Hill & Alpine	37	544	154	224	101	40	18	919	18	9	112	30
129	Hill & College	44	681	205	159	112	44	81	1,116	15	28	107	76
130	Sunset & Elysian Park	0	615	56	575	0	971	59	977	0	0	0	0
131	Glendale & Bellevue	0	794	90	130	0	330	593	835	0	0	0	0
132	Glendale & Temple	180	612	78	118	323	18	10	1,147	60	70	267	198
133	Alvarado & US 101 NB Ramps	393	881	0	86	0	192	0	850	371	0	0	0
134	Alvarado & US 101 SB Ramps	0	927	169	0	0	0	255	871	0	189	4	319
135	Alvarado & Beverly	98	936	26	47	556	67	55	953	32	59	447	80
136	Vermont & 6th	95	1,163	70	80	588	92	62	1,355	84	90	571	92
137	Alvarado & 6th	118	857	28	71	535	92	150	880	44	60	522	61
138	Western & Wilshire	92	953	95	88	727	153	118	891	109	93	713	139
139	Normandie & Wilshire	68	415	43	57	1,098	75	99	415	37	44	828	40
140	Vermont & Wilshire	133	1,211	39	107	767	108	69	1,278	154	123	608	166
141	Alvarado & Wilshire	98	822	36	89	742	133	82	975	41	41	485	72
142	Vermont & 8th	108	1,189	60	69	507	32	50	1,314	89	92	404	46
143	Alvarado & 8th	104	774	40	118	488	152	82	898	20	44	369	119
144	Western & Olympic	113	1,016	202	266	1,098	130	98	1,247	113	71	850	92
145	Normandie & Olympic	106	560	73	98	1,432	97	79	499	117	121	1,105	78
146	Vermont & Olympic	151	1,075	93	133	1,271	142	78	1,156	113	77	860	175
147	Alvarado & Olympic	300	588	97	74	1,039	222	137	816	74	36	836	125
148	Union & Olympic	93	524	50	71	1,065	45	38	489	96	54	888	78
149	Western & Pico	92	977	44	54	545	68	67	968	87	83	510	93
150	Normandie & Pico	41	650	40	41	562	82	109	660	33	69	429	34
151	Vermont & Pico	87	1,137	71	104	674	206	86	1,167	107	74	533	73
152	Alvarado & Pico	161	640	79	265	824	351	88	772	42	44	504	193
153	Pico & Union	144	510	58	137	1,263	51	53	481	98	78	575	86
154	Hoover & Alvarado	0	666	0	13	0	1,017	649	814	0	0	0	0
155	Western & Venice	66	1,162	39	69	517	75	67	1,244	94	76	331	78
156	Normandie & Venice	51	711	36	30	548	36	36	748	86	103	359	66

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Peak Hour Traffic Volumes

157	Vermont & Venice	63	1,288	49	88	546	67	60	1,281	47	66	387	47
158	Hoover & Venice	167	1,431	63	116	452	213	49	1,182	77	92	255	118
159	Western & Washington	45	1,097	52	93	542	80	69	1,112	77	70	348	47
160	Normandie & Washington	41	769	47	48	509	94	102	805	104	90	312	46
161	Vermont & Washington	54	1,343	68	62	612	110	82	1,205	65	47	389	96
162	Hoover & Washington	207	1,391	132	102	522	87	88	1,056	78	43	383	120
163	I-10 WB Ramp & 20th	0	0	0	0	47	907	341	0	40	23	32	0
164	Vermont & I-10 EB Ramps	0	805	514	0	0	0	161	956	0	299	18	416
165	I-10 EB Ramp & Hoover	0	842	234	0	0	0	238	790	0	244	0	460
166	Hill & Venice	105	1,674	195	10	175	13	16	200	26	577	536	2
167	Broadway & Venice	21	448	3	13	129	10	11	281	40	124	609	11
168	Main & Venice	25	316	3	3	107	5	7	285	16	24	564	36
169	Los Angeles & Venice	6	286	7	9	121	23	3	113	3	28	524	6
170	San Pedro & Venice	104	409	0	117	146	218	0	150	53	530	0	18
171	Central & Venice	109	427	0	63	143	226	0	194	129	0	0	0
172	Central & Washington	33	584	58	58	287	49	25	487	38	112	620	88
173	Wilton Place (ext. of Arlington) & Wilshire	80	586	24	35	763	101	66	626	50	44	781	146
174	Arlington & Olympic	104	501	72	56	1,099	62	60	514	50	52	880	109
175	Arlington & Pico	73	486	66	60	558	37	43	503	78	56	551	66
176	Arlington & Venice	52	542	29	44	605	43	43	589	49	77	450	25
177	Arlington & Washington	44	632	25	36	537	83	84	591	49	78	401	62
178													
179													
180													
181													
182													
183													

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

Existing Plus Project (2011)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	16	2	19	105	991	39	133	288	146	18	591	188
2	Francisco & Olympic	74	7	58	24	1,042	35	17	6	10	7	738	15
3	Figueroa & Olympic	0	0	0	202	1,170	27	72	582	185	248	409	169
4	Flower & Olympic	571	269	66	0	828	25	0	0	0	111	381	0
5	Grand & Olympic	131	280	23	0	598	60	0	0	0	61	291	0
6	Olive & Olympic	0	0	0	22	470	0	63	301	187	0	251	55
7	Hill & Olympic	46	155	12	25	434	14	29	110	6	53	233	29
8	Broadway & Olympic	59	191	19	54	395	28	12	210	16	21	227	29
9	Main & Olympic	90	197	16	26	361	19	25	240	28	20	202	41
10	Los Angeles & Olympic	59	127	36	37	252	29	45	129	25	30	249	28
11	Santee & Olympic	91	41	13	22	182	11	71	51	39	52	261	23
12	Maple & Olympic	63	132	20	14	97	14	45	103	50	119	193	31
13	Maple & 9th	24	84	12	36	140	51	46	119	19	52	278	13
14	San Pedro & 9th	26	212	19	45	162	48	92	231	22	44	290	43
15	LA Live Way & Chick Hearn Ct	0	0	0	33	357	0	0	924	827	0	0	68
16	Figueroa & 11th	0	265	5	80	0	54	11	738	0	0	0	0
17	Flower & 11th	78	593	0	0	41	27	0	0	0	16	0	0
18	Grand & 11th	51	442	0	0	40	139	0	0	0	0	0	0
19	Olive & 11th	0	0	0	110	22	0	0	385	153	0	0	0
20	Figueroa & 12th	2	246	3	13	0	15	16	690	3	2	0	0
21	Flower & 12th	25	504	89	0	0	0	0	0	0	8	14	0
22	Grand & 12th	0	971	65	0	0	0	0	0	0	177	35	0
23	Olive & 12th	0	0	0	0	0	0	11	383	0	0	73	21
24	LA Live Way & Pico	0	0	0	0	245	0	134	153	784	0	700	0
25	LA Live Way & Bond	0	0	0	118	0	0	0	898	0	0	1	257
26	Figueroa & Pico	24	236	12	43	143	87	124	563	72	250	705	111
27	Flower & Pico	54	457	2	0	217	12	0	0	0	397	492	0
28	Grand & Pico	37	1,294	9	0	234	72	0	0	0	153	327	0
29	Olive & Pico	0	0	0	81	198	0	44	273	36	0	304	36
30	Hill & Pico	14	1,309	46	9	196	11	10	63	7	152	269	42
31	Broadway & Pico	22	261	3	18	143	20	11	144	19	68	231	28
32	Main & Pico	24	236	7	17	170	16	7	163	22	29	156	62
33	Blaine & Olympic	1	41	11	25	843	393	150	2	94	99	584	6
34	Blaine & SR 110 SB Off-Ramps	0	535	0	254	0	109	0	0	0	0	0	0
35	Blaine & 11th	67	539	45	0	0	1,219	0	0	0	109	0	0
36	Convention Center Drive & Venice	81	0	358	225	665	0	0	0	0	0	379	28

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Peak Hour Traffic Volumes

37	Figueroa & Venice	142	755	25	70	412	53	30	583	96	301	157	53
38	Flower & Venice	84	820	15	0	441	297	0	0	0	52	151	0
39	Grand & Venice	88	1,323	118	0	376	296	0	0	0	161	177	0
40	Olive & Venice	0	0	0	19	249	0	837	297	422	0	264	28
41	Grand & 17th	573	1,212	0	0	689	128	0	0	0	0	0	0
42	Olive & 17th	0	0	0	193	690	0	0	214	133	0	0	0
43	Hill & 17th	284	1,795	0	37	458	0	0	93	41	0	0	0
44	Broadway & 17th	52	422	0	29	408	14	0	161	28	0	0	0
45	Main & 17th	91	197	0	10	327	39	0	163	31	0	0	0
46	Los Angeles & 17th	86	265	0	66	275	39	0	25	11	0	0	0
47	Flower & 18th	0	448	3	0	0	0	0	0	0	8	272	0
48	Grand & 18th	0	819	559	0	0	0	143	0	0	50	251	0
49	Olive & 18th	0	0	0	0	0	0	199	101	0	0	706	251
50	Hill & 18th	0	750	1,057	0	0	0	18	108	0	21	868	20
51	Broadway & 18th	0	270	166	0	0	0	20	168	0	8	1,911	22
52	Main & 18th	0	190	48	0	0	0	79	178	0	28	2,001	18
53	Los Angeles & 18th	0	142	3	0	0	0	7	73	0	17	21	2,097
54	Figueroa & Washington	304	382	82	73	995	135	46	656	93	57	234	67
55	Flower & Washington	112	330	17	0	1,078	134	0	0	0	17	336	0
56	Grand & Washington	358	415	104	9	781	15	17	120	40	16	334	0
57	Olive & Washington	0	0	0	51	586	3	99	217	197	3	427	32
58	Hill & Washington	226	324	228	31	273	12	13	89	3	2	278	7
59	Broadway & Washington	20	206	44	29	285	18	35	141	10	3	514	7
60	Main & Washington	28	167	29	41	351	24	37	212	35	20	730	10
61	Los Angeles & Washington	41	48	40	29	307	4	11	25	2	2	646	16
62	San Pedro & Washington	43	422	52	32	260	48	28	364	59	54	679	87
63	Figueroa & Adams	72	696	82	249	547	115	70	715	130	135	225	94
64	Flower & Adams	27	800	0	2	889	102	0	0	0	134	254	0
65	I-110 NB Off General & Adams	57	0	222	0	448	0	166	0	332	0	244	0
66	Grand & Adams	65	254	29	18	364	29	21	36	14	28	405	39
67	Hill & Adams	48	156	15	21	345	11	15	75	18	11	395	40
68	Broadway & Adams	57	178	18	18	275	19	11	127	24	20	389	34
69	Main & Adams	29	203	13	24	279	37	38	258	28	27	348	35
70	Flower & Jefferson	17	647	23	0	401	92	0	0	0	175	294	0
71	Figueroa & Exposition	61	657	253	193	268	34	35	486	99	52	275	81
72	Flower & 37th Street	0	177	755	0	0	0	61	0	0	35	514	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	86	0	0	25	284	0	0	101	397
74	Hill & 37th Street	8	145	3	7	9	4	0	68	10	19	33	17
75	Broadway & 37th	2	223	1	1	0	0	1	151	3	12	15	4
76	Figueroa & 39th	14	546	46	125	15	65	47	375	20	20	44	168

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Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	60	190	26	0	112	193	77	0
78	Figueroa & MLK	136	301	381	84	867	146	98	248	71	81	1,162	156
79	I-110 SB Ramps & MLK	449	0	216	0	761	226	0	0	0	783	901	0
80	I-110 NB Ramps/Hill & MLK	115	2	20	23	594	103	83	26	267	408	542	34
81	Georgia & James Wood	0	0	0	0	0	0	107	529	0	10	403	161
82	Francisco & 9th	0	0	476	0	0	0	0	0	0	0	1,060	231
83	Figueroa & 9th	0	0	0	0	0	0	105	858	0	0	916	640
84	Flower & 9th	0	618	191	0	0	0	0	0	0	304	717	0
85	Broadway & 9th	0	230	35	0	0	0	15	286	0	40	578	62
86	Bixel & 8th	45	600	0	229	685	903	0	0	0	0	0	0
87	Francisco & 8th	0	0	0	0	1,604	19	0	0	597	0	0	0
88	Figueroa & 8th	0	0	0	317	1,186	0	0	1,562	426	0	0	0
89	Flower & 8th	379	601	0	0	1,127	71	0	0	0	0	0	0
90	Hill & 8th	74	191	0	49	487	35	0	443	34	0	0	0
91	Broadway & 8th	69	249	0	96	474	18	0	311	33	0	0	0
92	Bixel & Wilshire	24	171	7	10	466	62	107	85	25	101	415	13
93	Figueroa & Wilshire	0	0	0	195	163	0	139	2,245	126	0	285	308
94	Lucas & 6th	75	81	15	13	273	13	34	142	17	15	393	81
95	Bixel & 6th	29	77	26	27	254	33	49	31	26	82	346	22
96	Figueroa & 6th	0	0	0	0	0	0	314	2,435	0	0	801	161
97	Flower & 6th	0	301	101	0	0	0	0	0	0	364	742	0
98	Grand & 6th	0	299	43	0	0	0	0	0	0	40	904	0
99	Hill & 6th	0	236	61	0	0	0	79	510	0	22	779	18
100	Spring & 6th	0	513	154	0	0	0	0	0	0	155	673	0
101	Main & 6th	0	0	0	0	0	0	83	692	0	0	315	484
102	Figueroa & 5th	0	0	0	461	1,482	0	0	1,519	937	0	0	0
103	Grand & 5th	166	245	0	29	957	129	0	0	0	0	0	0
104	Olive & 5th	184	0	0	36	497	0	0	590	435	0	0	0
105	Hill & 5th	67	209	0	218	330	25	0	515	124	0	0	0
106	Spring & 5th	73	476	0	0	212	167	0	0	0	0	0	0
107	Main & 5th	0	0	0	79	232	0	0	1,050	145	0	0	0
108	Figueroa & 2nd	30	302	28	15	217	56	86	988	535	121	161	33
109	Beaudry & 1st	70	122	31	50	238	23	46	187	54	26	145	34
110	Hope & 1st	39	90	70	73	271	49	170	207	83	77	369	524
111	Grand & 1st	76	245	23	543	289	94	18	103	11	125	222	266
112	Olive & 1st	0	0	0	0	435	37	188	0	486	31	262	0
113	Hill & 1st	33	226	26	23	288	18	25	617	91	17	321	92
114	Spring & 1st	64	250	12	0	199	14	0	0	0	18	296	22
115	Main & 1st	0	0	0	19	232	0	54	854	37	0	317	50
116	Hope & Temple/US-101 Ramps	37	67	75	89	335	43	97	562	58	45	234	117

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	548	534	0	0	415	49
118	Los Angeles & Aliso	0	275	137	0	0	0	8	106	0	35	919	10
119	Grand & I-110 On-Ramp/US-101 Ramps	220	216	0	0	0	0	0	138	848	95	0	29
120	Beaudry & Sunset	17	109	22	22	879	112	71	81	120	274	1,155	56
121	Figueroa & Cesar Chavez	71	170	58	71	844	101	166	252	131	282	943	107
122	Grand & Cesar Chavez	10	56	10	153	454	153	43	40	88	145	370	14
123	Spring & Cesar Chavez	65	62	18	56	993	227	27	6	3	129	732	0
124	Main & Cesar Chavez	0	0	0	31	1,088	0	185	299	128	0	756	57
125	Alameda & Cesar Chavez	127	760	85	47	820	187	112	375	185	336	532	76
126	Main & Alpine	45	158	46	41	170	0	6	206	1	15	124	50
127	Alameda & Alpine	73	194	24	72	55	22	35	239	43	62	27	33
128	Hill & Alpine	37	403	74	125	100	40	18	796	18	9	111	30
129	Hill & College	43	460	146	83	111	43	80	894	15	28	106	75
130	Sunset & Elysian Park	0	516	55	568	0	959	58	870	0	0	0	0
131	Glendale & Bellevue	0	693	89	128	0	307	525	753	0	0	0	0
132	Glendale & Temple	156	473	77	94	291	18	10	1,025	55	47	219	194
133	Alvarado & US 101 NB Ramps	303	807	0	74	0	173	0	714	364	0	0	0
134	Alvarado & US 101 SB Ramps	0	824	147	0	0	0	249	793	0	181	4	228
135	Alvarado & Beverly	97	844	26	46	324	66	50	877	32	58	277	79
136	Vermont & 6th	89	955	69	79	418	84	55	1,118	75	84	393	86
137	Alvarado & 6th	99	787	28	70	375	80	132	791	43	59	357	58
138	Western & Wilshire	91	852	94	87	665	130	97	796	97	86	648	137
139	Normandie & Wilshire	67	391	33	49	1,027	67	90	388	36	43	758	40
140	Vermont & Wilshire	82	1,042	36	103	693	104	68	1,067	86	69	538	128
141	Alvarado & Wilshire	97	742	36	86	688	111	59	871	41	41	435	71
142	Vermont & 8th	94	1,014	51	59	389	32	49	1,111	79	86	290	34
143	Alvarado & 8th	102	671	40	115	348	152	81	772	20	43	212	118
144	Western & Olympic	112	893	194	252	940	118	91	1,127	112	70	703	91
145	Normandie & Olympic	91	529	69	93	1,270	89	73	471	90	71	923	54
146	Vermont & Olympic	142	913	84	115	1,115	140	76	977	96	54	694	160
147	Alvarado & Olympic	298	495	91	68	867	176	119	697	73	36	662	123
148	Union & Olympic	92	517	49	58	846	45	38	482	95	53	693	77
149	Western & Pico	80	855	43	53	463	67	66	851	86	82	426	86
150	Normandie & Pico	40	572	32	36	481	81	108	604	33	68	347	34
151	Vermont & Pico	85	954	69	103	588	205	85	972	106	73	443	71
152	Alvarado & Pico	151	512	78	263	745	349	69	640	42	43	415	189
153	Pico & Union	142	491	56	135	1,183	42	52	475	97	77	467	85
154	Hoover & Alvarado	0	639	0	13	0	886	500	737	0	0	0	0
155	Western & Venice	65	1,038	39	68	485	74	66	1,124	93	75	293	77
156	Normandie & Venice	50	632	36	30	516	36	36	691	85	102	321	65

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

157	Vermont & Venice	62	1,105	48	87	514	66	59	1,084	46	65	349	46
158	Hoover & Venice	166	1,276	62	115	421	199	43	960	76	91	218	117
159	Western & Washington	44	974	51	92	459	79	68	993	76	69	268	46
160	Normandie & Washington	41	690	46	47	427	93	101	747	103	89	232	45
161	Vermont & Washington	53	1,159	67	61	529	109	81	1,009	64	46	308	95
162	Hoover & Washington	205	1,236	119	85	440	86	87	846	77	42	302	119
163	I-10 WB Ramp & 20th	0	0	0	0	46	804	287	0	40	23	32	0
164	Vermont & I-10 EB Ramps	0	732	474	0	0	0	159	799	0	254	18	346
165	I-10 EB Ramp & Hoover	0	760	230	0	0	0	235	672	0	228	0	390
166	Hill & Venice	95	1,525	191	4	154	13	16	81	26	577	530	2
167	Broadway & Venice	17	354	3	13	116	10	11	188	29	120	603	11
168	Main & Venice	21	201	3	3	99	5	7	173	16	24	558	36
169	Los Angeles & Venice	6	260	7	9	113	23	3	84	3	28	523	6
170	San Pedro & Venice	103	404	0	116	138	215	0	148	52	529	0	18
171	Central & Venice	108	382	0	62	134	223	0	152	127	0	0	0
172	Central & Washington	30	463	46	39	227	48	25	397	38	111	557	80
173	Wilton Place (ext. of Arlington) & Wilshire	79	579	24	35	689	100	65	619	49	43	710	144
174	Arlington & Olympic	103	495	71	55	941	61	59	508	49	51	732	108
175	Arlington & Pico	72	480	65	59	465	37	42	497	77	55	460	65
176	Arlington & Venice	51	536	29	43	572	42	42	582	48	76	411	25
177	Arlington & Washington	43	624	25	36	454	82	83	584	48	77	320	61
178													
179													
180													
181													
182													
183													

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday LACC Dark - Pre-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

EXISTING CONDITIONS (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
Grand Avenue										
- North of 1st St.	70	10	45	35	672	6,720	0	0	67.1	66.1
- South of 1st St.	70	10	45	35	627	6,270	0	0	66.8	65.8
- North of 11th St.	70	10	45	35	343	3,430	0	0	64.2	63.2
- Between 11th and 12th St.	50	10	35	35	319	3,190	0	0	65.0	64.1
- Between 12th St. and Venice Ave.	50	10	35	35	312	3,120	0	0	64.9	64.0
- Between Venice Ave. and 17th St.	50	10	35	35	336	3,360	0	0	65.3	64.3
- Between 17th St. and Washington Ave.	50	10	35	35	266	2,660	0	0	64.2	63.3
- South of Washington Ave.	50	10	35	35	233	2,330	0	0	63.7	62.7
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	762	7,620	0	0	67.6	66.6
- Between 5th St. and Wilshire Blvd.	70	10	45	35	958	9,580	0	0	68.6	67.6
- Between Wilshire Blvd. and 9th St.	70	10	45	35	772	7,720	0	0	67.7	66.7
- Between 9th St. and Olympic Blvd.	70	10	45	35	723	7,230	0	0	67.4	66.4
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	828	8,280	0	0	68.0	67.0
- South of Pico Blvd.	70	10	45	35	922	9,220	0	0	68.4	67.5
Flower Street										
- North of 6th St.	70	10	45	35	434	4,340	0	0	65.2	64.2
- Between 6th St. and 8th St.	60	10	40	35	545	5,450	0	0	66.8	65.8
- Between 8th and Pico Blvd.	60	10	40	35	370	3,700	0	0	65.1	64.1
- South of Pico Blvd.	40	10	30	35	225	2,250	0	0	64.3	63.3
- South of 18th St.	40	10	30	35	122	1,220	0	0	61.7	60.7
Hope Street										
- North of 1st St.	60	10	40	35	450	4,500	0	0	65.9	65.0
- South of 1st St.	70	10	45	35	376	3,760	0	0	64.6	63.6
1st Street										

EXISTING CONDITIONS (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- Between Hope St. and Grand Ave.	80	10	50	35	785	7,850	0	0	67.3	66.4
2nd Street										
- West of Figueroa St.	80	10	50	35	530	5,300	0	0	65.6	64.7
- East of Figueroa St.	70	10	45	35	429	4,290	0	0	65.1	64.1
6th Street										
- West of Lucas Ave.	40	10	30	35	812	8,120	0	0	69.9	68.9
- Between Lucas Ave. & Bixel St.	40	10	30	35	670	6,700	0	0	69.1	68.1
- East of Bixel St.	40	10	30	35	631	6,310	0	0	68.8	67.8
- East of Flower St.	40	10	30	35	878	8,780	0	0	70.2	69.3
- West of Main St.	40	10	30	35	700	7,000	0	0	69.3	68.3
- East of Main St.	40	10	30	35	610	6,100	0	0	68.7	67.7
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	1,605	16,050	0	0	70.5	69.5
- Between Alvarado St. & Union Ave.	80	10	50	35	1,570	15,700	0	0	70.4	69.4
- Between Union Ave. & Blaine St.	80	10	50	35	1,392	13,920	0	0	69.8	68.9
- Between Blaine St. & Georgia St.	80	10	50	35	1,482	14,820	0	0	70.1	69.1
- Between George St. & Francisco St.	80	10	50	35	1,581	15,810	0	0	70.4	69.4
- Between Francisco St. & Figueroa St.	80	10	50	35	1,474	14,740	0	0	70.1	69.1
- Between Figueroa St. & Flower St.	70	10	45	35	1,397	13,970	0	0	70.3	69.3
- East of Flower St.	70	10	45	35	1,128	11,280	0	0	69.3	68.3
W. 11th Street										
- West of Blaine St.	40	10	30	35	377	3,770	0	0	66.6	65.6
- Between Blaine St. & LA Live Wy.	40	10	30	35	311	3,110	0	0	65.7	64.8
- East of LA Live Wy.	60	10	40	35	313	3,130	0	0	64.4	63.4
- West of Grand Ave.	40	10	30	35	187	1,870	0	0	63.5	62.5
- East of Grand Ave.	40	10	30	35	162	1,620	0	0	62.9	61.9
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,419	14,190	0	0	70.9	69.9
- Between Alvarado St. & Union Ave.	60	10	40	35	1,525	15,250	0	0	71.2	70.3
- Between Union Ave. & Figueroa St.	60	10	40	35	1,105	11,050	0	0	69.8	68.9
- Between Figueroa & Flower St.	70	10	45	35	656	6,560	0	0	67.0	66.0
- East of Hill St.	50	10	35	35	463	4,630	0	0	66.7	65.7
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	628	6,280	0	0	68.6	67.6
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	429	4,290	0	0	66.9	65.9
Venice Boulevard										
- East of Olive St.	40	10	30	35	333	3,330	0	0	66.0	65.0
W. 12th Street										

EXISTING CONDITIONS (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- West of Grand Ave.	40	10	30	35	79	790	0	0	59.8	58.8
E. 17th Street										
- West of Grand Ave.	40	10	30	35	635	6,350	0	0	68.8	67.9
W. 18th Street										
- West of Flower St.	40	10	30	35	35	350	0	0	56.2	55.3
- West of Grand Ave.	40	10	30	35	35	350	0	0	56.2	55.3
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,104	11,040	0	0	68.8	67.9
- Between Flower St. & Grand Ave.	80	10	50	35	925	9,250	0	0	68.1	67.1
- Between Grand Ave. & Los Angeles St.	80	10	50	35	789	7,890	0	0	67.4	66.4
- East of Los Angeles St.	80	10	50	35	722	7,220	0	0	67.0	66.0
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	257	2,570	0	0	62.9	61.9
- East of I-110 Fwy.	50	10	35	35	153	1,530	0	0	61.8	60.9
Alvarado Street										
- North of 8th St.	60	10	40	35	1,373	13,730	0	0	70.8	69.8
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,384	13,840	0	0	70.8	69.8
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,345	13,450	0	0	70.7	69.7
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,179	11,790	0	0	70.1	69.1
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,108	11,080	0	0	71.0	70.1
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,077	10,770	0	0	70.9	69.9
- South of Pico Blvd.	40	10	30	30	1,074	10,740	0	0	70.9	69.9
Lucas Ave.										
- North of 6th St.	40	10	30	30	338	3,380	0	0	65.9	64.9
- South of 6th St.	40	10	30	30	224	2,240	0	0	64.1	63.1
Bixel Street										
- North of 8th St.	40	10	30	30	207	2,070	0	0	63.8	62.8
- Between 8th St. & Wilshire Blvd.	40	10	30	30	276	2,760	0	0	65.0	64.0
- Between Wilshire Blvd. & 6th St.	40	10	30	30	556	5,560	0	0	68.1	67.1
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,269	12,690	0	0	71.0	70.1
- Between Flower St. & Grand Ave.	50	10	35	35	1,009	10,090	0	0	70.0	69.1
- Between Grand Ave. and Main St.	50	10	35	35	862	8,620	0	0	69.4	68.4
- East of Main St.	50	10	35	35	825	8,250	0	0	69.2	68.2
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	956	9,560	0	0	69.8	68.8
- Between Bixel St. & Figueroa St.	50	10	35	35	831	8,310	0	0	69.2	68.2

EXISTING CONDITIONS (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	613	6,130	0	0	67.9	66.9

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday LACC Dark - Pre-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
Grand Avenue										
- North of 1st St.	70	10	45	35	1,054	10,540	0	0	69.0	68.1
- South of 1st St.	70	10	45	35	1,105	11,050	0	0	69.2	68.3
- North of 11th St.	70	10	45	35	684	6,840	0	0	67.2	66.2
- Between 11th and 12th St.	50	10	35	35	775	7,750	0	0	68.9	67.9
- Between 12th St. and Venice Ave.	50	10	35	35	738	7,380	0	0	68.7	67.7
- Between Venice Ave. and 17th St.	50	10	35	35	746	7,460	0	0	68.7	67.8
- Between 17th St. and Washington Ave.	50	10	35	35	432	4,320	0	0	66.4	65.4
- South of Washington Ave.	50	10	35	35	358	3,580	0	0	65.5	64.6
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	1,031	10,310	0	0	68.9	68.0
- Between 5th St. and Wilshire Blvd.	70	10	45	35	1,461	14,610	0	0	70.4	69.5
- Between Wilshire Blvd. and 9th St.	70	10	45	35	1,278	12,780	0	0	69.9	68.9
- Between 9th St. and Olympic Blvd.	70	10	45	35	1,303	13,030	0	0	69.9	69.0
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	1,452	14,520	0	0	70.4	69.4
- South of Pico Blvd.	70	10	45	35	1,429	14,290	0	0	70.4	69.4
Flower Street										
- North of 6th St.	70	10	45	35	700	7,000	0	0	67.3	66.3
- Between 6th St. and 8th St.	60	10	40	35	949	9,490	0	0	69.2	68.2
- Between 8th and Pico Blvd.	60	10	40	35	841	8,410	0	0	68.6	67.7
- South of Pico Blvd.	40	10	30	35	715	7,150	0	0	69.3	68.4
- South of 18th St.	40	10	30	35	511	5,110	0	0	67.9	66.9
Hope Street										
- North of 1st St.	60	10	40	35	611	6,110	0	0	67.3	66.3
- South of 1st St.	70	10	45	35	484	4,840	0	0	65.6	64.7
1st Street										

FUTURE WITHOUT PROJECT (2038)

FUTURE WITHOUT PROJECT (2038)		Distance to	Distance to							
Roadway Segment	Roadway Width*, ft	Edge of Roadway, ft	Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- Between Hope St. and Grand Ave.	80	10	50	35	1,262	12,620	0	0	69.4	68.4
2nd Street										
- West of Figueroa St.	80	10	50	35	600	6,000	0	0	66.2	65.2
- East of Figueroa St.	70	10	45	35	476	4,760	0	0	65.6	64.6
6th Street										
- West of Lucas Ave.	40	10	30	35	1,205	12,050	0	0	71.6	70.6
- Between Lucas Ave. & Bixel St.	40	10	30	35	1,203	12,030	0	0	71.6	70.6
- East of Bixel St.	40	10	30	35	1,202	12,020	0	0	71.6	70.6
- East of Flower St.	40	10	30	35	1,192	11,920	0	0	71.6	70.6
- West of Main St.	40	10	30	35	988	9,880	0	0	70.7	69.8
- East of Main St.	40	10	30	35	839	8,390	0	0	70.0	69.1
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	1,944	19,440	0	0	71.3	70.3
- Between Alvarado St. & Union Ave.	80	10	50	35	1,964	19,640	0	0	71.3	70.4
- Between Union Ave. & Blaine St.	80	10	50	35	1,787	17,870	0	0	70.9	69.9
- Beween Blanine St. & Georgia St.	80	10	50	35	1,960	19,600	0	0	71.3	70.3
- Between George St. & Francisco St.	80	10	50	35	2,032	20,320	0	0	71.5	70.5
- Between Francisco St. & Figueroa St.	80	10	50	35	1,999	19,990	0	0	71.4	70.4
- Between Figueroa St. & Flower St.	70	10	45	35	1,880	18,800	0	0	71.5	70.6
- East of Flower St.	70	10	45	35	1,595	15,950	0	0	70.8	69.9
W. 11th Street										
- West of Blaine St.	40	10	30	35	394	3,940	0	0	66.8	65.8
- Between Blaine St. & LA Live Wy.	40	10	30	35	450	4,500	0	0	67.3	66.4
- East of LA Live Wy.	60	10	40	35	498	4,980	0	0	66.4	65.4
- West of Grand Ave.	40	10	30	35	497	4,970	0	0	67.8	66.8
- East of Grand Ave.	40	10	30	35	617	6,170	0	0	68.7	67.7
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,604	16,040	0	0	71.5	70.5
- Between Alvarado St.& Union Ave.	60	10	40	35	1,717	17,170	0	0	71.7	70.8
- Between Union Ave. & Figueroa St.	60	10	40	35	1,327	13,270	0	0	70.6	69.7
- Between Figueroa & Flower St.	70	10	45	35	881	8,810	0	0	68.2	67.3
- East of Hill St.	50	10	35	35	617	6,170	0	0	67.9	66.9
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	772	7,720	0	0	69.5	68.5
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	516	5,160	0	0	67.7	66.8
Venice Boulevard										
- East of Olive St.	40	10	30	35	360	3,600	0	0	66.4	65.4
W. 12th Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- West of Grand Ave.	40	10	30	35	274	2,740	0	0	65.2	64.2
E. 17th Street										
- West of Grand Ave.	40	10	30	35	995	9,950	0	0	70.8	69.8
W. 18th Street										
- West of Flower St.	40	10	30	35	76	760	0	0	59.6	58.6
- West of Grand Ave.	40	10	30	35	76	760	0	0	59.6	58.6
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,259	12,590	0	0	69.4	68.4
- Between Flower St. & Grand Ave.	80	10	50	35	1,084	10,840	0	0	68.8	67.8
- Between Grand Ave. & Los Angeles St.	80	10	50	35	946	9,460	0	0	68.2	67.2
- East of Los Angeles St.	80	10	50	35	868	8,680	0	0	67.8	66.8
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	305	3,050	0	0	63.6	62.7
- East of I-110 Fwy.	50	10	35	35	155	1,550	0	0	61.9	60.9
Alvarado Street										
- North of 8th St.	60	10	40	35	1,603	16,030	0	0	71.4	70.5
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,609	16,090	0	0	71.5	70.5
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,604	16,040	0	0	71.5	70.5
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,359	13,590	0	0	70.7	69.8
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,134	11,340	0	0	71.1	70.2
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,093	10,930	0	0	71.0	70.0
- South of Pico Blvd.	40	10	30	30	1,095	10,950	0	0	71.0	70.0
Lucas Ave.										
- North of 6th St.	40	10	30	30	571	5,710	0	0	68.2	67.2
- South of 6th St.	40	10	30	30	396	3,960	0	0	66.6	65.6
Bixel Street										
- North of 8th St.	40	10	30	30	270	2,700	0	0	64.9	63.9
- Between 8th St. & Wilshire Blvd.	40	10	30	30	377	3,770	0	0	66.4	65.4
- Between Wilshire Blvd. & 6th St.	40	10	30	30	709	7,090	0	0	69.1	68.1
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,414	14,140	0	0	71.5	70.5
- Between Flower St. & Grand Ave.	50	10	35	35	1,138	11,380	0	0	70.6	69.6
- Between Grand Ave. and Main St.	50	10	35	35	985	9,850	0	0	69.9	69.0
- East of Main St.	50	10	35	35	913	9,130	0	0	69.6	68.6
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	1,210	12,100	0	0	70.8	69.9
- Between Bixel St. & Figueroa St.	50	10	35	35	1,070	10,700	0	0	70.3	69.3

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	748	7,480	0	0	68.7	67.8

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday LACC Dark - Pre-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
Grand Avenue										
- North of 1st St.	70	10	45	35	1,420	14,200	0	0	70.3	69.3
- South of 1st St.	70	10	45	35	1,505	15,050	0	0	70.6	69.6
- North of 11th St.	70	10	45	35	744	7,440	0	0	67.5	66.5
- Between 11th and 12th St.	50	10	35	35	969	9,690	0	0	69.9	68.9
- Between 12th St. and Venice Ave.	50	10	35	35	762	7,620	0	0	68.8	67.8
- Between Venice Ave. and 17th St.	50	10	35	35	759	7,590	0	0	68.8	67.8
- Between 17th St. and Washington Ave.	50	10	35	35	454	4,540	0	0	66.6	65.6
- South of Washington Ave.	50	10	35	35	426	4,260	0	0	66.3	65.3
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	1,153	11,530	0	0	69.4	68.4
- Between 5th St. and Wilshire Blvd.	70	10	45	35	1,528	15,280	0	0	70.6	69.7
- Between Wilshire Blvd. and 9th St.	70	10	45	35	1,763	17,630	0	0	71.3	70.3
- Between 9th St. and Olympic Blvd.	70	10	45	35	1,574	15,740	0	0	70.8	69.8
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	1,861	18,610	0	0	71.5	70.5
- South of Pico Blvd.	70	10	45	35	1,928	19,280	0	0	71.7	70.7
Flower Street										
- North of 6th St.	70	10	45	35	1,174	11,740	0	0	69.5	68.5
- Between 6th St. and 8th St.	60	10	40	35	1,806	18,060	0	0	72.0	71.0
- Between 8th and Pico Blvd.	60	10	40	35	1,020	10,200	0	0	69.5	68.5
- South of Pico Blvd.	40	10	30	35	727	7,270	0	0	69.4	68.4
- South of 18th St.	40	10	30	35	511	5,110	0	0	67.9	66.9
Hope Street										
- North of 1st St.	60	10	40	35	976	9,760	0	0	69.3	68.3
- South of 1st St.	70	10	45	35	829	8,290	0	0	68.0	67.0
1st Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- Between Hope St. and Grand Ave.	80	10	50	35	1,311	13,110	0	0	69.6	68.6
2nd Street										
- West of Figueroa St.	80	10	50	35	621	6,210	0	0	66.3	65.4
- East of Figueroa St.	70	10	45	35	494	4,940	0	0	65.7	64.8
6th Street										
- West of Lucas Ave.	40	10	30	35	1,217	12,170	0	0	71.7	70.7
- Between Lucas Ave. & Bixel St.	40	10	30	35	1,373	13,730	0	0	72.2	71.2
- East of Bixel St.	40	10	30	35	1,372	13,720	0	0	72.2	71.2
- East of Flower St.	40	10	30	35	1,708	17,080	0	0	73.1	72.1
- West of Main St.	40	10	30	35	990	9,900	0	0	70.8	69.8
- East of Main St.	40	10	30	35	841	8,410	0	0	70.0	69.1
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	2,233	22,330	0	0	71.9	70.9
- Between Alvarado St. & Union Ave.	80	10	50	35	2,429	24,290	0	0	72.3	71.3
- Between Union Ave. & Blaine St.	80	10	50	35	2,359	23,590	0	0	72.1	71.2
- Between Blaine St. & Georgia St.	80	10	50	35	2,752	27,520	0	0	72.8	71.8
- Between George St. & Francisco St.	80	10	50	35	2,781	27,810	0	0	72.8	71.9
- Between Francisco St. & Figueroa St.	80	10	50	35	3,082	30,820	0	0	73.3	72.3
- Between Figueroa St. & Flower St.	70	10	45	35	2,548	25,480	0	0	72.9	71.9
- East of Flower St.	70	10	45	35	2,193	21,930	0	0	72.2	71.2
W. 11th Street										
- West of Blaine St.	40	10	30	35	417	4,170	0	0	67.0	66.0
- Between Blaine St. & LA Live Wy.	40	10	30	35	579	5,790	0	0	68.4	67.5
- East of LA Live Wy.	60	10	40	35	236	2,360	0	0	63.1	62.2
- West of Grand Ave.	40	10	30	35	472	4,720	0	0	67.5	66.6
- East of Grand Ave.	40	10	30	35	874	8,740	0	0	70.2	69.2
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,774	17,740	0	0	71.9	70.9
- Between Alvarado St. & Union Ave.	60	10	40	35	2,074	20,740	0	0	72.6	71.6
- Between Union Ave. & Figueroa St.	60	10	40	35	1,817	18,170	0	0	72.0	71.0
- Between Figueroa & Flower St.	70	10	45	35	1,467	14,670	0	0	70.5	69.5
- East of Hill St.	50	10	35	35	786	7,860	0	0	69.0	68.0
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	992	9,920	0	0	70.6	69.6
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	1,369	13,690	0	0	72.0	71.0
Venice Boulevard										
- East of Olive St.	40	10	30	35	708	7,080	0	0	69.3	68.3
W. 12th Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- West of Grand Ave.	40	10	30	35	274	2,740	0	0	65.2	64.2
E. 17th Street										
- West of Grand Ave.	40	10	30	35	1,123	11,230	0	0	71.3	70.3
W. 18th Street										
- West of Flower St.	40	10	30	35	121	1,210	0	0	61.6	60.7
- West of Grand Ave.	40	10	30	35	121	1,210	0	0	61.6	60.7
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,398	13,980	0	0	69.9	68.9
- Between Flower St. & Grand Ave.	80	10	50	35	1,215	12,150	0	0	69.2	68.3
- Between Grand Ave. & Los Angeles St.	80	10	50	35	1,070	10,700	0	0	68.7	67.7
- East of Los Angeles St.	80	10	50	35	958	9,580	0	0	68.2	67.2
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	332	3,320	0	0	64.0	63.0
- East of I-110 Fwy.	50	10	35	35	295	2,950	0	0	64.7	63.7
Alvarado Street										
- North of 8th St.	60	10	40	35	1,661	16,610	0	0	71.6	70.6
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,624	16,240	0	0	71.5	70.5
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,879	18,790	0	0	72.1	71.2
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,541	15,410	0	0	71.3	70.3
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,182	11,820	0	0	71.3	70.4
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,195	11,950	0	0	71.4	70.4
- South of Pico Blvd.	40	10	30	30	1,143	11,430	0	0	71.2	70.2
Lucas Ave.										
- North of 6th St.	40	10	30	30	888	8,880	0	0	70.1	69.1
- South of 6th St.	40	10	30	30	556	5,560	0	0	68.1	67.1
Bixel Street										
- North of 8th St.	40	10	30	30	270	2,700	0	0	64.9	63.9
- Between 8th St. & Wilshire Blvd.	40	10	30	30	377	3,770	0	0	66.4	65.4
- Between Wilshire Blvd. & 6th St.	40	10	30	30	709	7,090	0	0	69.1	68.1
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,451	14,510	0	0	71.6	70.6
- Between Flower St. & Grand Ave.	50	10	35	35	1,510	15,100	0	0	71.8	70.8
- Between Grand Ave. and Main St.	50	10	35	35	1,266	12,660	0	0	71.0	70.0
- East of Main St.	50	10	35	35	913	9,130	0	0	69.6	68.6
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	1,415	14,150	0	0	71.5	70.5
- Between Bixel St. & Figueroa St.	50	10	35	35	1,275	12,750	0	0	71.1	70.1

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	1,066	10,660	0	0	70.3	69.3

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday LACC Dark - Pre-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
Grand Avenue										
- North of 1st St.	70	10	45	35	1,038	10,380	0	0	69.0	68.0
- South of 1st St.	70	10	45	35	1,027	10,270	0	0	68.9	67.9
- North of 11th St.	70	10	45	35	402	4,020	0	0	64.8	63.9
- Between 11th and 12th St.	50	10	35	35	512	5,120	0	0	67.1	66.1
- Between 12th St. and Venice Ave.	50	10	35	35	336	3,360	0	0	65.3	64.3
- Between Venice Ave. and 17th St.	50	10	35	35	349	3,490	0	0	65.4	64.5
- Between 17th St. and Washington Ave.	50	10	35	35	287	2,870	0	0	64.6	63.6
- South of Washington Ave.	50	10	35	35	301	3,010	0	0	64.8	63.8
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	884	8,840	0	0	68.3	67.3
- Between 5th St. and Wilshire Blvd.	70	10	45	35	1,025	10,250	0	0	68.9	67.9
- Between Wilshire Blvd. and 9th St.	70	10	45	35	1,251	12,510	0	0	69.8	68.8
- Between 9th St. and Olympic Blvd.	70	10	45	35	1,002	10,020	0	0	68.8	67.8
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	1,213	12,130	0	0	69.6	68.7
- South of Pico Blvd.	70	10	45	35	1,421	14,210	0	0	70.3	69.4
Flower Street										
- North of 6th St.	70	10	45	35	908	9,080	0	0	68.4	67.4
- Between 6th St. and 8th St.	60	10	40	35	1,402	14,020	0	0	70.9	69.9
- Between 8th and Pico Blvd.	60	10	40	35	558	5,580	0	0	66.9	65.9
- South of Pico Blvd.	40	10	30	35	255	2,550	0	0	64.9	63.9
- South of 18th St.	40	10	30	35	122	1,220	0	0	61.7	60.7
Hope Street										
- North of 1st St.	60	10	40	35	815	8,150	0	0	68.5	67.5
- South of 1st St.	70	10	45	35	721	7,210	0	0	67.4	66.4
1st Street										

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- Between Hope St. and Grand Ave.	80	10	50	35	834	8,340	0	0	67.6	66.6
2nd Street										
- West of Figueroa St.	80	10	50	35	551	5,510	0	0	65.8	64.8
- East of Figueroa St.	70	10	45	35	447	4,470	0	0	65.3	64.3
6th Street										
- West of Lucas Ave.	40	10	30	35	824	8,240	0	0	70.0	69.0
- Between Lucas Ave. & Bixel St.	40	10	30	35	839	8,390	0	0	70.0	69.1
- East of Bixel St.	40	10	30	35	801	8,010	0	0	69.8	68.9
- East of Flower St.	40	10	30	35	1,394	13,940	0	0	72.2	71.3
- West of Main St.	40	10	30	35	702	7,020	0	0	69.3	68.3
- East of Main St.	40	10	30	35	612	6,120	0	0	68.7	67.7
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	1,894	18,940	0	0	71.2	70.2
- Between Alvarado St. & Union Ave.	80	10	50	35	2,034	20,340	0	0	71.5	70.5
- Between Union Ave. & Blaine St.	80	10	50	35	1,918	19,180	0	0	71.2	70.3
- Between Blaine St. & Georgia St.	80	10	50	35	2,228	22,280	0	0	71.9	70.9
- Between George St. & Francisco St.	80	10	50	35	2,226	22,260	0	0	71.9	70.9
- Between Francisco St. & Figueroa St.	80	10	50	35	2,452	24,520	0	0	72.3	71.3
- Between Figueroa St. & Flower St.	70	10	45	35	2,019	20,190	0	0	71.9	70.9
- East of Flower St.	70	10	45	35	1,680	16,800	0	0	71.1	70.1
W. 11th Street										
- West of Blaine St.	40	10	30	35	237	2,370	0	0	64.5	63.6
- Between Blaine St. & LA Live Wy.	40	10	30	35	439	4,390	0	0	67.2	66.2
- East of LA Live Wy.	60	10	40	35	228	2,280	0	0	63.0	62.0
- West of Grand Ave.	40	10	30	35	208	2,080	0	0	64.0	63.0
- East of Grand Ave.	40	10	30	35	465	4,650	0	0	67.5	66.5
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,589	15,890	0	0	71.4	70.4
- Between Alvarado St. & Union Ave.	60	10	40	35	1,882	18,820	0	0	72.1	71.2
- Between Union Ave. & Figueroa St.	60	10	40	35	1,579	15,790	0	0	71.4	70.4
- Between Figueroa & Flower St.	70	10	45	35	1,211	12,110	0	0	69.6	68.7
- East of Hill St.	50	10	35	35	632	6,320	0	0	68.0	67.0
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	848	8,480	0	0	69.9	68.9
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	1,280	12,800	0	0	71.7	70.7
Venice Boulevard										
- East of Olive St.	40	10	30	35	681	6,810	0	0	69.1	68.2
W. 12th Street										

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- West of Grand Ave.	40	10	30	35	79	790	0	0	59.8	58.8
E. 17th Street										
- West of Grand Ave.	40	10	30	35	763	7,630	0	0	69.6	68.6
W. 18th Street										
- West of Flower St.	40	10	30	35	80	800	0	0	59.8	58.9
- West of Grand Ave.	40	10	30	35	80	800	0	0	59.8	58.9
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,243	12,430	0	0	69.3	68.4
- Between Flower St. & Grand Ave.	80	10	50	35	1,056	10,560	0	0	68.6	67.7
- Between Grand Ave. & Los Angeles St.	80	10	50	35	913	9,130	0	0	68.0	67.0
- East of Los Angeles St.	80	10	50	35	812	8,120	0	0	67.5	66.5
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	284	2,840	0	0	63.3	62.4
- East of I-110 Fwy.	50	10	35	35	293	2,930	0	0	64.7	63.7
Alvarado Street										
- North of 8th St.	60	10	40	35	1,431	14,310	0	0	71.0	70.0
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,399	13,990	0	0	70.9	69.9
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,619	16,190	0	0	71.5	70.5
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,361	13,610	0	0	70.7	69.8
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,156	11,560	0	0	71.2	70.3
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,146	11,460	0	0	71.2	70.2
- South of Pico Blvd.	40	10	30	30	1,102	11,020	0	0	71.0	70.0
Lucas Ave.										
- North of 6th St.	40	10	30	30	655	6,550	0	0	68.8	67.8
- South of 6th St.	40	10	30	30	384	3,840	0	0	66.4	65.5
Bixel Street										
- North of 8th St.	40	10	30	30	207	2,070	0	0	63.8	62.8
- Between 8th St. & Wilshire Blvd.	40	10	30	30	276	2,760	0	0	65.0	64.0
- Between Wilshire Blvd. & 6th St.	40	10	30	30	556	5,560	0	0	68.1	67.1
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,306	13,060	0	0	71.2	70.2
- Between Flower St. & Grand Ave.	50	10	35	35	1,381	13,810	0	0	71.4	70.4
- Between Grand Ave. and Main St.	50	10	35	35	1,143	11,430	0	0	70.6	69.6
- East of Main St.	50	10	35	35	825	8,250	0	0	69.2	68.2
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	1,161	11,610	0	0	70.6	69.7
- Between Bixel St. & Figueroa St.	50	10	35	35	1,036	10,360	0	0	70.2	69.2

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	931	9,310	0	0	69.7	68.7

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

Existing (2011)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	13	2	8	82	603	38	86	28	11	32	748	146
2	Francisco & Olympic	34	3	4	93	704	47	11	2	9	124	611	115
3	Figueroa & Olympic	0	0	0	144	706	50	84	462	138	95	416	122
4	Flower & Olympic	307	368	54	0	603	24	0	0	0	37	447	0
5	Grand & Olympic	100	243	27	0	491	44	0	0	0	66	411	0
6	Olive & Olympic	0	0	0	14	455	0	16	178	81	0	399	51
7	Hill & Olympic	57	151	26	36	411	10	17	68	9	23	358	39
8	Broadway & Olympic	69	226	73	51	373	30	37	248	22	14	355	33
9	Main & Olympic	127	232	44	38	292	22	60	242	26	27	383	52
10	Los Angeles & Olympic	75	222	93	52	253	36	85	188	33	64	349	48
11	Santee & Olympic	116	64	17	30	178	22	67	65	30	103	382	34
12	Maple & Olympic	75	190	38	37	102	14	62	169	54	133	255	68
13	Maple & 9th	41	142	22	63	235	88	89	157	18	103	345	23
14	San Pedro & 9th	55	252	36	69	345	46	94	337	67	66	211	48
15	LA Live Way & Chick Hearn Ct	0	0	0	34	62	10	151	337	94	14	56	82
16	Figueroa & 11th	34	94	3	94	189	47	17	603	37	47	30	26
17	Flower & 11th	188	207	0	0	147	14	0	0	0	50	0	0
18	Grand & 11th	53	290	0	0	134	28	0	0	0	0	0	0
19	Olive & 11th	0	0	0	8	112	0	0	263	48	0	0	0
20	Figueroa & 12th	0	158	9	13	0	10	8	644	2	1	1	0
21	Flower & 12th	24	192	57	0	0	0	0	0	0	1	17	0
22	Grand & 12th	0	270	50	0	0	0	0	0	0	29	50	0
23	Olive & 12th	0	0	0	0	0	0	10	267	0	0	61	36
24	LA Live Way & Pico	3	0	28	43	235	0	102	451	546	0	305	112
25	LA Live Way & Bond	0	0	0	28	2	0	0	1,078	0	0	0	2
26	Figueroa & Pico	15	155	14	38	208	43	46	540	61	77	299	65
27	Flower & Pico	34	157	2	0	265	13	0	0	0	55	310	0
28	Grand & Pico	28	253	11	0	229	14	0	0	0	36	250	0
29	Olive & Pico	0	0	0	12	208	0	16	241	33	0	248	15
30	Hill & Pico	21	148	8	6	189	8	11	78	13	16	241	6
31	Broadway & Pico	33	202	11	20	137	16	24	250	30	22	211	40
32	Main & Pico	29	193	15	52	162	8	38	242	25	34	156	42
33	Blaine & Olympic	2	51	8	15	503	118	195	1	139	115	572	2
34	Blaine & SR 110 SB Off-Ramps	0	292	0	336	0	134	0	0	0	0	0	0
35	Blaine & 11th	48	303	80	0	101	55	0	0	0	150	78	0
36	Convention Center Drive & Venice	5	0	6	25	279	0	0	0	0	0	314	8

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

37	Figueroa & Venice	23	209	11	32	111	27	43	536	59	125	150	41
38	Flower & Venice	20	196	10	0	154	21	0	0	0	28	175	0
39	Grand & Venice	33	266	26	0	153	12	0	0	0	57	158	0
40	Olive & Venice	0	0	0	8	133	0	24	302	31	0	168	11
41	Grand & 17th	157	180	0	0	478	83	0	0	0	0	0	0
42	Olive & 17th	0	0	0	99	425	0	0	249	139	0	0	0
43	Hill & 17th	51	130	0	43	407	27	0	113	42	0	0	0
44	Broadway & 17th	58	243	0	46	383	24	0	240	44	0	0	0
45	Main & 17th	72	204	0	27	289	43	0	247	51	0	0	0
46	Los Angeles & 17th	85	226	0	277	252	47	0	105	19	0	0	0
47	Flower & 18th	0	116	6	0	0	0	0	0	0	6	29	0
48	Grand & 18th	0	177	109	0	0	0	90	0	0	111	294	0
49	Olive & 18th	0	0	0	0	0	0	14	101	0	0	218	282
50	Hill & 18th	0	121	35	0	0	0	18	127	0	31	284	26
51	Broadway & 18th	0	227	39	0	0	0	26	252	0	20	287	26
52	Main & 18th	0	221	30	0	0	0	75	274	0	26	200	32
53	Los Angeles & 18th	0	103	3	0	0	0	2	146	0	11	21	273
54	Figueroa & Washington	46	202	45	112	532	72	45	619	91	64	276	95
55	Flower & Washington	38	73	9	0	596	0	0	0	0	22	353	0
56	Grand & Washington	57	100	35	7	448	8	21	69	25	10	352	0
57	Olive & Washington	0	0	0	46	397	2	2	36	13	4	379	38
58	Hill & Washington	25	85	31	45	296	10	21	93	6	2	76	8
59	Broadway & Washington	27	183	32	51	308	35	53	226	20	7	113	5
60	Main & Washington	23	186	36	31	361	27	55	297	45	29	374	17
61	Los Angeles & Washington	42	71	36	53	303	7	15	68	6	11	308	36
62	San Pedro & Washington	41	376	43	33	279	53	38	569	84	55	302	116
63	Figueroa & Adams	82	551	95	191	471	155	77	625	148	134	233	107
64	Flower & Adams	24	78	0	0	805	0	0	0	0	145	295	0
65	I-110 NB Off General & Adams	0	0	0	0	380	0	170	0	259	0	294	0
66	Grand & Adams	35	60	31	22	329	28	30	41	14	16	463	60
67	Hill & Adams	19	84	21	48	331	13	37	75	20	34	419	68
68	Broadway & Adams	23	216	14	24	350	29	18	233	26	33	416	28
69	Main & Adams	19	214	28	38	313	37	48	345	53	33	361	42
70	Flower & Jefferson	24	169	25	0	411	50	0	0	0	163	261	0
71	Figueroa & Exposition	69	637	187	334	434	63	34	1,003	149	107	287	134
72	Flower & 37th Street	0	143	282	0	0	0	35	0	0	42	388	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	75	0	0	44	374	0	0	79	292
74	Hill & 37th Street	14	59	3	0	17	2	3	56	10	10	25	27
75	Broadway & 37th	3	311	3	1	1	1	0	287	8	16	7	12
76	Figueroa & 39th	117	370	44	89	17	70	29	340	56	11	6	33

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	60	33	17	0	94	60	43	0
78	Figueroa & MLK	124	267	90	124	1,144	123	108	227	82	94	1,232	164
79	I-110 SB Ramps & MLK	504	0	250	0	995	220	0	0	0	542	908	0
80	I-110 NB Ramps/Hill & MLK	77	6	13	28	778	146	120	26	351	381	607	30
81	Georgia & James Wood	0	0	0	0	0	0	24	254	0	12	532	157
82	Francisco & 9th	0	0	11	0	0	0	0	0	0	0	1,054	193
83	Figueroa & 9th	0	0	0	0	0	0	108	609	0	0	879	153
84	Flower & 9th	0	437	131	0	0	0	0	0	0	297	713	0
85	Broadway & 9th	0	335	70	0	0	0	28	305	0	39	545	88
86	Bixel & 8th	45	546	0	105	416	272	0	0	0	0	0	0
87	Francisco & 8th	0	0	0	0	882	16	0	0	213	0	0	0
88	Figueroa & 8th	0	0	0	120	713	0	0	626	160	0	0	0
89	Flower & 8th	105	479	0	0	698	67	0	0	0	0	0	0
90	Hill & 8th	86	247	0	54	478	34	0	127	15	0	0	0
91	Broadway & 8th	74	399	0	95	445	19	0	352	43	0	0	0
92	Bixel & Wilshire	24	170	8	11	442	46	39	49	26	85	360	19
93	Figueroa & Wilshire	0	0	0	97	167	0	43	655	84	0	306	199
94	Lucas & 6th	73	87	19	7	231	6	8	80	21	22	393	72
95	Bixel & 6th	20	80	24	26	207	32	18	37	18	86	324	20
96	Figueroa & 6th	0	0	0	0	0	0	86	878	0	0	845	105
97	Flower & 6th	0	310	124	0	0	0	0	0	0	195	754	0
98	Grand & 6th	0	316	96	0	0	0	0	0	0	98	735	0
99	Hill & 6th	0	287	48	0	0	0	75	188	0	75	621	28
100	Spring & 6th	0	547	121	0	0	0	0	0	0	142	606	0
101	Main & 6th	0	0	0	0	0	0	94	442	0	0	516	184
102	Figueroa & 5th	0	0	0	103	693	0	0	565	399	0	0	0
103	Grand & 5th	64	250	0	35	538	164	0	0	0	0	0	0
104	Olive & 5th	100	0	0	37	385	0	0	273	232	0	0	0
105	Hill & 5th	90	282	0	62	268	18	0	175	37	0	0	0
106	Spring & 5th	47	460	0	0	248	156	0	0	0	0	0	0
107	Main & 5th	0	0	0	81	233	0	0	475	177	0	0	0
108	Figueroa & 2nd	22	181	33	14	100	26	75	381	52	141	181	34
109	Beaudry & 1st	58	129	31	32	157	31	45	160	45	30	211	26
110	Hope & 1st	22	88	111	65	200	33	55	100	16	84	325	64
111	Grand & 1st	59	301	61	114	229	106	14	56	19	131	262	81
112	Olive & 1st	0	0	0	0	281	24	159	0	80	33	353	0
113	Hill & 1st	71	289	55	22	232	16	23	139	19	21	272	76
114	Spring & 1st	42	288	10	2	161	22	0	0	0	25	233	32
115	Main & 1st	0	0	0	23	195	0	47	250	34	0	444	60
116	Hope & Temple/US-101 Ramps	45	126	182	116	276	51	78	77	24	67	373	133

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	94	266	0	0	370	118
118	Los Angeles & Aliso	0	271	88	0	0	0	16	162	0	24	414	20
119	Grand & I-110 On-Ramp/US-101 Ramps	272	301	0	0	0	0	0	229	167	214	0	58
120	Beaudry & Sunset	57	58	32	23	766	68	87	45	165	71	568	24
121	Figueroa & Cesar Chavez	71	71	53	64	899	69	192	299	186	79	549	85
122	Grand & Cesar Chavez	14	123	7	38	780	224	79	36	233	225	536	20
123	Spring & Cesar Chavez	90	86	9	74	842	266	30	10	8	124	461	1
124	Main & Cesar Chavez	0	0	0	35	946	0	143	167	169	0	447	50
125	Alameda & Cesar Chavez	147	726	64	67	611	153	105	605	225	220	321	51
126	Main & Alpine	60	182	33	55	257	0	15	101	3	19	78	47
127	Alameda & Alpine	94	172	61	72	74	23	51	258	56	86	38	44
128	Hill & Alpine	35	549	95	132	118	50	62	254	31	24	148	34
129	Hill & College	51	615	225	109	150	36	81	330	31	39	178	83
130	Sunset & Elysian Park	0	605	589	84	0	75	706	590	0	0	0	0
131	Glendale & Bellevue	0	709	90	124	0	329	164	504	0	0	0	0
132	Glendale & Temple	151	457	90	91	294	34	16	397	46	55	266	233
133	Alvarado & US 101 NB Ramps	264	722	0	75	0	234	0	625	248	0	0	0
134	Alvarado & US 101 SB Ramps	0	742	177	0	0	0	229	636	0	180	10	203
135	Alvarado & Beverly	79	793	14	58	251	62	38	682	28	40	294	84
136	Vermont & 6th	104	1,038	79	89	384	94	63	1,007	60	93	466	144
137	Alvarado & 6th	119	678	40	51	383	52	92	613	49	62	436	54
138	Western & Wilshire	87	765	85	83	620	133	119	771	91	94	604	116
139	Normandie & Wilshire	75	414	39	16	389	34	39	183	19	54	685	25
140	Vermont & Wilshire	77	1,122	54	79	626	70	35	943	94	39	439	116
141	Alvarado & Wilshire	108	601	41	88	548	41	77	643	23	26	426	75
142	Vermont & 8th	95	1,151	50	70	394	35	73	1,018	98	85	294	39
143	Alvarado & 8th	68	544	39	102	332	57	122	563	51	37	285	57
144	Western & Olympic	94	645	170	134	587	110	82	812	98	34	589	88
145	Normandie & Olympic	72	514	63	43	945	80	105	517	79	71	889	52
146	Vermont & Olympic	168	925	110	100	641	108	55	985	78	68	680	139
147	Alvarado & Olympic	125	472	98	78	631	84	82	522	68	44	639	98
148	Union & Olympic	95	409	63	64	606	50	22	423	77	49	646	54
149	Western & Pico	74	837	68	81	383	91	89	851	88	91	417	84
150	Normandie & Pico	53	662	35	51	426	107	147	603	47	68	397	35
151	Vermont & Pico	95	925	103	69	554	59	77	1,011	87	71	448	75
152	Alvarado & Pico	155	445	85	112	573	87	106	486	17	35	505	134
153	Pico & Union	103	419	44	47	673	46	36	458	61	54	638	53
154	Hoover & Alvarado	0	592	0	14	0	482	493	575	0	0	0	0
155	Western & Venice	55	756	42	50	337	86	67	892	75	51	357	60
156	Normandie & Venice	67	786	27	42	299	25	36	692	73	103	322	58

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

157	Vermont & Venice	79	965	64	65	292	57	119	994	45	41	321	75
158	Hoover & Venice	108	894	51	61	190	93	42	895	51	114	222	138
159	Western & Washington	44	948	63	89	296	100	88	1,028	75	96	330	73
160	Normandie & Washington	59	801	65	57	249	81	130	779	125	126	318	37
161	Vermont & Washington	48	963	56	85	374	103	108	948	68	40	321	96
162	Hoover & Washington	153	782	148	86	344	52	44	775	64	53	339	108
163	I-10 WB Ramp & 20th	0	0	0	0	40	480	281	0	43	22	42	0
164	Vermont & I-10 EB Ramps	0	702	441	0	0	0	210	882	0	246	0	275
165	I-10 EB Ramp & Hoover	0	633	258	0	0	0	278	619	0	222	0	402
166	Hill & Venice	13	130	10	7	165	13	17	92	32	15	172	6
167	Broadway & Venice	10	212	9	14	145	6	10	247	26	44	150	19
168	Main & Venice	14	206	10	14	132	5	8	221	26	32	104	22
169	Los Angeles & Venice	19	219	9	33	122	18	9	219	12	23	71	24
170	San Pedro & Venice	126	395	0	273	145	185	0	216	68	54	0	37
171	Central & Venice	153	409	0	176	162	199	0	286	158	0	0	0
172	Central & Washington	57	338	32	44	286	55	29	547	61	79	262	94
173	Wilton Place (ext. of Arlington) & Wilshire	109	580	30	51	714	100	52	652	63	42	634	125
174	Arlington & Olympic	105	516	81	51	585	45	68	514	60	69	755	100
175	Arlington & Pico	76	502	61	60	397	58	55	568	94	91	448	79
176	Arlington & Venice	48	598	29	33	380	55	45	642	49	73	366	35
177	Arlington & Washington	35	707	16	54	375	110	109	621	49	70	340	62
178													
179													
180													
181													
182													
183													

Traffic Data Received on 10/18/11
Peak Hour Traffic Volumes
Future No Project, Cumulative Base (2038)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	43	2	8	138	773	77	95	50	40	63	925	189
2	Francisco & Olympic	34	3	44	129	969	48	11	2	9	125	794	116
3	Figueroa & Olympic	0	0	0	199	887	76	133	940	260	132	589	135
4	Flower & Olympic	342	894	75	0	829	35	0	0	0	49	656	0
5	Grand & Olympic	154	531	84	0	669	55	0	0	0	109	586	0
6	Olive & Olympic	0	0	0	59	612	0	27	474	111	0	569	114
7	Hill & Olympic	79	319	29	45	553	75	124	157	48	61	483	57
8	Broadway & Olympic	99	337	87	53	535	30	37	314	47	53	497	86
9	Main & Olympic	171	407	55	47	411	24	64	432	28	27	504	89
10	Los Angeles & Olympic	76	251	94	53	374	36	86	202	38	68	471	49
11	Santee & Olympic	117	65	19	31	298	22	68	66	30	104	505	34
12	Maple & Olympic	76	192	38	37	219	14	63	173	57	139	374	69
13	Maple & 9th	41	144	22	64	238	89	90	161	18	104	500	23
14	San Pedro & 9th	56	255	36	72	349	47	95	344	68	69	363	49
15	LA Live Way & Chick Hearn Ct	0	0	0	66	155	10	172	371	95	19	95	83
16	Figueroa & 11th	34	156	3	140	266	48	17	1,206	98	105	30	26
17	Flower & 11th	207	737	0	0	252	193	0	0	0	51	0	0
18	Grand & 11th	76	608	0	0	421	196	0	0	0	0	0	0
19	Olive & 11th	0	0	0	8	294	0	0	600	304	0	0	0
20	Figueroa & 12th	0	214	17	13	0	10	38	1,145	2	1	1	0
21	Flower & 12th	24	675	173	0	0	0	0	0	0	1	55	0
22	Grand & 12th	0	666	80	0	0	0	0	0	0	66	208	0
23	Olive & 12th	0	0	0	0	0	0	10	775	0	0	159	125
24	LA Live Way & Pico	3	0	33	44	335	0	137	505	553	0	393	113
25	LA Live Way & Bond	0	0	0	28	2	0	0	1,175	0	0	0	2
26	Figueroa & Pico	37	170	20	41	280	75	64	966	67	87	368	128
27	Flower & Pico	58	651	17	0	350	0	0	0	0	64	441	0
28	Grand & Pico	63	641	21	0	282	30	0	0	0	51	371	0
29	Olive & Pico	0	0	0	17	262	0	47	707	49	0	341	53
30	Hill & Pico	30	318	14	15	233	9	13	157	17	39	333	14
31	Broadway & Pico	41	326	11	20	183	16	24	318	30	22	294	57
32	Main & Pico	37	316	15	54	200	8	38	357	25	34	201	80
33	Blaine & Olympic	2	52	8	15	693	160	269	1	162	119	741	2
34	Blaine & SR 110 SB Off-Ramps	0	340	0	432	0	173	0	0	0	0	0	0
35	Blaine & 11th	49	351	118	0	108	142	0	0	0	152	85	0
36	Convention Center Drive & Venice	5	0	6	38	341	0	0	0	0	0	349	8

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Peak Hour Traffic Volumes

37	Figueroa & Venice	50	252	15	51	156	28	45	857	60	127	178	46
38	Flower & Venice	36	680	12	0	204	28	0	0	0	28	208	0
39	Grand & Venice	56	661	27	0	182	12	0	0	0	72	184	0
40	Olive & Venice	0	0	0	11	151	0	24	745	41	0	174	32
41	Grand & 17th	395	352	0	0	600	92	0	0	0	0	0	0
42	Olive & 17th	0	0	0	236	538	0	0	565	157	0	0	0
43	Hill & 17th	100	264	0	50	598	40	0	190	53	0	0	0
44	Broadway & 17th	71	358	0	53	582	31	0	311	45	0	0	0
45	Main & 17th	88	310	0	46	480	152	0	343	56	0	0	0
46	Los Angeles & 17th	92	251	0	294	563	48	0	109	19	0	0	0
47	Flower & 18th	0	505	6	0	0	0	0	0	0	6	70	0
48	Grand & 18th	0	310	157	0	0	0	91	0	0	131	549	0
49	Olive & 18th	0	0	0	0	0	0	14	228	0	0	316	488
50	Hill & 18th	0	243	59	0	0	0	18	208	0	31	376	32
51	Broadway & 18th	0	334	54	0	0	0	36	323	0	31	393	26
52	Main & 18th	0	420	46	0	0	0	166	360	0	31	309	47
53	Los Angeles & 18th	0	104	3	0	0	0	2	150	0	11	21	489
54	Figueroa & Washington	59	213	46	122	620	107	78	1,010	101	67	306	106
55	Flower & Washington	73	423	13	0	692	0	0	0	0	25	412	0
56	Grand & Washington	71	220	52	7	529	10	23	70	25	10	416	0
57	Olive & Washington	0	0	0	48	482	2	2	149	26	4	450	50
58	Hill & Washington	38	187	38	60	369	10	21	154	6	2	138	13
59	Broadway & Washington	27	283	48	57	394	41	60	298	20	7	179	9
60	Main & Washington	26	378	44	39	455	27	67	463	46	29	464	19
61	Los Angeles & Washington	43	72	36	54	377	7	15	69	6	11	379	38
62	San Pedro & Washington	41	381	44	33	344	54	40	576	95	64	368	117
63	Figueroa & Adams	91	734	110	233	486	210	84	1,026	160	140	243	110
64	Flower & Adams	56	460	0	7	885	0	0	0	0	147	326	0
65	I-110 NB Off General & Adams	7	0	7	0	440	0	213	0	278	0	332	0
66	Grand & Adams	35	175	31	22	388	28	30	41	14	16	544	61
67	Hill & Adams	21	177	21	49	387	13	37	180	20	34	485	82
68	Broadway & Adams	31	314	14	24	397	29	18	305	27	36	472	36
69	Main & Adams	21	404	28	38	358	37	49	505	54	33	403	57
70	Flower & Jefferson	101	449	33	0	561	51	0	0	0	205	384	0
71	Figueroa & Exposition	70	741	280	387	456	73	40	1,341	151	108	305	136
72	Flower & 37th Street	0	412	325	0	0	0	35	0	0	43	506	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	77	0	0	45	436	0	0	81	351
74	Hill & 37th Street	14	152	3	0	18	2	3	161	10	10	26	27
75	Broadway & 37th	3	422	3	1	1	1	0	368	9	17	7	12
76	Figueroa & 39th	118	457	65	114	17	71	29	651	57	11	6	33

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Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	61	33	17	0	119	81	44	0
78	Figueroa & MLK	126	325	118	157	1,159	132	110	503	84	97	1,248	167
79	I-110 SB Ramps & MLK	516	0	253	0	1,042	223	0	0	0	549	949	0
80	I-110 NB Ramps/Hill & MLK	78	98	13	28	822	148	121	130	355	386	644	30
81	Georgia & James Wood	0	0	0	0	0	0	29	357	0	12	859	179
82	Francisco & 9th	0	0	74	0	0	0	0	0	0	0	1,590	235
83	Figueroa & 9th	0	0	0	0	0	0	178	1,153	0	0	1,425	205
84	Flower & 9th	0	839	139	0	0	0	0	0	0	423	1,204	0
85	Broadway & 9th	0	404	72	0	0	0	28	426	0	125	759	173
86	Bixel & 8th	46	755	0	106	557	372	0	0	0	0	0	0
87	Francisco & 8th	9	5	0	17	1,311	82	0	0	258	0	0	0
88	Figueroa & 8th	0	0	0	142	1,025	0	0	1,023	361	0	0	0
89	Flower & 8th	111	840	0	0	1,025	116	0	0	0	0	0	0
90	Hill & 8th	143	391	0	65	770	64	0	225	21	0	0	0
91	Broadway & 8th	125	470	0	106	678	19	0	508	93	0	0	0
92	Bixel & Wilshire	33	228	8	28	545	58	39	59	26	101	448	57
93	Figueroa & Wilshire	0	0	0	98	224	0	44	1,028	126	0	382	281
94	Lucas & 6th	80	151	49	74	418	9	38	141	29	28	574	76
95	Bixel & 6th	31	91	28	32	472	39	41	53	20	96	590	35
96	Figueroa & 6th	0	0	0	0	0	0	121	1,300	0	0	1,298	233
97	Flower & 6th	0	574	126	0	0	0	0	0	0	372	1,066	0
98	Grand & 6th	0	524	106	0	0	0	0	0	0	146	1,008	0
99	Hill & 6th	0	486	76	0	0	0	76	306	0	113	873	28
100	Spring & 6th	0	867	162	0	0	0	0	0	0	166	853	0
101	Main & 6th	0	0	0	0	0	0	125	790	0	0	714	274
102	Figueroa & 5th	0	0	0	132	1,021	0	0	844	671	0	0	0
103	Grand & 5th	74	373	0	39	931	244	0	0	0	0	0	0
104	Olive & 5th	141	0	0	46	792	0	0	519	262	0	0	0
105	Hill & 5th	300	494	0	98	472	32	0	292	38	0	0	0
106	Spring & 5th	190	790	0	0	397	187	0	0	0	0	0	0
107	Main & 5th	0	0	0	90	377	0	0	878	213	0	0	0
108	Figueroa & 2nd	22	183	35	14	117	26	80	574	72	151	204	34
109	Beaudry & 1st	79	168	31	32	322	33	68	213	47	30	390	47
110	Hope & 1st	22	141	157	101	363	50	56	118	16	103	538	72
111	Grand & 1st	77	397	168	216	405	118	272	114	42	162	491	82
112	Olive & 1st	0	0	0	0	398	44	246	0	252	280	639	0
113	Hill & 1st	72	427	56	22	369	138	28	265	19	71	564	105
114	Spring & 1st	112	683	13	2	352	34	0	0	0	49	469	32
115	Main & 1st	0	0	0	26	375	0	66	702	58	0	567	179
116	Hope & Temple/US-101 Ramps	46	182	243	152	308	55	79	137	24	108	463	165

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Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	304	629	0	0	676	173
118	Los Angeles & Aliso	0	292	89	0	0	0	68	175	0	77	811	85
119	Grand & I-110 On-Ramp/US-101 Ramps	363	419	0	0	0	0	0	324	330	338	0	90
120	Beaudry & Sunset	69	100	95	23	869	100	116	87	167	72	664	24
121	Figueroa & Cesar Chavez	72	94	54	118	1,031	70	212	465	192	86	722	95
122	Grand & Cesar Chavez	14	236	7	38	902	289	91	122	263	257	668	20
123	Spring & Cesar Chavez	112	296	9	75	947	279	30	10	8	144	546	1
124	Main & Cesar Chavez	0	0	0	103	1,043	0	162	527	190	0	531	51
125	Alameda & Cesar Chavez	149	866	88	68	707	155	106	692	228	223	421	52
126	Main & Alpine	111	184	33	56	301	0	15	349	99	19	116	55
127	Alameda & Alpine	95	226	79	88	188	70	79	284	73	123	70	45
128	Hill & Alpine	35	666	192	197	119	51	63	401	31	24	150	34
129	Hill & College	52	828	285	178	152	36	82	540	31	39	180	84
130	Sunset & Elysian Park	0	701	596	85	0	76	715	702	0	0	0	0
131	Glendale & Bellevue	0	782	91	125	0	349	264	611	0	0	0	0
132	Glendale & Temple	171	547	92	126	330	34	16	566	51	70	300	238
133	Alvarado & US 101 NB Ramps	386	798	0	93	0	256	0	753	255	0	0	0
134	Alvarado & US 101 SB Ramps	0	840	203	0	0	0	235	721	0	187	10	278
135	Alvarado & Beverly	80	884	14	59	435	63	40	761	28	40	487	85
136	Vermont & 6th	110	1,246	80	90	580	99	73	1,223	66	100	623	154
137	Alvarado & 6th	138	752	40	52	567	71	101	690	50	63	581	58
138	Western & Wilshire	88	851	86	84	685	153	141	871	96	104	661	117
139	Normandie & Wilshire	76	438	44	28	456	44	45	204	20	56	747	25
140	Vermont & Wilshire	105	1,312	58	83	694	73	35	1,109	138	125	510	178
141	Alvarado & Wilshire	109	692	41	91	601	63	95	728	23	26	471	76
142	Vermont & 8th	107	1,358	63	77	521	35	74	1,179	105	92	406	51
143	Alvarado & 8th	70	669	39	105	481	58	123	661	52	37	437	59
144	Western & Olympic	95	749	181	140	738	115	92	934	99	34	737	89
145	Normandie & Olympic	95	541	67	46	1,127	88	110	547	121	90	1,038	63
146	Vermont & Olympic	181	1,112	123	111	808	110	57	1,134	94	87	825	146
147	Alvarado & Olympic	128	589	104	84	808	113	103	613	69	45	795	99
148	Union & Olympic	96	415	64	75	815	51	22	429	78	50	827	55
149	Western & Pico	79	943	69	82	476	92	90	973	89	92	495	94
150	Normandie & Pico	55	712	38	59	519	108	149	671	48	69	475	36
151	Vermont & Pico	97	1,130	104	70	654	60	78	1,175	88	72	527	77
152	Alvarado & Pico	161	584	86	113	669	88	121	591	17	35	581	141
153	Pico & Union	104	424	46	49	771	54	36	464	62	55	730	54
154	Hoover & Alvarado	0	615	0	14	0	623	612	652	0	0	0	0
155	Western & Venice	56	861	43	51	378	87	68	1,015	76	52	391	61
156	Normandie & Venice	68	837	27	43	340	25	36	761	74	104	356	59

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

157	Vermont & Venice	80	1,171	65	66	333	58	120	1,159	46	41	355	76
158	Hoover & Venice	109	1,056	52	62	229	116	44	1,089	52	115	255	140
159	Western & Washington	45	1,055	64	90	380	101	89	1,152	76	97	409	74
160	Normandie & Washington	60	853	66	58	332	82	132	849	127	128	397	37
161	Vermont & Washington	49	1,169	57	86	459	104	109	1,112	69	40	400	97
162	Hoover & Washington	155	952	162	101	428	53	45	955	65	54	418	109
163	I-10 WB Ramp & 20th	0	0	0	0	40	581	338	0	44	22	43	0
164	Vermont & I-10 EB Ramps	0	783	497	0	0	0	213	1,005	0	307	0	341
165	I-10 EB Ramp & Hoover	0	731	262	0	0	0	281	716	0	243	0	458
166	Hill & Venice	19	312	16	10	180	13	17	175	32	15	177	6
167	Broadway & Venice	11	337	9	14	153	6	10	315	34	47	159	19
168	Main & Venice	16	327	10	14	138	5	8	336	26	32	112	22
169	Los Angeles & Venice	19	250	9	33	127	18	9	239	12	23	72	24
170	San Pedro & Venice	128	400	0	276	151	187	0	219	69	55	0	37
171	Central & Venice	155	461	0	178	168	201	0	319	160	0	0	0
172	Central & Washington	60	429	60	61	349	56	29	656	62	80	325	99
173	Wilton Place (ext. of Arlington) & Wilshire	110	587	30	52	785	101	53	660	64	43	701	127
174	Arlington & Olympic	106	522	82	52	736	46	69	520	61	70	905	101
175	Arlington & Pico	77	508	62	61	494	59	56	575	95	92	535	80
176	Arlington & Venice	49	605	29	33	422	56	46	650	50	74	400	35
177	Arlington & Washington	35	716	16	55	460	111	110	628	50	71	419	63
178													
179													
180													
181													
182													
183													

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

Future With Project (2038)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	43	2	8	169	893	99	200	50	40	151	1,395	303
2	Francisco & Olympic	34	3	44	262	1,142	265	11	2	9	125	1,356	132
3	Figueroa & Olympic	0	0	0	338	1,348	86	133	990	320	482	674	260
4	Flower & Olympic	575	906	128	0	1,151	204	0	0	0	80	710	0
5	Grand & Olympic	188	573	84	0	1,007	55	0	0	0	127	586	0
6	Olive & Olympic	0	0	0	59	686	0	149	511	374	0	569	114
7	Hill & Olympic	92	319	29	45	608	87	124	157	54	61	483	57
8	Broadway & Olympic	99	337	87	53	602	30	37	314	47	53	497	86
9	Main & Olympic	202	444	55	47	447	24	64	440	28	27	504	89
10	Los Angeles & Olympic	76	251	94	53	410	36	86	202	38	68	471	49
11	Santee & Olympic	117	65	19	31	334	22	68	66	30	104	505	34
12	Maple & Olympic	76	192	38	37	255	14	63	173	57	139	374	69
13	Maple & 9th	41	144	22	64	238	89	90	161	18	104	506	23
14	San Pedro & 9th	56	255	36	72	349	90	95	344	68	69	369	49
15	LA Live Way & Chick Hearn Ct	0	0	0	7	47	0	0	301	0	150	182	83
16	Figueroa & 11th	0	562	3	142	29	57	17	1,362	0	0	0	0
17	Flower & 11th	206	797	0	0	162	193	0	0	0	3	0	0
18	Grand & 11th	76	668	0	0	396	478	0	0	0	0	0	0
19	Olive & 11th	0	0	0	127	244	0	0	1,016	611	0	0	0
20	Figueroa & 12th	0	512	17	13	0	10	38	1,197	2	1	1	0
21	Flower & 12th	24	686	173	0	0	0	0	0	0	1	55	0
22	Grand & 12th	0	711	80	0	0	0	0	0	0	66	208	0
23	Olive & 12th	0	0	0	0	0	0	11	1,587	0	0	159	125
24	LA Live Way & Pico	174	0	0	95	430	0	564	701	677	0	520	0
25	LA Live Way & Bond	0	0	0	0	2	0	0	2,082	79	0	0	2
26	Figueroa & Pico	37	468	20	41	381	75	138	1,000	112	135	782	145
27	Flower & Pico	101	619	17	0	416	0	0	0	0	108	871	0
28	Grand & Pico	102	644	21	0	477	30	0	0	0	51	575	0
29	Olive & Pico	0	0	0	68	297	0	126	1,453	208	0	403	196
30	Hill & Pico	30	321	14	73	327	20	13	858	42	39	339	63
31	Broadway & Pico	40	326	11	20	264	16	24	359	113	22	300	57
32	Main & Pico	52	338	15	54	266	8	38	360	25	34	201	86
33	Blaine & Olympic	2	52	8	15	813	160	489	1	162	119	1,193	2
34	Blaine & SR 110 SB Off-Ramps	0	340	0	652	0	1,026	0	0	0	0	0	0
35	Blaine & 11th	49	891	431	0	216	49	0	0	0	152	0	0
36	Convention Center Drive & Venice	23	0	71	490	344	0	0	0	0	0	535	42

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Peak Hour Traffic Volumes

37	Figueroa & Venice	273	367	17	161	293	28	45	957	111	145	363	64
38	Flower & Venice	48	677	12	0	438	28	0	0	0	76	347	0
39	Grand & Venice	59	661	27	0	413	14	0	0	0	82	309	0
40	Olive & Venice	0	0	0	170	251	0	24	1,559	175	0	263	68
41	Grand & 17th	406	354	0	0	717	92	0	0	0	0	0	0
42	Olive & 17th	0	0	0	1,240	630	0	0	1,273	182	0	0	0
43	Hill & 17th	130	264	0	371	1,706	40	0	555	71	0	0	0
44	Broadway & 17th	71	381	0	150	1,987	78	0	389	69	0	0	0
45	Main & 17th	89	310	0	46	2,028	152	0	343	56	0	0	0
46	Los Angeles & 17th	291	251	0	294	1,911	48	0	109	19	0	0	0
47	Flower & 18th	0	505	6	0	0	0	0	0	0	6	115	0
48	Grand & 18th	0	310	157	0	0	0	124	0	0	131	844	0
49	Olive & 18th	0	0	0	0	0	0	14	750	0	0	432	700
50	Hill & 18th	0	243	59	0	0	0	18	477	0	31	378	146
51	Broadway & 18th	0	403	54	0	0	0	36	425	0	31	395	26
52	Main & 18th	0	420	46	0	0	0	166	360	0	31	311	47
53	Los Angeles & 18th	0	104	3	0	0	0	2	150	0	11	21	491
54	Figueroa & Washington	90	228	54	139	620	110	124	1,130	101	67	401	119
55	Flower & Washington	73	423	13	0	712	10	0	0	0	73	513	0
56	Grand & Washington	71	220	52	7	559	10	50	111	25	10	517	0
57	Olive & Washington	0	0	0	83	506	78	2	569	36	4	506	122
58	Hill & Washington	38	187	38	78	501	10	21	355	9	2	144	63
59	Broadway & Washington	93	286	48	57	478	41	60	400	20	7	185	9
60	Main & Washington	26	378	44	39	539	27	67	463	46	29	470	19
61	Los Angeles & Washington	43	72	36	54	461	7	15	69	6	11	385	38
62	San Pedro & Washington	41	381	44	33	428	54	40	576	95	64	374	117
63	Figueroa & Adams	91	755	110	270	486	210	84	1,071	160	140	243	110
64	Flower & Adams	56	462	0	91	922	0	0	0	0	147	326	0
65	I-110 NB Off General & Adams	517	0	284	0	440	0	399	0	315	0	332	0
66	Grand & Adams	35	175	31	22	388	28	30	48	14	16	1,106	122
67	Hill & Adams	21	177	21	49	387	13	37	472	20	34	581	548
68	Broadway & Adams	31	317	14	24	397	29	18	311	27	36	472	132
69	Main & Adams	21	404	28	38	358	37	49	505	54	33	403	57
70	Flower & Jefferson	101	450	33	0	561	51	0	0	0	205	384	0
71	Figueroa & Exposition	70	745	291	394	456	73	40	1,378	151	108	305	136
72	Flower & 37th Street	0	413	325	0	0	0	35	0	0	43	524	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	77	0	0	99	443	0	0	81	351
74	Hill & 37th Street	14	152	3	0	18	2	3	401	10	10	26	79
75	Broadway & 37th	3	425	3	1	1	1	0	375	9	17	7	12
76	Figueroa & 39th	118	458	65	140	17	71	29	656	57	11	6	33

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Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	61	33	157	0	145	82	44	0
78	Figueroa & MLK	126	325	119	162	1,159	132	110	503	84	97	1,248	167
79	I-110 SB Ramps & MLK	516	0	253	0	1,047	223	0	0	0	550	949	0
80	I-110 NB Ramps/Hill & MLK	78	98	13	28	822	148	121	235	360	386	644	30
81	Georgia & James Wood	0	0	0	0	0	0	29	471	0	12	1,260	179
82	Francisco & 9th	0	0	74	0	0	0	0	0	0	0	2,400	569
83	Figueroa & 9th	0	0	0	0	0	0	183	1,377	0	0	1,614	822
84	Flower & 9th	0	1,017	139	0	0	0	0	0	0	489	1,332	0
85	Broadway & 9th	0	404	72	0	0	0	28	426	0	125	765	173
86	Bixel & 8th	46	755	0	106	557	372	0	0	0	0	0	0
87	Francisco & 8th	9	5	0	17	1,824	456	0	0	280	0	0	0
88	Figueroa & 8th	0	0	0	471	1,542	0	0	1,259	731	0	0	0
89	Flower & 8th	594	1,152	0	0	1,388	151	0	0	0	0	0	0
90	Hill & 8th	240	581	0	65	901	88	0	226	21	0	0	0
91	Broadway & 8th	125	470	0	106	833	19	0	508	93	0	0	0
92	Bixel & Wilshire	33	228	8	28	548	58	39	59	26	101	650	57
93	Figueroa & Wilshire	0	0	0	98	224	0	160	1,038	129	0	584	281
94	Lucas & 6th	80	311	206	74	418	9	38	141	29	28	586	76
95	Bixel & 6th	31	91	28	32	472	39	41	53	20	96	760	35
96	Figueroa & 6th	0	0	0	0	0	0	124	1,307	0	0	2,256	275
97	Flower & 6th	0	997	177	0	0	0	0	0	0	868	1,531	0
98	Grand & 6th	0	881	106	0	0	0	0	0	0	282	1,190	0
99	Hill & 6th	0	666	76	0	0	0	76	306	0	251	876	28
100	Spring & 6th	0	1,080	162	0	0	0	0	0	0	166	855	0
101	Main & 6th	0	0	0	0	0	0	125	799	0	0	716	274
102	Figueroa & 5th	0	0	0	248	1,021	0	0	968	671	0	0	0
103	Grand & 5th	185	662	0	44	1,092	312	0	0	0	0	0	0
104	Olive & 5th	141	0	0	47	1,026	0	0	530	262	0	0	0
105	Hill & 5th	403	707	0	98	603	40	0	292	38	0	0	0
106	Spring & 5th	330	1,003	0	0	397	187	0	0	0	0	0	0
107	Main & 5th	0	0	0	90	377	0	0	887	213	0	0	0
108	Figueroa & 2nd	22	183	35	14	117	26	80	574	75	151	222	34
109	Beaudry & 1st	79	168	31	32	322	33	68	213	47	30	419	47
110	Hope & 1st	22	486	177	101	363	50	56	118	16	103	567	72
111	Grand & 1st	77	763	168	216	405	123	272	114	42	191	511	82
112	Olive & 1st	0	0	0	0	403	44	249	0	252	280	659	0
113	Hill & 1st	77	732	56	22	369	138	28	265	19	91	567	105
114	Spring & 1st	112	1,049	13	2	352	34	0	0	0	49	472	32
115	Main & 1st	0	0	0	26	375	0	66	711	58	0	567	182
116	Hope & Temple/US-101 Ramps	46	547	262	152	308	55	79	137	24	108	463	165

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Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	310	635	0	0	676	173
118	Los Angeles & Aliso	0	292	89	0	0	0	68	175	0	77	817	85
119	Grand & I-110 On-Ramp/US-101 Ramps	363	470	0	0	0	0	0	324	330	647	0	90
120	Beaudry & Sunset	69	100	95	23	869	100	116	87	167	72	715	24
121	Figueroa & Cesar Chavez	72	94	54	118	1,031	70	212	465	192	86	773	95
122	Grand & Cesar Chavez	14	236	7	38	902	289	91	122	263	308	668	20
123	Spring & Cesar Chavez	112	387	9	75	947	279	30	10	8	144	546	1
124	Main & Cesar Chavez	0	0	0	103	1,043	0	162	533	190	0	531	51
125	Alameda & Cesar Chavez	149	866	88	68	707	155	106	692	228	223	421	52
126	Main & Alpine	150	184	33	56	301	0	15	355	99	19	116	55
127	Alameda & Alpine	134	226	79	88	227	70	79	284	73	123	70	45
128	Hill & Alpine	35	963	192	197	119	51	63	401	31	24	150	34
129	Hill & College	52	1,125	285	178	152	36	82	540	31	39	180	84
130	Sunset & Elysian Park	0	752	596	85	0	76	715	702	0	0	0	0
131	Glendale & Bellevue	0	931	91	125	0	349	264	614	0	0	0	0
132	Glendale & Temple	171	711	92	126	330	34	16	569	51	272	300	238
133	Alvarado & US 101 NB Ramps	386	801	0	93	0	256	0	753	255	0	0	0
134	Alvarado & US 101 SB Ramps	0	843	203	0	0	0	235	721	0	242	10	278
135	Alvarado & Beverly	80	942	14	59	435	63	40	761	28	40	487	85
136	Vermont & 6th	110	1,291	80	90	580	99	73	1,223	66	100	623	154
137	Alvarado & 6th	138	797	52	52	567	71	101	690	50	63	581	58
138	Western & Wilshire	88	892	90	84	689	153	143	871	96	104	700	117
139	Normandie & Wilshire	76	448	45	28	459	44	45	204	20	56	791	25
140	Vermont & Wilshire	105	1,353	62	83	697	73	37	1,109	138	125	556	178
141	Alvarado & Wilshire	109	737	41	91	604	63	95	728	23	38	512	76
142	Vermont & 8th	107	1,399	63	77	521	35	74	1,181	105	92	406	51
143	Alvarado & 8th	70	684	82	105	481	58	123	661	52	37	437	59
144	Western & Olympic	95	772	199	140	750	115	101	936	99	34	917	89
145	Normandie & Olympic	95	547	72	46	1,140	88	112	547	121	90	1,246	63
146	Vermont & Olympic	181	1,135	141	111	820	110	88	1,136	94	87	1,040	146
147	Alvarado & Olympic	128	599	109	84	820	113	321	613	69	92	1,025	99
148	Union & Olympic	96	415	64	75	827	159	22	477	78	50	1,279	55
149	Western & Pico	79	962	73	82	488	92	92	984	89	92	552	94
150	Normandie & Pico	55	717	39	59	531	108	149	674	48	69	538	36
151	Vermont & Pico	97	1,149	108	70	666	60	165	1,208	88	72	593	77
152	Alvarado & Pico	161	584	142	113	681	89	385	676	17	35	606	274
153	Pico & Union	104	472	46	49	783	54	36	464	62	55	1,074	54
154	Hoover & Alvarado	0	619	0	14	0	624	960	663	0	0	0	0
155	Western & Venice	56	872	51	51	384	87	72	1,028	76	52	504	61
156	Normandie & Venice	68	840	29	43	346	25	37	764	74	104	481	59

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Peak Hour Traffic Volumes

157	Vermont & Venice	80	1,182	73	66	339	58	124	1,279	46	41	483	76
158	Hoover & Venice	109	1,059	54	62	235	122	104	1,415	52	115	363	174
159	Western & Washington	45	1,055	75	90	384	101	94	1,169	76	97	541	74
160	Normandie & Washington	60	853	69	58	336	82	133	853	127	128	546	37
161	Vermont & Washington	49	1,169	68	86	463	104	114	1,236	69	40	553	97
162	Hoover & Washington	155	960	164	101	432	53	49	1,308	65	54	553	143
163	I-10 WB Ramp & 20th	0	0	0	0	40	588	338	0	44	22	43	0
164	Vermont & I-10 EB Ramps	0	783	497	0	0	0	213	1,028	0	307	0	448
165	I-10 EB Ramp & Hoover	0	731	262	0	0	0	281	735	0	243	0	796
166	Hill & Venice	19	312	16	171	439	13	17	861	32	45	183	59
167	Broadway & Venice	11	337	9	14	522	26	10	439	86	50	163	19
168	Main & Venice	38	327	10	14	505	6	8	336	26	32	112	25
169	Los Angeles & Venice	19	250	9	33	495	217	9	239	12	23	72	24
170	San Pedro & Venice	128	400	0	280	718	187	0	219	69	55	0	37
171	Central & Venice	173	463	0	178	351	201	0	404	165	0	0	0
172	Central & Washington	61	430	60	74	395	56	29	732	99	85	326	99
173	Wilton Place (ext. of Arlington) & Wilshire	110	587	30	52	788	101	53	660	64	43	740	127
174	Arlington & Olympic	106	522	82	52	748	46	69	520	61	70	1,086	101
175	Arlington & Pico	77	508	62	61	506	59	56	575	95	92	594	80
176	Arlington & Venice	49	605	29	33	428	56	46	650	50	74	515	35
177	Arlington & Washington	35	716	16	55	464	111	110	628	50	71	551	63
178													
179													
180													
181													
182													
183													

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

Existing Plus Project (2011)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	13	2	8	113	677	60	133	28	11	120	1,218	260
2	Francisco & Olympic	34	3	4	226	830	264	11	2	9	124	1,114	131
3	Figueroa & Olympic	0	0	0	283	1,121	60	84	520	198	387	501	247
4	Flower & Olympic	540	379	107	0	879	193	0	0	0	68	501	0
5	Grand & Olympic	134	285	27	0	783	44	0	0	0	84	411	0
6	Olive & Olympic	0	0	0	14	529	0	107	215	298	0	399	51
7	Hill & Olympic	70	151	26	36	466	22	17	68	15	23	358	39
8	Broadway & Olympic	69	226	73	51	440	30	37	248	22	14	355	33
9	Main & Olympic	158	269	44	38	328	22	60	250	26	27	383	52
10	Los Angeles & Olympic	75	222	93	52	289	36	85	188	33	64	349	48
11	Santee & Olympic	116	64	17	30	214	22	67	65	30	103	382	34
12	Maple & Olympic	75	190	38	37	138	14	62	169	54	133	255	68
13	Maple & 9th	41	142	22	63	235	88	89	157	18	103	351	23
14	San Pedro & 9th	55	252	36	69	345	89	94	337	67	66	217	48
15	LA Live Way & Chick Hearn Ct	0	0	0	5	41	0	0	297	0	143	182	82
16	Figueroa & 11th	0	442	3	96	0	56	17	697	0	0	0	0
17	Flower & 11th	187	266	0	0	103	14	0	0	0	20	0	0
18	Grand & 11th	53	349	0	0	155	310	0	0	0	0	0	0
19	Olive & 11th	0	0	0	81	107	0	0	648	355	0	0	0
20	Figueroa & 12th	0	456	9	13	0	10	8	696	2	1	1	0
21	Flower & 12th	24	221	57	0	0	0	0	0	0	1	17	0
22	Grand & 12th	0	315	50	0	0	0	0	0	0	29	50	0
23	Olive & 12th	0	0	0	0	0	0	11	1,048	0	0	61	36
24	LA Live Way & Pico	174	0	0	94	330	0	497	701	670	0	432	0
25	LA Live Way & Bond	0	0	0	0	2	0	0	2,004	79	0	0	2
26	Figueroa & Pico	15	453	14	38	309	43	120	574	106	125	681	82
27	Flower & Pico	77	143	2	0	331	13	0	0	0	99	709	0
28	Grand & Pico	67	256	11	0	424	14	0	0	0	36	423	0
29	Olive & Pico	0	0	0	63	243	0	95	987	192	0	310	127
30	Hill & Pico	21	151	8	64	283	19	11	779	38	16	247	55
31	Broadway & Pico	32	202	11	20	218	16	24	291	113	22	217	40
32	Main & Pico	44	215	15	52	228	8	38	245	25	34	156	48
33	Blaine & Olympic	2	51	8	15	577	118	415	1	139	115	1,024	2
34	Blaine & SR 110 SB Off-Ramps	0	292	0	556	0	985	0	0	0	0	0	0
35	Blaine & 11th	48	843	391	0	39	0	0	0	0	150	0	0
36	Convention Center Drive & Venice	23	0	70	475	282	0	0	0	0	0	480	42

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Peak Hour Traffic Volumes

37	Figueroa & Venice	246	324	13	142	247	27	43	635	110	143	315	58
38	Flower & Venice	32	210	10	0	387	21	0	0	0	56	314	0
39	Grand & Venice	36	266	26	0	383	14	0	0	0	67	283	0
40	Olive & Venice	0	0	0	167	233	0	24	1,116	164	0	257	47
41	Grand & 17th	168	182	0	0	595	83	0	0	0	0	0	0
42	Olive & 17th	0	0	0	1,102	517	0	0	957	164	0	0	0
43	Hill & 17th	81	130	0	364	1,515	27	0	478	60	0	0	0
44	Broadway & 17th	58	266	0	143	1,788	71	0	318	68	0	0	0
45	Main & 17th	73	204	0	27	1,836	43	0	247	51	0	0	0
46	Los Angeles & 17th	284	226	0	277	1,600	47	0	105	19	0	0	0
47	Flower & 18th	0	116	6	0	0	0	0	0	0	6	74	0
48	Grand & 18th	0	177	109	0	0	0	123	0	0	111	589	0
49	Olive & 18th	0	0	0	0	0	0	14	623	0	0	334	493
50	Hill & 18th	0	121	35	0	0	0	18	396	0	31	286	140
51	Broadway & 18th	0	296	39	0	0	0	26	354	0	20	289	26
52	Main & 18th	0	221	30	0	0	0	75	274	0	26	202	32
53	Los Angeles & 18th	0	103	3	0	0	0	2	146	0	11	21	275
54	Figueroa & Washington	77	216	53	129	532	75	91	738	91	64	371	108
55	Flower & Washington	38	73	9	0	616	10	0	0	0	70	454	0
56	Grand & Washington	57	100	35	7	478	8	48	110	25	10	453	0
57	Olive & Washington	0	0	0	81	421	78	2	456	23	4	435	110
58	Hill & Washington	25	85	31	63	428	10	21	294	9	2	82	58
59	Broadway & Washington	93	186	32	51	392	35	53	328	20	7	119	5
60	Main & Washington	23	186	36	31	445	27	55	297	45	29	380	17
61	Los Angeles & Washington	42	71	36	53	387	7	15	68	6	11	314	36
62	San Pedro & Washington	41	376	43	33	363	53	38	569	84	55	308	116
63	Figueroa & Adams	82	572	95	228	471	155	77	670	148	134	233	107
64	Flower & Adams	24	80	0	84	842	0	0	0	0	145	295	0
65	I-110 NB Off General & Adams	509	0	275	0	380	0	356	0	296	0	294	0
66	Grand & Adams	35	60	31	22	329	28	30	48	14	16	1,025	121
67	Hill & Adams	19	84	21	48	331	13	37	367	20	34	515	534
68	Broadway & Adams	23	219	14	24	350	29	18	239	26	33	416	124
69	Main & Adams	19	214	28	38	313	37	48	345	53	33	361	42
70	Flower & Jefferson	24	170	25	0	411	50	0	0	0	163	261	0
71	Figueroa & Exposition	69	641	198	341	434	63	34	1,040	149	107	287	134
72	Flower & 37th Street	0	144	282	0	0	0	35	0	0	42	406	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	75	0	0	98	381	0	0	79	292
74	Hill & 37th Street	14	59	3	0	17	2	3	296	10	10	25	79
75	Broadway & 37th	3	314	3	1	1	1	0	293	8	16	7	12
76	Figueroa & 39th	117	371	44	115	17	70	29	345	56	11	6	33

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Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	60	33	157	0	120	61	43	0
78	Figueroa & MLK	124	267	91	129	1,144	123	108	227	82	94	1,232	164
79	I-110 SB Ramps & MLK	504	0	250	0	1,000	220	0	0	0	543	908	0
80	I-110 NB Ramps/Hill & MLK	77	6	13	28	778	146	120	131	356	381	607	30
81	Georgia & James Wood	0	0	0	0	0	0	24	368	0	12	913	157
82	Francisco & 9th	0	0	11	0	0	0	0	0	0	0	1,844	506
83	Figueroa & 9th	0	0	0	0	0	0	113	841	0	0	1,068	750
84	Flower & 9th	0	615	131	0	0	0	0	0	0	363	841	0
85	Broadway & 9th	0	335	70	0	0	0	28	305	0	39	551	88
86	Bixel & 8th	45	546	0	105	416	272	0	0	0	0	0	0
87	Francisco & 8th	0	0	0	0	1,383	390	0	0	235	0	0	0
88	Figueroa & 8th	0	0	0	449	1,230	0	0	862	518	0	0	0
89	Flower & 8th	588	791	0	0	1,061	102	0	0	0	0	0	0
90	Hill & 8th	183	437	0	54	609	58	0	128	15	0	0	0
91	Broadway & 8th	74	399	0	95	600	19	0	352	43	0	0	0
92	Bixel & Wilshire	24	170	8	11	445	46	39	49	26	85	562	19
93	Figueroa & Wilshire	0	0	0	97	167	0	159	665	87	0	508	199
94	Lucas & 6th	73	247	176	7	231	6	8	80	21	22	405	72
95	Bixel & 6th	20	80	24	26	207	32	18	37	18	86	494	20
96	Figueroa & 6th	0	0	0	0	0	0	89	885	0	0	1,803	147
97	Flower & 6th	0	733	175	0	0	0	0	0	0	691	1,219	0
98	Grand & 6th	0	673	96	0	0	0	0	0	0	234	917	0
99	Hill & 6th	0	467	48	0	0	0	75	188	0	213	623	28
100	Spring & 6th	0	760	121	0	0	0	0	0	0	142	608	0
101	Main & 6th	0	0	0	0	0	0	94	451	0	0	518	184
102	Figueroa & 5th	0	0	0	219	693	0	0	689	399	0	0	0
103	Grand & 5th	175	539	0	40	699	232	0	0	0	0	0	0
104	Olive & 5th	100	0	0	38	619	0	0	284	232	0	0	0
105	Hill & 5th	193	495	0	62	399	26	0	175	37	0	0	0
106	Spring & 5th	187	673	0	0	248	156	0	0	0	0	0	0
107	Main & 5th	0	0	0	81	233	0	0	484	177	0	0	0
108	Figueroa & 2nd	22	181	33	14	100	26	75	381	55	141	199	34
109	Beaudry & 1st	58	129	31	32	157	31	45	160	45	30	240	26
110	Hope & 1st	22	433	131	65	200	33	55	100	16	84	354	64
111	Grand & 1st	59	667	61	114	229	111	14	56	19	160	282	81
112	Olive & 1st	0	0	0	0	286	24	162	0	80	33	373	0
113	Hill & 1st	76	594	55	22	232	16	23	139	19	41	275	76
114	Spring & 1st	42	653	10	2	161	22	0	0	0	25	236	32
115	Main & 1st	0	0	0	23	195	0	47	259	34	0	444	63
116	Hope & Temple/US-101 Ramps	45	491	201	116	276	51	78	77	24	67	373	133

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	100	272	0	0	370	118
118	Los Angeles & Aliso	0	271	88	0	0	0	16	162	0	24	420	20
119	Grand & I-110 On-Ramp/US-101 Ramps	272	352	0	0	0	0	0	229	167	523	0	58
120	Beaudry & Sunset	57	58	32	23	766	68	87	45	165	71	619	24
121	Figueroa & Cesar Chavez	71	71	53	64	899	69	192	299	186	79	600	85
122	Grand & Cesar Chavez	14	123	7	38	780	224	79	36	233	276	536	20
123	Spring & Cesar Chavez	90	177	9	74	842	266	30	10	8	124	461	1
124	Main & Cesar Chavez	0	0	0	35	946	0	143	173	169	0	447	50
125	Alameda & Cesar Chavez	147	726	64	67	611	153	105	605	225	220	321	51
126	Main & Alpine	99	182	33	55	257	0	15	107	3	19	78	47
127	Alameda & Alpine	133	172	61	72	113	23	51	258	56	86	38	44
128	Hill & Alpine	35	846	95	132	118	50	62	254	31	24	148	34
129	Hill & College	51	912	225	109	150	36	81	330	31	39	178	83
130	Sunset & Elysian Park	0	656	589	84	0	75	706	590	0	0	0	0
131	Glendale & Bellevue	0	858	90	124	0	329	164	507	0	0	0	0
132	Glendale & Temple	151	621	90	91	294	34	16	400	46	257	266	233
133	Alvarado & US 101 NB Ramps	264	725	0	75	0	234	0	625	248	0	0	0
134	Alvarado & US 101 SB Ramps	0	745	177	0	0	0	229	636	0	235	10	203
135	Alvarado & Beverly	79	851	14	58	251	62	38	682	28	40	294	84
136	Vermont & 6th	104	1,083	79	89	384	94	63	1,007	60	93	466	144
137	Alvarado & 6th	119	723	52	51	383	52	92	613	49	62	436	54
138	Western & Wilshire	87	806	89	83	623	133	121	771	91	94	643	116
139	Normandie & Wilshire	75	424	40	16	392	34	39	183	19	54	729	25
140	Vermont & Wilshire	77	1,163	58	79	629	70	37	943	94	39	485	116
141	Alvarado & Wilshire	108	646	41	88	551	41	77	643	23	38	467	75
142	Vermont & 8th	95	1,192	50	70	394	35	73	1,020	98	85	294	39
143	Alvarado & 8th	68	559	82	102	332	57	122	563	51	37	285	57
144	Western & Olympic	94	668	188	134	599	110	91	814	98	34	769	88
145	Normandie & Olympic	72	520	68	43	957	80	107	517	79	71	1,097	52
146	Vermont & Olympic	168	948	128	100	653	108	86	987	78	68	895	139
147	Alvarado & Olympic	125	482	103	78	643	84	300	522	68	91	869	98
148	Union & Olympic	95	409	63	64	618	112	22	471	77	49	1,098	54
149	Western & Pico	74	856	72	81	395	91	91	862	88	91	474	84
150	Normandie & Pico	53	667	36	51	438	107	147	606	47	68	460	35
151	Vermont & Pico	95	944	107	69	566	59	164	1,044	87	71	513	75
152	Alvarado & Pico	155	445	141	112	585	88	369	571	17	35	530	267
153	Pico & Union	103	447	44	47	685	46	36	458	61	54	982	53
154	Hoover & Alvarado	0	596	0	14	0	483	841	586	0	0	0	0
155	Western & Venice	55	767	50	50	343	86	71	905	75	51	470	60
156	Normandie & Venice	67	789	29	42	305	25	37	695	73	103	447	58

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

157	Vermont & Venice	79	976	72	65	298	57	123	1,114	45	41	449	75
158	Hoover & Venice	108	897	53	61	196	99	102	1,221	51	114	330	172
159	Western & Washington	44	948	74	89	300	100	93	1,045	75	96	462	73
160	Normandie & Washington	59	801	68	57	253	81	131	783	125	126	467	37
161	Vermont & Washington	48	963	67	85	378	103	113	1,072	68	40	474	96
162	Hoover & Washington	153	789	150	86	348	52	48	1,127	64	53	474	142
163	I-10 WB Ramp & 20th	0	0	0	0	40	487	281	0	43	22	42	0
164	Vermont & I-10 EB Ramps	0	702	441	0	0	0	210	905	0	246	0	382
165	I-10 EB Ramp & Hoover	0	633	258	0	0	0	278	638	0	222	0	740
166	Hill & Venice	13	130	10	168	424	13	17	778	32	45	178	59
167	Broadway & Venice	10	212	9	14	514	26	10	371	78	47	154	19
168	Main & Venice	36	206	10	14	499	6	8	221	26	32	104	25
169	Los Angeles & Venice	19	219	9	33	490	217	9	219	12	23	71	24
170	San Pedro & Venice	126	395	0	277	712	185	0	216	68	54	0	37
171	Central & Venice	171	411	0	176	345	199	0	370	163	0	0	0
172	Central & Washington	58	339	32	57	332	55	29	623	98	84	263	94
173	Wilton Place (ext. of Arlington) & Wilshire	109	580	30	51	717	100	52	652	63	42	673	125
174	Arlington & Olympic	105	516	81	51	597	45	68	514	60	69	936	100
175	Arlington & Pico	76	502	61	60	409	58	55	568	94	91	506	79
176	Arlington & Venice	48	598	29	33	386	55	45	642	49	73	480	35
177	Arlington & Washington	35	707	16	54	379	110	109	621	49	70	472	62
178													
179													
180													
181													
182													
183													

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday LACC Dark - Post-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

EXISTING CONDITIONS (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
Grand Avenue										
- North of 1st St.	70	10	45	35	636	6,360	0	0	66.8	65.9
- South of 1st St.	70	10	45	35	595	5,950	0	0	66.5	65.6
- North of 11th St.	70	10	45	35	331	3,310	0	0	64.0	63.0
- Between 11th and 12th St.	50	10	35	35	309	3,090	0	0	64.9	63.9
- Between 12th St. and Venice Ave.	50	10	35	35	339	3,390	0	0	65.3	64.3
- Between Venice Ave. and 17th St.	50	10	35	35	368	3,680	0	0	65.7	64.7
- Between 17th St. and Washington Ave.	50	10	35	35	251	2,510	0	0	64.0	63.0
- South of Washington Ave.	50	10	35	35	264	2,640	0	0	64.2	63.2
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	896	8,960	0	0	68.3	67.3
- Between 5th St. and Wilshire Blvd.	70	10	45	35	1,052	10,520	0	0	69.0	68.0
- Between Wilshire Blvd. and 9th St.	70	10	45	35	843	8,430	0	0	68.1	67.1
- Between 9th St. and Olympic Blvd.	70	10	45	35	744	7,440	0	0	67.5	66.5
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	886	8,860	0	0	68.3	67.3
- South of Pico Blvd.	70	10	45	35	1,024	10,240	0	0	68.9	67.9
Flower Street										
- North of 6th St.	70	10	45	35	382	3,820	0	0	64.6	63.6
- Between 6th St. and 8th St.	60	10	40	35	638	6,380	0	0	67.4	66.5
- Between 8th and Pico Blvd.	60	10	40	35	407	4,070	0	0	65.5	64.5
- South of Pico Blvd.	40	10	30	35	244	2,440	0	0	64.7	63.7
- South of 18th St.	40	10	30	35	148	1,480	0	0	62.5	61.5
Hope Street										
- North of 1st St.	60	10	40	35	535	5,350	0	0	66.7	65.7
- South of 1st St.	70	10	45	35	616	6,160	0	0	66.7	65.7
1st Street										

EXISTING CONDITIONS (2011)

EXISTING CONDITIONS (2011)		Distance to	Distance to							
Roadway Segment	Roadway Width*, ft	Edge of Roadway, ft	Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- Between Hope St. and Grand Ave.	80	10	50	35	805	8,050	0	0	67.5	66.5
2nd Street										
- West of Figueroa St.	80	10	50	35	568	5,680	0	0	65.9	65.0
- East of Figueroa St.	70	10	45	35	496	4,960	0	0	65.8	64.8
6th Street										
- West of Lucas Ave.	40	10	30	35	829	8,290	0	0	70.0	69.0
- Between Lucas Ave. & Bixel St.	40	10	30	35	722	7,220	0	0	69.4	68.4
- East of Bixel St.	40	10	30	35	674	6,740	0	0	69.1	68.1
- East of Flower St.	40	10	30	35	564	5,640	0	0	68.3	67.3
- West of Main St.	40	10	30	35	506	5,060	0	0	67.8	66.9
- East of Main St.	40	10	30	35	381	3,810	0	0	66.6	65.6
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	1,710	17,100	0	0	70.7	69.8
- Between Alvarado St. & Union Ave.	80	10	50	35	1,548	15,480	0	0	70.3	69.3
- Between Union Ave. & Blaine St.	80	10	50	35	1,296	12,960	0	0	69.5	68.6
- Beween Blanine St. & Georgia St.	80	10	50	35	1,264	12,640	0	0	69.4	68.4
- Between George St. & Francisco St.	80	10	50	35	1,265	12,650	0	0	69.4	68.4
- Between Francisco St. & Figueroa St.	80	10	50	35	1,298	12,980	0	0	69.5	68.6
- Between Figueroa St. & Flower St.	70	10	45	35	1,219	12,190	0	0	69.7	68.7
- East of Flower St.	70	10	45	35	999	9,990	0	0	68.8	67.8
W. 11th Street										
- West of Blaine St.	40	10	30	35	340	3,400	0	0	66.1	65.1
- Between Blaine St. & LA Live Wy.	40	10	30	35	280	2,800	0	0	65.3	64.3
- East of LA Live Wy.	60	10	40	35	171	1,710	0	0	61.7	60.8
- West of Grand Ave.	40	10	30	35	176	1,760	0	0	63.3	62.3
- East of Grand Ave.	40	10	30	35	149	1,490	0	0	62.5	61.6
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,342	13,420	0	0	70.7	69.7
- Between Alvarado St.& Union Ave.	60	10	40	35	1,437	14,370	0	0	71.0	70.0
- Between Union Ave. & Figueroa St.	60	10	40	35	1,005	10,050	0	0	69.4	68.4
- Between Figueroa & Flower St.	70	10	45	35	620	6,200	0	0	66.7	65.7
- East of Hill St.	50	10	35	35	370	3,700	0	0	65.7	64.7
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	470	4,700	0	0	67.3	66.3
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	416	4,160	0	0	66.8	65.8
Venice Boulevard										
- East of Olive St.	40	10	30	35	296	2,960	0	0	65.5	64.5
W. 12th Street										

EXISTING CONDITIONS (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- West of Grand Ave.	40	10	30	35	74	740	0	0	59.5	58.5
E. 17th Street										
- West of Grand Ave.	40	10	30	35	601	6,010	0	0	68.6	67.6
W. 18th Street										
- West of Flower St.	40	10	30	35	25	250	0	0	54.8	53.8
- West of Grand Ave.	40	10	30	35	20	200	0	0	53.8	52.8
Washington Boulevard										
- West of Flower St.	80	10	50	35	893	8,930	0	0	67.9	66.9
- Between Flower St. & Grand Ave.	80	10	50	35	765	7,650	0	0	67.2	66.3
- Between Grand Ave. & Los Angeles St.	80	10	50	35	660	6,600	0	0	66.6	65.6
- East of Los Angeles St.	80	10	50	35	611	6,110	0	0	66.3	65.3
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	337	3,370	0	0	64.1	63.1
- East of I-110 Fwy.	50	10	35	35	202	2,020	0	0	63.1	62.1
Alvarado Street										
- North of 8th St.	60	10	40	35	1,697	16,970	0	0	71.7	70.7
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,573	15,730	0	0	71.4	70.4
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,458	14,580	0	0	71.0	70.1
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,325	13,250	0	0	70.6	69.6
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,275	12,750	0	0	71.7	70.7
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,252	12,520	0	0	71.6	70.6
- South of Pico Blvd.	40	10	30	30	1,192	11,920	0	0	71.4	70.4
Lucas Ave.										
- North of 6th St.	40	10	30	30	342	3,420	0	0	65.9	65.0
- South of 6th St.	40	10	30	30	240	2,400	0	0	64.4	63.4
Bixel Street										
- North of 8th St.	40	10	30	30	212	2,120	0	0	63.9	62.9
- Between 8th St. & Wilshire Blvd.	40	10	30	30	271	2,710	0	0	64.9	64.0
- Between Wilshire Blvd. & 6th St.	40	10	30	30	619	6,190	0	0	68.5	67.5
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,292	12,920	0	0	71.1	70.1
- Between Flower St. & Grand Ave.	50	10	35	35	972	9,720	0	0	69.9	68.9
- Between Grand Ave. and Main St.	50	10	35	35	774	7,740	0	0	68.9	67.9
- East of Main St.	50	10	35	35	739	7,390	0	0	68.7	67.7
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	958	9,580	0	0	69.8	68.8
- Between Bixel St. & Figueroa St.	50	10	35	35	829	8,290	0	0	69.2	68.2

EXISTING CONDITIONS (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	597	5,970	0	0	67.8	66.8

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday LACC Dark - Post-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
Grand Avenue										
- North of 1st St.	70	10	45	35	1,036	10,360	0	0	69.0	68.0
- South of 1st St.	70	10	45	35	1,076	10,760	0	0	69.1	68.1
- North of 11th St.	70	10	45	35	705	7,050	0	0	67.3	66.3
- Between 11th and 12th St.	50	10	35	35	786	7,860	0	0	69.0	68.0
- Between 12th St. and Venice Ave.	50	10	35	35	806	8,060	0	0	69.1	68.1
- Between Venice Ave. and 17th St.	50	10	35	35	803	8,030	0	0	69.0	68.1
- Between 17th St. and Washington Ave.	50	10	35	35	426	4,260	0	0	66.3	65.3
- South of Washington Ave.	50	10	35	35	395	3,950	0	0	66.0	65.0
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	1,173	11,730	0	0	69.5	68.5
- Between 5th St. and Wilshire Blvd.	70	10	45	35	1,557	15,570	0	0	70.7	69.7
- Between Wilshire Blvd. and 9th St.	70	10	45	35	1,367	13,670	0	0	70.2	69.2
- Between 9th St. and Olympic Blvd.	70	10	45	35	1,348	13,480	0	0	70.1	69.1
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	1,526	15,260	0	0	70.6	69.7
- South of Pico Blvd.	70	10	45	35	1,546	15,460	0	0	70.7	69.7
Flower Street										
- North of 6th St.	70	10	45	35	640	6,400	0	0	66.9	65.9
- Between 6th St. and 8th St.	60	10	40	35	1,046	10,460	0	0	69.6	68.6
- Between 8th and Pico Blvd.	60	10	40	35	854	8,540	0	0	68.7	67.7
- South of Pico Blvd.	40	10	30	35	673	6,730	0	0	69.1	68.1
- South of 18th St.	40	10	30	35	492	4,920	0	0	67.7	66.7
Hope Street										
- North of 1st St.	60	10	40	35	711	7,110	0	0	67.9	66.9
- South of 1st St.	70	10	45	35	742	7,420	0	0	67.5	66.5
1st Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- Between Hope St. and Grand Ave.	80	10	50	35	1,317	13,170	0	0	69.6	68.6
2nd Street										
- West of Figueroa St.	80	10	50	35	633	6,330	0	0	66.4	65.4
- East of Figueroa St.	70	10	45	35	551	5,510	0	0	66.2	65.2
6th Street										
- West of Lucas Ave.	40	10	30	35	1,208	12,080	0	0	71.6	70.6
- Between Lucas Ave. & Bixel St.	40	10	30	35	1,247	12,470	0	0	71.8	70.8
- East of Bixel St.	40	10	30	35	1,229	12,290	0	0	71.7	70.7
- East of Flower St.	40	10	30	35	843	8,430	0	0	70.1	69.1
- West of Main St.	40	10	30	35	742	7,420	0	0	69.5	68.5
- East of Main St.	40	10	30	35	552	5,520	0	0	68.2	67.2
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	2,060	20,600	0	0	71.5	70.6
- Between Alvarado St. & Union Ave.	80	10	50	35	1,967	19,670	0	0	71.3	70.4
- Between Union Ave. & Blaine St.	80	10	50	35	1,714	17,140	0	0	70.7	69.8
- Between Blaine St. & Georgia St.	80	10	50	35	1,788	17,880	0	0	70.9	69.9
- Between George St. & Francisco St.	80	10	50	35	1,715	17,150	0	0	70.7	69.8
- Between Francisco St. & Figueroa St.	80	10	50	35	1,822	18,220	0	0	71.0	70.0
- Between Figueroa St. & Flower St.	70	10	45	35	1,737	17,370	0	0	71.2	70.2
- East of Flower St.	70	10	45	35	1,495	14,950	0	0	70.5	69.6
W. 11th Street										
- West of Blaine St.	40	10	30	35	355	3,550	0	0	66.3	65.3
- Between Blaine St. & LA Live Wy.	40	10	30	35	427	4,270	0	0	67.1	66.1
- East of LA Live Wy.	60	10	40	35	341	3,410	0	0	64.7	63.8
- West of Grand Ave.	40	10	30	35	492	4,920	0	0	67.7	66.7
- East of Grand Ave.	40	10	30	35	569	5,690	0	0	68.4	67.4
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,525	15,250	0	0	71.2	70.3
- Between Alvarado St. & Union Ave.	60	10	40	35	1,629	16,290	0	0	71.5	70.5
- Between Union Ave. & Figueroa St.	60	10	40	35	1,229	12,290	0	0	70.3	69.3
- Between Figueroa & Flower St.	70	10	45	35	843	8,430	0	0	68.1	67.1
- East of Hill St.	50	10	35	35	504	5,040	0	0	67.0	66.0
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	622	6,220	0	0	68.5	67.6
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	543	5,430	0	0	67.9	67.0
Venice Boulevard										
- East of Olive St.	40	10	30	35	333	3,330	0	0	66.0	65.0
W. 12th Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- West of Grand Ave.	40	10	30	35	278	2,780	0	0	65.2	64.3
E. 17th Street										
- West of Grand Ave.	40	10	30	35	955	9,550	0	0	70.6	69.6
W. 18th Street										
- West of Flower St.	40	10	30	35	54	540	0	0	58.1	57.1
- West of Grand Ave.	40	10	30	35	49	490	0	0	57.7	56.7
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,028	10,280	0	0	68.5	67.5
- Between Flower St. & Grand Ave.	80	10	50	35	921	9,210	0	0	68.0	67.1
- Between Grand Ave. & Los Angeles St.	80	10	50	35	816	8,160	0	0	67.5	66.5
- East of Los Angeles St.	80	10	50	35	757	7,570	0	0	67.2	66.2
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	386	3,860	0	0	64.7	63.7
- East of I-110 Fwy.	50	10	35	35	204	2,040	0	0	63.1	62.1
Alvarado Street										
- North of 8th St.	60	10	40	35	1,932	19,320	0	0	72.3	71.3
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,803	18,030	0	0	72.0	71.0
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,735	17,350	0	0	71.8	70.8
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,518	15,180	0	0	71.2	70.2
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,305	13,050	0	0	71.8	70.8
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,269	12,690	0	0	71.6	70.7
- South of Pico Blvd.	40	10	30	30	1,215	12,150	0	0	71.4	70.5
Lucas Ave.										
- North of 6th St.	40	10	30	30	579	5,790	0	0	68.2	67.3
- South of 6th St.	40	10	30	30	438	4,380	0	0	67.0	66.0
Bixel Street										
- North of 8th St.	40	10	30	30	282	2,820	0	0	65.1	64.1
- Between 8th St. & Wilshire Blvd.	40	10	30	30	373	3,730	0	0	66.3	65.3
- Between Wilshire Blvd. & 6th St.	40	10	30	30	759	7,590	0	0	69.4	68.4
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,405	14,050	0	0	71.5	70.5
- Between Flower St. & Grand Ave.	50	10	35	35	1,091	10,910	0	0	70.4	69.4
- Between Grand Ave. and Main St.	50	10	35	35	895	8,950	0	0	69.5	68.5
- East of Main St.	50	10	35	35	827	8,270	0	0	69.2	68.2
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	1,240	12,400	0	0	70.9	70.0
- Between Bixel St. & Figueroa St.	50	10	35	35	1,115	11,150	0	0	70.5	69.5

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site	Peak	24-Hour CNEL
					PHV	ADT		Adjust., dBA	Hour, Leq**	
- East of Figueroa St.	50	10	35	35	762	7,620	0	0	68.8	67.8

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday LACC Dark - Post-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
Grand Avenue										
- North of 1st St.	70	10	45	35	1,656	16,560	0	0	71.0	70.0
- South of 1st St.	70	10	45	35	1,077	10,770	0	0	69.1	68.1
- North of 11th St.	70	10	45	35	867	8,670	0	0	68.2	67.2
- Between 11th and 12th St.	50	10	35	35	1,285	12,850	0	0	71.1	70.1
- Between 12th St. and Venice Ave.	50	10	35	35	1,806	18,060	0	0	72.6	71.6
- Between Venice Ave. and 17th St.	50	10	35	35	2,218	22,180	0	0	73.5	72.5
- Between 17th St. and Washington Ave.	50	10	35	35	1,349	13,490	0	0	71.3	70.3
- South of Washington Ave.	50	10	35	35	754	7,540	0	0	68.8	67.8
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	2,311	23,110	0	0	72.4	71.5
- Between 5th St. and Wilshire Blvd.	70	10	45	35	3,107	31,070	0	0	73.7	72.7
- Between Wilshire Blvd. and 9th St.	70	10	45	35	2,528	25,280	0	0	72.8	71.9
- Between 9th St. and Olympic Blvd.	70	10	45	35	1,563	15,630	0	0	70.7	69.8
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	1,663	16,630	0	0	71.0	70.0
- South of Pico Blvd.	70	10	45	35	1,843	18,430	0	0	71.5	70.5
Flower Street										
- North of 6th St.	70	10	45	35	660	6,600	0	0	67.0	66.0
- Between 6th St. and 8th St.	60	10	40	35	1,231	12,310	0	0	70.3	69.3
- Between 8th and Pico Blvd.	60	10	40	35	1,039	10,390	0	0	69.6	68.6
- South of Pico Blvd.	40	10	30	35	1,297	12,970	0	0	71.9	71.0
- South of 18th St.	40	10	30	35	800	8,000	0	0	69.8	68.9
Hope Street										
- North of 1st St.	60	10	40	35	1,179	11,790	0	0	70.1	69.1
- South of 1st St.	70	10	45	35	802	8,020	0	0	67.8	66.9
1st Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- Between Hope St. and Grand Ave.	80	10	50	35	1,508	15,080	0	0	70.2	69.2
2nd Street										
- West of Figueroa St.	80	10	50	35	1,162	11,620	0	0	69.1	68.1
- East of Figueroa St.	70	10	45	35	618	6,180	0	0	66.7	65.7
6th Street										
- West of Lucas Ave.	40	10	30	35	1,233	12,330	0	0	71.7	70.7
- Between Lucas Ave. & Bixel St.	40	10	30	35	1,275	12,750	0	0	71.9	70.9
- East of Bixel St.	40	10	30	35	1,290	12,900	0	0	71.9	70.9
- East of Flower St.	40	10	30	35	1,122	11,220	0	0	71.3	70.3
- West of Main St.	40	10	30	35	1,035	10,350	0	0	70.9	70.0
- East of Main St.	40	10	30	35	569	5,690	0	0	68.4	67.4
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	2,410	24,100	0	0	72.2	71.2
- Between Alvarado St. & Union Ave.	80	10	50	35	2,340	23,400	0	0	72.1	71.1
- Between Union Ave. & Blaine St.	80	10	50	35	2,097	20,970	0	0	71.6	70.6
- Between Blaine St. & Georgia St.	80	10	50	35	2,504	25,040	0	0	72.4	71.4
- Between George St. & Francisco St.	80	10	50	35	2,339	23,390	0	0	72.1	71.1
- Between Francisco St. & Figueroa St.	80	10	50	35	2,792	27,920	0	0	72.9	71.9
- Between Figueroa St. & Flower St.	70	10	45	35	2,484	24,840	0	0	72.8	71.8
- East of Flower St.	70	10	45	35	1,854	18,540	0	0	71.5	70.5
W. 11th Street										
- West of Blaine St.	40	10	30	35	178	1,780	0	0	63.3	62.3
- Between Blaine St. & LA Live Wy.	40	10	30	35	1,308	13,080	0	0	72.0	71.0
- East of LA Live Wy.	60	10	40	35	427	4,270	0	0	65.7	64.7
- West of Grand Ave.	40	10	30	35	343	3,430	0	0	66.2	65.2
- East of Grand Ave.	40	10	30	35	535	5,350	0	0	68.1	67.1
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,768	17,680	0	0	71.9	70.9
- Between Alvarado St. & Union Ave.	60	10	40	35	2,178	21,780	0	0	72.8	71.8
- Between Union Ave. & Figueroa St.	60	10	40	35	1,847	18,470	0	0	72.1	71.1
- Between Figueroa & Flower St.	70	10	45	35	1,411	14,110	0	0	70.3	69.3
- East of Hill St.	50	10	35	35	676	6,760	0	0	68.3	67.3
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	941	9,410	0	0	70.3	69.4
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	776	7,760	0	0	69.5	68.5
Venice Boulevard										
- East of Olive St.	40	10	30	35	1,407	14,070	0	0	72.3	71.3
W. 12th Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- West of Grand Ave.	40	10	30	35	416	4,160	0	0	67.0	66.0
E. 17th Street										
- West of Grand Ave.	40	10	30	35	1,617	16,170	0	0	72.9	71.9
W. 18th Street										
- West of Flower St.	40	10	30	35	309	3,090	0	0	65.7	64.7
- West of Grand Ave.	40	10	30	35	304	3,040	0	0	65.6	64.7
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,885	18,850	0	0	71.2	70.2
- Between Flower St. & Grand Ave.	80	10	50	35	1,703	17,030	0	0	70.7	69.7
- Between Grand Ave. & Los Angeles St.	80	10	50	35	1,293	12,930	0	0	69.5	68.5
- East of Los Angeles St.	80	10	50	35	1,183	11,830	0	0	69.1	68.2
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	491	4,910	0	0	65.7	64.7
- East of I-110 Fwy.	50	10	35	35	355	3,550	0	0	65.5	64.5
Alvarado Street										
- North of 8th St.	60	10	40	35	2,053	20,530	0	0	72.5	71.5
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,985	19,850	0	0	72.4	71.4
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,992	19,920	0	0	72.4	71.4
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,715	17,150	0	0	71.7	70.8
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,305	13,050	0	0	71.8	70.8
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,331	13,310	0	0	71.8	70.9
- South of Pico Blvd.	40	10	30	30	1,271	12,710	0	0	71.6	70.7
Lucas Ave.										
- North of 6th St.	40	10	30	30	644	6,440	0	0	68.7	67.7
- South of 6th St.	40	10	30	30	500	5,000	0	0	67.6	66.6
Bixel Street										
- North of 8th St.	40	10	30	30	282	2,820	0	0	65.1	64.1
- Between 8th St. & Wilshire Blvd.	40	10	30	30	406	4,060	0	0	66.7	65.7
- Between Wilshire Blvd. & 6th St.	40	10	30	30	853	8,530	0	0	69.9	68.9
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,417	14,170	0	0	71.5	70.5
- Between Flower St. & Grand Ave.	50	10	35	35	1,200	12,000	0	0	70.8	69.8
- Between Grand Ave. and Main St.	50	10	35	35	927	9,270	0	0	69.7	68.7
- East of Main St.	50	10	35	35	827	8,270	0	0	69.2	68.2
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	1,326	13,260	0	0	71.2	70.2
- Between Bixel St. & Figueroa St.	50	10	35	35	1,261	12,610	0	0	71.0	70.0

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	947	9,470	0	0	69.8	68.8

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday LACC Dark - Post-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
Grand Avenue										
- North of 1st St.	70	10	45	35	1,256	12,560	0	0	69.8	68.8
- South of 1st St.	70	10	45	35	596	5,960	0	0	66.6	65.6
- North of 11th St.	70	10	45	35	493	4,930	0	0	65.7	64.8
- Between 11th and 12th St.	50	10	35	35	809	8,090	0	0	69.1	68.1
- Between 12th St. and Venice Ave.	50	10	35	35	1,339	13,390	0	0	71.3	70.3
- Between Venice Ave. and 17th St.	50	10	35	35	1,783	17,830	0	0	72.5	71.5
- Between 17th St. and Washington Ave.	50	10	35	35	1,173	11,730	0	0	70.7	69.7
- South of Washington Ave.	50	10	35	35	623	6,230	0	0	67.9	67.0
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	2,034	20,340	0	0	71.9	70.9
- Between 5th St. and Wilshire Blvd.	70	10	45	35	2,602	26,020	0	0	73.0	72.0
- Between Wilshire Blvd. and 9th St.	70	10	45	35	2,004	20,040	0	0	71.8	70.8
- Between 9th St. and Olympic Blvd.	70	10	45	35	958	9,580	0	0	68.6	67.6
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	1,052	10,520	0	0	69.0	68.0
- South of Pico Blvd.	70	10	45	35	1,332	13,320	0	0	70.0	69.1
Flower Street										
- North of 6th St.	70	10	45	35	402	4,020	0	0	64.8	63.9
- Between 6th St. and 8th St.	60	10	40	35	823	8,230	0	0	68.6	67.6
- Between 8th and Pico Blvd.	60	10	40	35	593	5,930	0	0	67.1	66.2
- South of Pico Blvd.	40	10	30	35	866	8,660	0	0	70.2	69.2
- South of 18th St.	40	10	30	35	456	4,560	0	0	67.4	66.4
Hope Street										
- North of 1st St.	60	10	40	35	1,003	10,030	0	0	69.4	68.4
- South of 1st St.	70	10	45	35	676	6,760	0	0	67.1	66.1
1st Street										

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- Between Hope St. and Grand Ave.	80	10	50	35	996	9,960	0	0	68.4	67.4
2nd Street										
- West of Figueroa St.	80	10	50	35	1,097	10,970	0	0	68.8	67.8
- East of Figueroa St.	70	10	45	35	563	5,630	0	0	66.3	65.3
6th Street										
- West of Lucas Ave.	40	10	30	35	854	8,540	0	0	70.1	69.1
- Between Lucas Ave. & Bixel St.	40	10	30	35	750	7,500	0	0	69.6	68.6
- East of Bixel St.	40	10	30	35	735	7,350	0	0	69.5	68.5
- East of Flower St.	40	10	30	35	843	8,430	0	0	70.1	69.1
- West of Main St.	40	10	30	35	799	7,990	0	0	69.8	68.8
- East of Main St.	40	10	30	35	398	3,980	0	0	66.8	65.8
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	2,059	20,590	0	0	71.5	70.6
- Between Alvarado St. & Union Ave.	80	10	50	35	1,920	19,200	0	0	71.2	70.3
- Between Union Ave. & Blaine St.	80	10	50	35	1,678	16,780	0	0	70.6	69.7
- Between Blaine St. & Georgia St.	80	10	50	35	1,978	19,780	0	0	71.4	70.4
- Between George St. & Francisco St.	80	10	50	35	1,882	18,820	0	0	71.1	70.2
- Between Francisco St. & Figueroa St.	80	10	50	35	2,048	20,480	0	0	71.5	70.5
- Between Figueroa St. & Flower St.	70	10	45	35	1,886	18,860	0	0	71.6	70.6
- East of Flower St.	70	10	45	35	1,300	13,000	0	0	69.9	69.0
W. 11th Street										
- West of Blaine St.	40	10	30	35	176	1,760	0	0	63.3	62.3
- Between Blaine St. & LA Live Wy.	40	10	30	35	1,258	12,580	0	0	71.8	70.8
- East of LA Live Wy.	60	10	40	35	390	3,900	0	0	65.3	64.3
- West of Grand Ave.	40	10	30	35	91	910	0	0	60.4	59.4
- East of Grand Ave.	40	10	30	35	179	1,790	0	0	63.3	62.4
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,585	15,850	0	0	71.4	70.4
- Between Alvarado St. & Union Ave.	60	10	40	35	1,985	19,850	0	0	72.4	71.4
- Between Union Ave. & Figueroa St.	60	10	40	35	1,620	16,200	0	0	71.5	70.5
- Between Figueroa & Flower St.	70	10	45	35	1,137	11,370	0	0	69.4	68.4
- East of Hill St.	50	10	35	35	541	5,410	0	0	67.3	66.4
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	789	7,890	0	0	69.6	68.6
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	648	6,480	0	0	68.7	67.7
Venice Boulevard										
- East of Olive St.	40	10	30	35	1,369	13,690	0	0	72.2	71.2
W. 12th Street										

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- West of Grand Ave.	40	10	30	35	212	2,120	0	0	64.1	63.1
E. 17th Street										
- West of Grand Ave.	40	10	30	35	1,262	12,620	0	0	71.8	70.8
W. 18th Street										
- West of Flower St.	40	10	30	35	280	2,800	0	0	65.3	64.3
- West of Grand Ave.	40	10	30	35	275	2,750	0	0	65.2	64.2
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,750	17,500	0	0	70.8	69.9
- Between Flower St. & Grand Ave.	80	10	50	35	1,547	15,470	0	0	70.3	69.3
- Between Grand Ave. & Los Angeles St.	80	10	50	35	1,137	11,370	0	0	69.0	68.0
- East of Los Angeles St.	80	10	50	35	1,037	10,370	0	0	68.6	67.6
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	442	4,420	0	0	65.3	64.3
- East of I-110 Fwy.	50	10	35	35	353	3,530	0	0	65.5	64.5
Alvarado Street										
- North of 8th St.	60	10	40	35	1,818	18,180	0	0	72.0	71.0
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,756	17,560	0	0	71.8	70.9
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,715	17,150	0	0	71.7	70.8
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,522	15,220	0	0	71.2	70.2
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,275	12,750	0	0	71.7	70.7
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,307	13,070	0	0	71.8	70.8
- South of Pico Blvd.	40	10	30	30	1,234	12,340	0	0	71.5	70.5
Lucas Ave.										
- North of 6th St.	40	10	30	30	407	4,070	0	0	66.7	65.7
- South of 6th St.	40	10	30	30	302	3,020	0	0	65.4	64.4
Bixel Street										
- North of 8th St.	40	10	30	30	212	2,120	0	0	63.9	62.9
- Between 8th St. & Wilshire Blvd.	40	10	30	30	304	3,040	0	0	65.4	64.5
- Between Wilshire Blvd. & 6th St.	40	10	30	30	713	7,130	0	0	69.1	68.2
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,304	13,040	0	0	71.2	70.2
- Between Flower St. & Grand Ave.	50	10	35	35	1,081	10,810	0	0	70.3	69.4
- Between Grand Ave. and Main St.	50	10	35	35	806	8,060	0	0	69.1	68.1
- East of Main St.	50	10	35	35	739	7,390	0	0	68.7	67.7
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	1,044	10,440	0	0	70.2	69.2
- Between Bixel St. & Figueroa St.	50	10	35	35	975	9,750	0	0	69.9	68.9

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	782	7,820	0	0	68.9	68.0

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

Existing (2011)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	16	2	18	105	587	39	44	13	14	18	464	123
2	Francisco & Olympic	28	7	15	24	694	35	17	6	10	7	518	15
3	Figueroa & Olympic	0	0	0	139	577	74	72	487	153	90	351	122
4	Flower & Olympic	234	280	66	0	557	25	0	0	0	83	351	0
5	Grand & Olympic	97	248	23	0	475	34	0	0	0	61	257	0
6	Olive & Olympic	0	0	0	22	470	0	5	170	38	0	217	55
7	Hill & Olympic	46	155	12	25	434	14	11	72	6	14	185	23
8	Broadway & Olympic	59	191	19	54	395	28	12	210	16	9	174	29
9	Main & Olympic	90	192	16	26	361	19	25	192	28	18	156	35
10	Los Angeles & Olympic	59	127	36	37	252	29	45	128	25	30	203	28
11	Santee & Olympic	91	41	13	22	182	11	71	51	39	52	215	23
12	Maple & Olympic	63	132	20	14	97	14	45	103	50	119	149	29
13	Maple & 9th	24	84	12	36	140	51	44	119	19	52	207	13
14	San Pedro & 9th	26	212	19	45	162	43	55	231	22	44	218	43
15	LA Live Way & Chick Hearn Ct	0	0	0	33	67	7	34	224	115	11	30	40
16	Figueroa & 11th	43	109	5	80	80	50	11	611	33	44	28	35
17	Flower & 11th	89	265	0	0	126	27	0	0	0	44	0	0
18	Grand & 11th	51	280	0	0	125	24	0	0	0	0	0	0
19	Olive & 11th	0	0	0	17	105	0	0	206	40	0	0	0
20	Figueroa & 12th	2	189	3	13	0	15	16	653	3	2	0	0
21	Flower & 12th	25	250	43	0	0	0	0	0	0	8	14	0
22	Grand & 12th	0	275	39	0	0	0	0	0	0	45	29	0
23	Olive & 12th	0	0	0	0	0	0	8	226	0	0	41	21
24	LA Live Way & Pico	5	0	11	62	245	0	74	255	634	0	274	55
25	LA Live Way & Bond	0	0	0	31	0	0	0	947	0	0	1	2
26	Figueroa & Pico	24	179	12	41	220	76	36	578	71	84	222	61
27	Flower & Pico	58	198	2	0	282	12	0	0	0	34	259	0
28	Grand & Pico	37	281	3	0	217	20	0	0	0	44	158	0
29	Olive & Pico	0	0	0	14	207	0	17	207	26	0	150	15
30	Hill & Pico	14	129	1	9	200	11	6	58	7	16	143	9
31	Broadway & Pico	28	211	3	18	141	20	11	144	18	22	102	28
32	Main & Pico	24	225	7	17	168	16	7	155	22	29	67	23
33	Blaine & Olympic	1	41	11	25	538	161	63	2	94	99	507	6
34	Blaine & SR 110 SB Off-Ramps	0	303	0	167	0	109	0	0	0	0	0	0
35	Blaine & 11th	67	307	45	0	122	88	0	0	0	109	42	0
36	Convention Center Drive & Venice	17	0	9	61	421	0	0	0	0	0	332	15

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

37	Figueroa & Venice	32	275	11	25	134	24	30	573	75	100	132	30
38	Flower & Venice	33	197	15	0	141	22	0	0	0	52	113	0
39	Grand & Venice	42	294	21	0	138	20	0	0	0	52	123	0
40	Olive & Venice	0	0	0	19	128	0	28	240	29	0	121	20
41	Grand & 17th	191	179	0	0	410	65	0	0	0	0	0	0
42	Olive & 17th	0	0	0	88	399	0	0	206	82	0	0	0
43	Hill & 17th	60	124	0	37	375	7	0	93	41	0	0	0
44	Broadway & 17th	52	244	0	14	325	14	0	158	28	0	0	0
45	Main & 17th	91	195	0	10	230	39	0	163	31	0	0	0
46	Los Angeles & 17th	86	264	0	66	178	39	0	25	11	0	0	0
47	Flower & 18th	0	140	3	0	0	0	0	0	0	8	17	0
48	Grand & 18th	0	130	118	0	0	0	92	0	0	50	231	0
49	Olive & 18th	0	0	0	0	0	0	22	101	0	0	254	191
50	Hill & 18th	0	107	29	0	0	0	18	108	0	21	240	20
51	Broadway & 18th	0	228	31	0	0	0	20	165	0	8	254	22
52	Main & 18th	0	188	48	0	0	0	79	178	0	28	209	18
53	Los Angeles & 18th	0	141	3	0	0	0	7	73	0	17	21	305
54	Figueroa & Washington	80	301	45	67	376	80	46	635	83	57	234	63
55	Flower & Washington	47	94	10	0	462	0	0	0	0	5	311	0
56	Grand & Washington	37	118	24	9	363	15	17	69	29	16	302	0
57	Olive & Washington	0	0	0	51	368	3	3	40	12	3	314	32
58	Hill & Washington	15	96	24	31	267	12	13	89	3	2	68	7
59	Broadway & Washington	20	167	41	29	279	18	35	138	10	3	100	7
60	Main & Washington	28	167	27	41	345	24	37	212	35	20	313	10
61	Los Angeles & Washington	41	48	39	29	301	4	11	25	2	2	227	16
62	San Pedro & Washington	43	422	52	32	254	48	28	364	59	54	259	87
63	Figueroa & Adams	72	500	82	237	547	115	70	709	130	135	225	94
64	Flower & Adams	27	109	0	0	877	0	0	0	0	134	254	0
65	I-110 NB Off General & Adams	0	0	0	0	346	0	166	0	320	0	244	0
66	Grand & Adams	28	88	29	18	299	29	21	36	14	28	405	39
67	Hill & Adams	13	72	15	21	315	11	15	75	18	11	395	40
68	Broadway & Adams	27	170	18	18	275	19	11	124	24	20	389	34
69	Main & Adams	29	203	13	24	279	37	38	258	28	27	348	35
70	Flower & Jefferson	17	168	23	0	392	48	0	0	0	175	294	0
71	Figueroa & Exposition	61	485	195	192	268	20	35	480	99	52	275	81
72	Flower & 37th Street	0	73	351	0	0	0	61	0	0	35	481	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	86	0	0	25	283	0	0	101	397
74	Hill & 37th Street	8	61	3	7	9	4	0	68	10	19	33	17
75	Broadway & 37th	2	215	1	1	0	0	1	148	3	12	15	4
76	Figueroa & 39th	14	368	46	124	15	65	47	373	20	20	44	168

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	60	39	26	0	111	89	77	0
78	Figueroa & MLK	136	302	203	83	867	146	98	248	71	81	1,162	156
79	I-110 SB Ramps & MLK	449	0	216	0	760	179	0	0	0	605	901	0
80	I-110 NB Ramps/Hill & MLK	68	2	20	23	594	103	83	26	266	408	542	34
81	Georgia & James Wood	0	0	0	0	0	0	30	184	0	10	403	161
82	Francisco & 9th	0	0	22	0	0	0	0	0	0	0	797	221
83	Figueroa & 9th	0	0	0	0	0	0	78	661	0	0	621	204
84	Flower & 9th	0	417	138	0	0	0	0	0	0	179	521	0
85	Broadway & 9th	0	230	35	0	0	0	15	286	0	40	299	62
86	Bixel & 8th	45	600	0	135	433	269	0	0	0	0	0	0
87	Francisco & 8th	0	0	0	0	856	19	0	0	275	0	0	0
88	Figueroa & 8th	0	0	0	139	705	0	0	729	160	0	0	0
89	Flower & 8th	133	485	0	0	714	71	0	0	0	0	0	0
90	Hill & 8th	62	191	0	49	487	35	0	127	19	0	0	0
91	Broadway & 8th	69	249	0	96	474	18	0	311	33	0	0	0
92	Bixel & Wilshire	24	171	7	10	383	62	46	52	25	101	412	13
93	Figueroa & Wilshire	0	0	0	109	155	0	49	720	51	0	284	247
94	Lucas & 6th	75	83	12	13	248	13	34	78	17	15	393	81
95	Bixel & 6th	29	77	26	27	229	33	16	31	26	82	343	22
96	Figueroa & 6th	0	0	0	0	0	0	70	1,007	0	0	778	161
97	Flower & 6th	0	283	99	0	0	0	0	0	0	374	465	0
98	Grand & 6th	0	296	43	0	0	0	0	0	0	40	396	0
99	Hill & 6th	0	225	45	0	0	0	53	194	0	22	361	18
100	Spring & 6th	0	508	154	0	0	0	0	0	0	155	380	0
101	Main & 6th	0	0	0	0	0	0	83	430	0	0	298	208
102	Figueroa & 5th	0	0	0	126	669	0	0	662	366	0	0	0
103	Grand & 5th	166	244	0	29	586	127	0	0	0	0	0	0
104	Olive & 5th	184	0	0	36	385	0	0	236	174	0	0	0
105	Hill & 5th	56	208	0	52	330	25	0	167	23	0	0	0
106	Spring & 5th	73	466	0	0	212	167	0	0	0	0	0	0
107	Main & 5th	0	0	0	79	232	0	0	511	145	0	0	0
108	Figueroa & 2nd	30	302	28	15	150	56	86	365	73	121	161	33
109	Beaudry & 1st	70	122	31	50	231	23	46	187	54	26	145	34
110	Hope & 1st	39	91	70	73	264	49	109	207	83	77	246	55
111	Grand & 1st	76	244	23	108	282	94	18	103	11	125	222	82
112	Olive & 1st	0	0	0	0	366	37	137	0	113	31	262	0
113	Hill & 1st	33	226	26	23	288	18	25	140	22	17	305	57
114	Spring & 1st	64	245	12	0	199	14	0	0	0	18	280	22
115	Main & 1st	0	0	0	19	232	0	54	275	37	0	317	34
116	Hope & Temple/US-101 Ramps	37	68	75	89	335	43	97	93	58	45	234	117

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	103	385	0	0	415	49
118	Los Angeles & Aliso	0	275	137	0	0	0	8	106	0	35	474	10
119	Grand & I-110 On-Ramp/US-101 Ramps	220	216	0	0	0	0	0	134	230	94	0	29
120	Beaudry & Sunset	17	109	22	22	844	112	71	81	120	274	1,155	56
121	Figueroa & Cesar Chavez	71	170	58	71	840	101	166	252	100	282	943	107
122	Grand & Cesar Chavez	10	56	10	14	454	153	43	40	84	145	370	14
123	Spring & Cesar Chavez	65	56	18	56	993	227	27	6	3	129	732	0
124	Main & Cesar Chavez	0	0	0	31	1,088	0	185	150	128	0	756	57
125	Alameda & Cesar Chavez	127	760	85	47	820	187	112	375	185	336	532	76
126	Main & Alpine	45	158	46	41	170	0	6	124	1	15	124	50
127	Alameda & Alpine	73	194	24	72	55	22	35	172	43	62	27	33
128	Hill & Alpine	37	403	74	125	100	40	18	287	18	9	111	30
129	Hill & College	43	460	146	83	111	43	80	385	15	28	106	75
130	Sunset & Elysian Park	0	516	55	568	0	959	58	835	0	0	0	0
131	Glendale & Bellevue	0	691	89	128	0	307	188	490	0	0	0	0
132	Glendale & Temple	156	471	77	94	291	18	10	425	55	47	219	194
133	Alvarado & US 101 NB Ramps	303	807	0	74	0	173	0	696	275	0	0	0
134	Alvarado & US 101 SB Ramps	0	824	147	0	0	0	249	686	0	181	4	228
135	Alvarado & Beverly	97	844	26	46	324	66	50	770	32	58	277	79
136	Vermont & 6th	89	955	69	79	418	84	55	1,054	75	84	393	86
137	Alvarado & 6th	99	787	28	45	375	80	132	709	43	59	357	58
138	Western & Wilshire	91	852	94	81	608	127	97	738	97	86	645	137
139	Normandie & Wilshire	67	391	33	48	961	66	90	373	36	43	755	40
140	Vermont & Wilshire	82	1,042	36	97	625	101	68	1,009	86	69	535	128
141	Alvarado & Wilshire	97	742	36	86	627	91	59	789	23	41	432	71
142	Vermont & 8th	94	1,011	51	59	389	32	49	1,053	79	86	290	34
143	Alvarado & 8th	102	651	40	51	348	27	81	735	20	43	212	118
144	Western & Olympic	112	890	194	225	672	104	91	1,096	112	70	692	91
145	Normandie & Olympic	91	528	69	46	961	86	73	463	90	71	912	54
146	Vermont & Olympic	142	910	84	88	796	93	76	946	96	54	683	160
147	Alvarado & Olympic	152	495	91	60	676	80	54	668	73	36	650	123
148	Union & Olympic	92	517	49	58	551	35	38	482	95	53	616	77
149	Western & Pico	80	838	43	47	380	64	66	826	86	82	415	86
150	Normandie & Pico	40	568	32	35	390	80	108	598	33	68	336	34
151	Vermont & Pico	85	904	69	97	495	75	85	947	106	73	432	71
152	Alvarado & Pico	125	442	78	104	572	76	73	637	10	43	468	124
153	Pico & Union	142	449	56	76	578	42	52	475	97	77	524	85
154	Hoover & Alvarado	0	623	0	13	0	544	487	732	0	0	0	0
155	Western & Venice	65	1,019	39	56	314	68	66	1,111	93	75	287	77
156	Normandie & Venice	50	627	36	27	327	34	36	688	85	102	315	65

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

157	Vermont & Venice	62	926	48	75	321	60	59	1,071	46	65	343	46
158	Hoover & Venice	115	969	62	112	261	103	41	944	76	91	212	117
159	Western & Washington	44	949	51	79	287	72	68	993	76	69	264	46
160	Normandie & Washington	41	684	46	44	236	91	101	747	103	89	228	45
161	Vermont & Washington	53	974	67	48	333	102	81	1,009	64	46	304	95
162	Hoover & Washington	154	884	119	82	275	72	87	831	77	42	298	119
163	I-10 WB Ramp & 20th	0	0	0	0	46	464	285	0	40	23	32	0
164	Vermont & I-10 EB Ramps	0	700	474	0	0	0	159	799	0	254	18	346
165	I-10 EB Ramp & Hoover	0	734	230	0	0	0	235	672	0	228	0	377
166	Hill & Venice	14	189	17	4	114	13	16	81	26	18	138	2
167	Broadway & Venice	17	258	3	13	93	10	11	187	12	38	118	11
168	Main & Venice	12	199	3	3	85	5	7	173	16	24	81	28
169	Los Angeles & Venice	6	259	7	9	99	23	3	84	3	28	64	6
170	San Pedro & Venice	97	404	0	116	124	215	0	148	52	71	0	18
171	Central & Venice	107	260	0	62	130	223	0	146	127	0	0	0
172	Central & Washington	30	360	27	39	226	48	25	396	33	71	232	75
173	Wilton Place (ext. of Arlington) & Wilshire	79	579	24	35	632	100	65	619	49	43	707	144
174	Arlington & Olympic	103	495	71	55	673	61	59	508	49	51	721	108
175	Arlington & Pico	72	480	65	59	382	37	42	497	77	55	449	65
176	Arlington & Venice	51	536	29	43	401	42	42	582	48	76	405	25
177	Arlington & Washington	43	624	25	36	282	82	83	584	48	77	316	61
178													
179													
180													
181													
182													
183													

Traffic Data Received on 10/18/11
Peak Hour Traffic Volumes
Future No Project, Cumulative Base (2038)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	49	2	18	160	741	59	67	51	96	34	662	173
2	Francisco & Olympic	28	7	59	54	924	35	17	6	10	7	738	15
3	Figueroa & Olympic	0	0	0	230	728	102	123	981	263	136	548	142
4	Flower & Olympic	260	749	78	0	800	40	0	0	0	105	577	0
5	Grand & Olympic	186	580	142	0	637	40	0	0	0	97	451	0
6	Olive & Olympic	0	0	0	68	610	0	17	443	66	0	431	154
7	Hill & Olympic	74	358	16	38	565	134	83	162	33	61	341	46
8	Broadway & Olympic	85	286	30	57	587	28	12	270	64	35	321	87
9	Main & Olympic	154	363	25	44	489	23	27	361	31	18	281	68
10	Los Angeles & Olympic	60	146	36	37	373	29	46	154	28	36	332	28
11	Santee & Olympic	92	41	14	24	302	11	72	52	39	53	345	23
12	Maple & Olympic	64	134	20	14	214	14	46	106	54	122	277	29
13	Maple & 9th	24	85	12	36	142	52	45	122	19	53	359	13
14	San Pedro & 9th	26	215	19	48	164	44	56	237	22	47	368	45
15	LA Live Way & Chick Hearn Ct	0	0	0	46	154	7	51	244	116	16	83	40
16	Figueroa & 11th	44	182	5	125	144	51	11	1,220	80	115	28	35
17	Flower & 11th	100	760	0	0	226	198	0	0	0	45	0	0
18	Grand & 11th	73	632	0	0	419	150	0	0	0	0	0	0
19	Olive & 11th	0	0	0	17	267	0	0	520	255	0	0	0
20	Figueroa & 12th	2	278	12	13	0	15	38	1,122	3	2	0	0
21	Flower & 12th	25	725	164	0	0	0	0	0	0	8	44	0
22	Grand & 12th	0	725	64	0	0	0	0	0	0	81	197	0
23	Olive & 12th	0	0	0	0	0	0	8	684	0	0	141	114
24	LA Live Way & Pico	5	0	16	63	328	0	114	292	642	0	378	56
25	LA Live Way & Bond	0	0	0	31	0	0	0	1,031	0	0	1	2
26	Figueroa & Pico	46	213	16	45	278	114	47	997	75	100	301	130
27	Flower & Pico	100	636	11	0	386	0	0	0	0	37	362	0
28	Grand & Pico	84	709	13	0	278	30	0	0	0	54	253	0
29	Olive & Pico	0	0	0	18	271	0	29	626	32	0	221	49
30	Hill & Pico	23	273	5	20	254	14	8	176	12	31	203	17
31	Broadway & Pico	39	309	3	18	198	20	11	237	18	22	159	36
32	Main & Pico	36	346	7	18	212	16	7	267	22	29	104	42
33	Blaine & Olympic	1	41	11	25	743	229	124	2	112	103	689	6
34	Blaine & SR 110 SB Off-Ramps	0	376	0	246	0	163	0	0	0	0	0	0
35	Blaine & 11th	68	380	99	0	129	169	0	0	0	110	48	0
36	Convention Center Drive & Venice	17	0	9	75	467	0	0	0	0	0	375	15

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

37	Figueroa & Venice	49	300	14	57	174	25	33	945	76	101	161	42
38	Flower & Venice	50	618	18	0	196	28	0	0	0	53	146	0
39	Grand & Venice	64	716	26	0	174	20	0	0	0	65	153	0
40	Olive & Venice	0	0	0	33	146	0	28	656	47	0	126	49
41	Grand & 17th	437	367	0	0	518	73	0	0	0	0	0	0
42	Olive & 17th	0	0	0	231	498	0	0	498	99	0	0	0
43	Hill & 17th	104	229	0	50	566	23	0	200	49	0	0	0
44	Broadway & 17th	60	334	0	23	536	22	0	254	28	0	0	0
45	Main & 17th	106	297	0	26	440	116	0	259	35	0	0	0
46	Los Angeles & 17th	91	286	0	90	475	39	0	30	11	0	0	0
47	Flower & 18th	0	484	3	0	0	0	0	0	0	8	46	0
48	Grand & 18th	0	269	175	0	0	0	93	0	0	68	470	0
49	Olive & 18th	0	0	0	0	0	0	22	227	0	0	369	374
50	Hill & 18th	0	215	42	0	0	0	18	211	0	21	343	32
51	Broadway & 18th	0	318	40	0	0	0	23	261	0	23	354	22
52	Main & 18th	0	353	63	0	0	0	209	265	0	35	301	30
53	Los Angeles & 18th	0	143	3	0	0	0	7	77	0	17	21	540
54	Figueroa & Washington	88	311	46	76	441	108	86	1,084	89	60	270	80
55	Flower & Washington	67	413	14	0	544	0	0	0	0	11	382	0
56	Grand & Washington	49	244	40	9	431	18	18	70	29	16	377	0
57	Olive & Washington	0	0	0	54	439	3	3	151	24	3	395	45
58	Hill & Washington	26	186	30	46	327	12	13	169	3	2	138	15
59	Broadway & Washington	20	248	65	33	354	23	44	229	10	3	174	10
60	Main & Washington	30	326	38	47	427	24	52	420	35	20	420	13
61	Los Angeles & Washington	41	49	39	29	376	4	11	25	2	2	298	19
62	San Pedro & Washington	44	427	53	32	318	49	33	368	73	63	324	88
63	Figueroa & Adams	73	627	83	263	562	167	77	1,193	142	142	237	95
64	Flower & Adams	48	445	0	12	949	0	0	0	0	136	272	0
65	I-110 NB Off General & Adams	5	0	12	0	394	0	229	0	341	0	268	0
66	Grand & Adams	28	211	29	18	347	29	21	36	14	28	492	39
67	Hill & Adams	13	152	15	21	363	11	15	192	18	11	467	55
68	Broadway & Adams	36	245	18	18	313	19	11	226	24	20	459	36
69	Main & Adams	31	358	13	24	315	37	38	463	28	27	400	52
70	Flower & Jefferson	71	434	28	0	505	49	0	0	0	234	465	0
71	Figueroa & Exposition	62	608	293	229	290	26	43	816	100	53	295	82
72	Flower & 37th Street	0	330	412	0	0	0	62	0	0	35	608	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	88	0	0	25	331	0	0	103	480
74	Hill & 37th Street	8	141	3	7	10	4	0	185	10	19	34	17
75	Broadway & 37th	2	303	1	1	0	0	1	254	4	13	15	4
76	Figueroa & 39th	14	467	75	142	15	66	48	694	20	20	45	170

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Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	61	39	26	0	129	118	78	0
78	Figueroa & MLK	139	361	243	108	878	156	101	543	74	84	1,177	159
79	I-110 SB Ramps & MLK	460	0	219	0	796	181	0	0	0	612	953	0
80	I-110 NB Ramps/Hill & MLK	69	81	20	23	628	104	84	142	269	413	590	34
81	Georgia & James Wood	0	0	0	0	0	0	35	315	0	10	775	184
82	Francisco & 9th	0	0	81	0	0	0	0	0	0	0	1,399	276
83	Figueroa & 9th	0	0	0	0	0	0	133	1,210	0	0	1,219	266
84	Flower & 9th	0	810	149	0	0	0	0	0	0	330	1,023	0
85	Broadway & 9th	0	305	38	0	0	0	15	406	0	96	504	115
86	Bixel & 8th	46	804	0	138	565	341	0	0	0	0	0	0
87	Francisco & 8th	19	9	0	5	1,213	105	0	0	314	0	0	0
88	Figueroa & 8th	0	0	0	155	967	0	0	1,155	347	0	0	0
89	Flower & 8th	143	839	0	0	982	121	0	0	0	0	0	0
90	Hill & 8th	128	363	0	59	761	83	0	218	23	0	0	0
91	Broadway & 8th	115	327	0	103	723	18	0	448	70	0	0	0
92	Bixel & Wilshire	37	208	7	39	514	68	47	68	25	114	498	52
93	Figueroa & Wilshire	0	0	0	110	248	0	50	1,100	107	0	354	347
94	Lucas & 6th	79	164	59	57	413	14	82	133	23	22	584	87
95	Bixel & 6th	47	96	32	32	479	45	34	42	30	88	607	33
96	Figueroa & 6th	0	0	0	0	0	0	109	1,449	0	0	1,213	248
97	Flower & 6th	0	538	102	0	0	0	0	0	0	572	741	0
98	Grand & 6th	0	501	56	0	0	0	0	0	0	71	646	0
99	Hill & 6th	0	444	66	0	0	0	54	307	0	62	581	18
100	Spring & 6th	0	887	179	0	0	0	0	0	0	174	591	0
101	Main & 6th	0	0	0	0	0	0	100	739	0	0	452	290
102	Figueroa & 5th	0	0	0	144	998	0	0	956	600	0	0	0
103	Grand & 5th	179	378	0	32	975	196	0	0	0	0	0	0
104	Olive & 5th	245	0	0	45	757	0	0	491	201	0	0	0
105	Hill & 5th	216	431	0	98	551	41	0	279	24	0	0	0
106	Spring & 5th	209	833	0	0	377	204	0	0	0	0	0	0
107	Main & 5th	0	0	0	93	395	0	0	862	184	0	0	0
108	Figueroa & 2nd	30	306	32	15	169	57	95	569	92	126	183	33
109	Beaudry & 1st	96	182	31	51	445	26	66	225	58	26	300	51
110	Hope & 1st	39	149	112	120	480	71	110	231	84	97	430	60
111	Grand & 1st	98	337	126	220	515	106	264	172	40	157	417	83
112	Olive & 1st	0	0	0	0	523	55	230	0	312	317	548	0
113	Hill & 1st	33	386	26	23	463	131	34	245	22	66	608	84
114	Spring & 1st	148	720	14	0	393	26	0	0	0	41	521	22
115	Main & 1st	0	0	0	21	416	0	70	629	60	0	431	164
116	Hope & Temple/US-101 Ramps	37	125	121	132	379	47	98	166	59	85	301	139

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Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	272	703	0	0	679	104
118	Los Angeles & Aliso	0	316	139	0	0	0	56	112	0	95	804	52
119	Grand & I-110 On-Ramp/US-101 Ramps	343	350	0	0	0	0	0	219	399	224	0	57
120	Beaudry & Sunset	24	179	70	22	945	151	96	109	121	277	1,262	57
121	Figueroa & Cesar Chavez	72	202	59	148	972	102	184	421	107	288	1,108	115
122	Grand & Cesar Chavez	10	194	10	14	564	239	55	110	114	176	516	14
123	Spring & Cesar Chavez	96	319	18	57	1,108	241	27	6	3	150	816	0
124	Main & Cesar Chavez	0	0	0	87	1,195	0	203	464	149	0	840	58
125	Alameda & Cesar Chavez	129	898	95	48	938	189	113	494	187	340	629	77
126	Main & Alpine	71	160	47	41	199	0	6	348	64	15	187	69
127	Alameda & Alpine	74	230	35	98	223	72	53	226	79	86	56	33
128	Hill & Alpine	37	544	154	224	101	40	18	410	18	9	112	30
129	Hill & College	44	681	205	159	112	44	81	607	15	28	107	76
130	Sunset & Elysian Park	0	615	56	575	0	971	59	942	0	0	0	0
131	Glendale & Bellevue	0	792	90	130	0	330	256	572	0	0	0	0
132	Glendale & Temple	180	610	78	118	323	18	10	547	60	70	267	198
133	Alvarado & US 101 NB Ramps	393	881	0	86	0	192	0	832	282	0	0	0
134	Alvarado & US 101 SB Ramps	0	927	169	0	0	0	255	764	0	189	4	319
135	Alvarado & Beverly	98	936	26	47	556	67	55	846	32	59	447	80
136	Vermont & 6th	95	1,163	70	80	588	92	62	1,291	84	90	571	92
137	Alvarado & 6th	118	857	28	46	535	92	150	798	44	60	522	61
138	Western & Wilshire	92	953	95	82	670	150	118	833	109	93	710	139
139	Normandie & Wilshire	68	415	43	56	1,032	74	99	400	37	44	825	40
140	Vermont & Wilshire	133	1,211	39	101	699	105	69	1,220	154	123	605	166
141	Alvarado & Wilshire	98	822	36	89	681	113	82	893	23	41	482	72
142	Vermont & 8th	108	1,186	60	69	507	32	50	1,256	89	92	404	46
143	Alvarado & 8th	104	754	40	54	488	27	82	861	20	44	369	119
144	Western & Olympic	113	1,013	202	239	829	116	98	1,216	113	71	839	92
145	Normandie & Olympic	106	559	73	51	1,123	94	79	491	117	121	1,094	78
146	Vermont & Olympic	151	1,072	93	106	952	95	78	1,125	113	77	849	175
147	Alvarado & Olympic	154	588	97	66	847	126	72	787	74	36	824	125
148	Union & Olympic	93	524	50	71	770	35	38	489	96	54	810	78
149	Western & Pico	92	960	44	48	462	65	67	943	87	83	499	93
150	Normandie & Pico	41	646	40	40	471	81	109	654	33	69	418	34
151	Vermont & Pico	87	1,087	71	98	581	76	86	1,142	107	74	522	73
152	Alvarado & Pico	135	570	79	106	651	78	92	769	10	44	557	128
153	Pico & Union	144	454	58	78	657	51	53	481	98	78	631	86
154	Hoover & Alvarado	0	650	0	13	0	675	636	809	0	0	0	0
155	Western & Venice	66	1,143	39	57	346	69	67	1,231	94	76	324	78
156	Normandie & Venice	51	706	36	27	359	34	36	745	86	103	353	66

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Peak Hour Traffic Volumes

157	Vermont & Venice	63	1,109	49	76	353	61	60	1,268	47	66	381	47
158	Hoover & Venice	116	1,124	63	113	292	117	46	1,165	77	92	249	118
159	Western & Washington	45	1,072	52	80	369	73	69	1,112	77	70	344	47
160	Normandie & Washington	41	763	47	45	318	92	102	805	104	90	308	46
161	Vermont & Washington	54	1,158	68	49	416	103	82	1,205	65	47	385	96
162	Hoover & Washington	156	1,039	132	99	357	73	88	1,041	78	43	379	120
163	I-10 WB Ramp & 20th	0	0	0	0	47	567	339	0	40	23	32	0
164	Vermont & I-10 EB Ramps	0	773	514	0	0	0	161	956	0	299	18	416
165	I-10 EB Ramp & Hoover	0	816	234	0	0	0	238	790	0	244	0	447
166	Hill & Venice	24	338	21	10	135	13	16	200	26	18	144	2
167	Broadway & Venice	21	352	3	13	106	10	11	280	23	41	124	11
168	Main & Venice	16	314	3	3	93	5	7	285	16	24	87	28
169	Los Angeles & Venice	6	285	7	9	107	23	3	113	3	28	65	6
170	San Pedro & Venice	98	409	0	117	132	218	0	150	53	72	0	18
171	Central & Venice	108	305	0	63	139	226	0	188	129	0	0	0
172	Central & Washington	33	481	39	58	286	49	25	486	33	72	295	83
173	Wilton Place (ext. of Arlington) & Wilshire	80	586	24	35	706	101	66	626	50	44	778	146
174	Arlington & Olympic	104	501	72	56	830	62	60	514	50	52	869	109
175	Arlington & Pico	73	486	66	60	475	37	43	503	78	56	539	66
176	Arlington & Venice	52	542	29	44	434	43	43	589	49	77	444	25
177	Arlington & Washington	44	632	25	36	364	83	84	591	49	78	397	62
178													
179													
180													
181													
182													
183													

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

Future With Project (2038)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	49	2	19	160	1,146	59	156	326	228	34	789	238
2	Francisco & Olympic	74	7	102	54	1,283	383	17	6	10	7	959	15
3	Figueroa & Olympic	0	0	0	293	1,402	55	123	1,076	295	294	606	189
4	Flower & Olympic	620	738	78	0	1,129	40	0	0	0	133	607	0
5	Grand & Olympic	220	612	142	0	771	66	0	0	0	97	485	0
6	Olive & Olympic	0	0	0	68	610	0	75	637	226	0	465	154
7	Hill & Olympic	74	358	16	38	565	134	101	200	33	100	389	52
8	Broadway & Olympic	85	286	30	57	587	28	12	270	64	47	374	87
9	Main & Olympic	154	368	25	44	489	23	27	410	31	20	327	75
10	Los Angeles & Olympic	60	146	36	37	373	29	46	155	28	36	378	28
11	Santee & Olympic	92	41	14	24	302	11	72	52	39	53	391	23
12	Maple & Olympic	64	134	20	14	214	14	46	106	54	122	321	31
13	Maple & 9th	24	85	12	36	142	52	47	122	19	53	431	13
14	San Pedro & 9th	26	215	19	48	164	49	93	237	22	47	440	45
15	LA Live Way & Chick Hearn Ct	0	0	0	46	381	0	0	947	829	0	0	68
16	Figueroa & 11th	0	338	5	125	0	55	11	1,348	0	0	0	0
17	Flower & 11th	89	1,088	0	0	77	198	0	0	0	17	0	0
18	Grand & 11th	73	794	0	0	270	265	0	0	0	0	0	0
19	Olive & 11th	0	0	0	173	120	0	0	711	368	0	0	0
20	Figueroa & 12th	2	323	12	13	0	15	38	1,113	3	2	0	0
21	Flower & 12th	25	979	210	0	0	0	0	0	0	8	44	0
22	Grand & 12th	0	1,421	90	0	0	0	0	0	0	213	203	0
23	Olive & 12th	0	0	0	0	0	0	11	852	0	0	173	114
24	LA Live Way & Pico	0	0	0	0	328	0	174	153	792	0	804	0
25	LA Live Way & Bond	0	0	0	47	0	0	0	950	0	0	1	257
26	Figueroa & Pico	46	258	16	48	201	125	182	935	76	267	787	180
27	Flower & Pico	96	895	11	0	322	0	0	0	0	402	643	0
28	Grand & Pico	84	1,722	19	0	228	82	0	0	0	163	422	0
29	Olive & Pico	0	0	0	85	263	0	56	704	42	0	375	70
30	Hill & Pico	23	1,453	50	20	251	14	12	181	12	167	329	50
31	Broadway & Pico	33	359	3	18	200	20	11	237	19	68	289	36
32	Main & Pico	36	357	7	18	214	16	7	275	22	29	193	81
33	Blaine & Olympic	1	41	11	25	1,049	461	211	2	112	103	766	6
34	Blaine & SR 110 SB Off-Ramps	0	608	0	333	0	164	0	0	0	0	0	0
35	Blaine & 11th	68	612	100	0	0	1,238	0	0	0	110	0	0
36	Convention Center Drive & Venice	82	0	361	239	711	0	0	0	0	0	436	28

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Peak Hour Traffic Volumes

37	Figueroa & Venice	160	769	28	102	452	54	33	955	97	317	186	65
38	Flower & Venice	101	1,243	18	0	496	303	0	0	0	53	185	0
39	Grand & Venice	110	1,745	123	0	412	296	0	0	0	174	208	0
40	Olive & Venice	0	0	0	33	267	0	837	724	440	0	270	57
41	Grand & 17th	820	1,400	0	0	797	136	0	0	0	0	0	0
42	Olive & 17th	0	0	0	347	789	0	0	507	150	0	0	0
43	Hill & 17th	328	1,900	0	50	660	16	0	200	49	0	0	0
44	Broadway & 17th	60	512	0	38	630	22	0	257	28	0	0	0
45	Main & 17th	106	299	0	26	548	116	0	259	35	0	0	0
46	Los Angeles & 17th	91	287	0	90	583	39	0	30	11	0	0	0
47	Flower & 18th	0	792	3	0	0	0	0	0	0	8	301	0
48	Grand & 18th	0	958	616	0	0	0	144	0	0	68	490	0
49	Olive & 18th	0	0	0	0	0	0	199	227	0	0	821	434
50	Hill & 18th	0	858	1,070	0	0	0	18	211	0	21	971	32
51	Broadway & 18th	0	360	175	0	0	0	23	264	0	23	2,011	22
52	Main & 18th	0	355	63	0	0	0	209	265	0	35	2,093	30
53	Los Angeles & 18th	0	144	3	0	0	0	7	77	0	17	21	2,332
54	Figueroa & Washington	312	392	83	82	1,060	163	86	1,105	99	60	270	84
55	Flower & Washington	132	649	21	0	1,160	134	0	0	0	23	407	0
56	Grand & Washington	370	541	120	9	849	18	18	121	40	16	409	0
57	Olive & Washington	0	0	0	54	657	3	99	328	209	3	508	45
58	Hill & Washington	237	414	234	46	333	12	13	169	3	2	348	15
59	Broadway & Washington	20	287	68	33	360	23	44	232	10	3	588	10
60	Main & Washington	30	326	40	47	433	24	52	420	35	20	837	13
61	Los Angeles & Washington	41	49	40	29	382	4	11	25	2	2	717	19
62	San Pedro & Washington	44	427	53	32	324	49	33	368	73	63	744	88
63	Figueroa & Adams	73	824	83	275	562	167	77	1,199	142	142	237	95
64	Flower & Adams	48	1,136	0	14	961	102	0	0	0	136	272	0
65	I-110 NB Off General & Adams	63	0	237	0	496	0	229	0	353	0	268	0
66	Grand & Adams	65	377	29	18	412	29	21	36	14	28	492	39
67	Hill & Adams	48	236	15	21	393	11	15	192	18	11	467	55
68	Broadway & Adams	66	253	18	18	313	19	11	230	24	20	459	36
69	Main & Adams	31	358	13	24	315	37	38	463	28	27	400	52
70	Flower & Jefferson	71	913	28	0	514	93	0	0	0	234	465	0
71	Figueroa & Exposition	62	780	352	230	290	40	43	822	100	53	295	82
72	Flower & 37th Street	0	434	816	0	0	0	62	0	0	35	642	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	88	0	0	25	332	0	0	103	480
74	Hill & 37th Street	8	225	3	7	10	4	0	185	10	19	34	17
75	Broadway & 37th	2	311	1	1	0	0	1	257	4	13	15	4
76	Figueroa & 39th	14	645	75	143	15	66	48	696	20	20	45	170

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	61	190	26	0	130	222	78	0
78	Figueroa & MLK	139	360	421	109	878	156	101	543	74	84	1,177	159
79	I-110 SB Ramps & MLK	460	0	219	0	797	228	0	0	0	790	953	0
80	I-110 NB Ramps/Hill & MLK	116	81	20	23	628	104	84	142	270	413	590	34
81	Georgia & James Wood	0	0	0	0	0	0	112	661	0	10	775	184
82	Francisco & 9th	0	0	535	0	0	0	0	0	0	0	1,685	286
83	Figueroa & 9th	0	0	0	0	0	0	160	1,407	0	0	1,537	702
84	Flower & 9th	0	1,011	202	0	0	0	0	0	0	478	1,219	0
85	Broadway & 9th	0	305	38	0	0	0	15	406	0	96	783	115
86	Bixel & 8th	46	804	0	232	817	1,038	0	0	0	0	0	0
87	Francisco & 8th	19	9	0	5	2,024	105	0	0	636	0	0	0
88	Figueroa & 8th	0	0	0	333	1,511	0	0	1,988	613	0	0	0
89	Flower & 8th	389	955	0	0	1,458	121	0	0	0	0	0	0
90	Hill & 8th	140	363	0	59	761	83	0	534	38	0	0	0
91	Broadway & 8th	115	327	0	103	723	18	0	448	70	0	0	0
92	Bixel & Wilshire	37	208	7	39	597	68	108	101	25	114	501	52
93	Figueroa & Wilshire	0	0	0	196	256	0	140	2,625	182	0	355	408
94	Lucas & 6th	79	162	62	57	438	14	82	197	23	22	584	87
95	Bixel & 6th	47	96	32	32	504	45	67	42	30	88	610	33
96	Figueroa & 6th	0	0	0	0	0	0	353	2,877	0	0	1,236	248
97	Flower & 6th	0	556	104	0	0	0	0	0	0	562	1,018	0
98	Grand & 6th	0	504	56	0	0	0	0	0	0	71	1,154	0
99	Hill & 6th	0	455	82	0	0	0	80	623	0	62	999	18
100	Spring & 6th	0	892	179	0	0	0	0	0	0	174	884	0
101	Main & 6th	0	0	0	0	0	0	100	1,001	0	0	469	566
102	Figueroa & 5th	0	0	0	479	1,811	0	0	1,813	1,171	0	0	0
103	Grand & 5th	179	379	0	32	1,346	198	0	0	0	0	0	0
104	Olive & 5th	245	0	0	45	869	0	0	845	462	0	0	0
105	Hill & 5th	227	432	0	264	551	41	0	627	125	0	0	0
106	Spring & 5th	209	843	0	0	377	204	0	0	0	0	0	0
107	Main & 5th	0	0	0	93	395	0	0	1,401	184	0	0	0
108	Figueroa & 2nd	30	306	32	15	236	57	95	1,192	554	126	183	33
109	Beaudry & 1st	96	182	31	51	452	26	66	225	58	26	300	51
110	Hope & 1st	39	148	112	120	487	71	171	231	84	97	553	529
111	Grand & 1st	98	338	126	655	522	106	264	172	40	157	417	267
112	Olive & 1st	0	0	0	0	592	55	281	0	685	317	548	0
113	Hill & 1st	33	386	26	23	463	131	34	722	91	66	624	119
114	Spring & 1st	148	725	14	0	393	26	0	0	0	41	537	22
115	Main & 1st	0	0	0	21	416	0	70	1,209	60	0	431	181
116	Hope & Temple/US-101 Ramps	37	124	121	132	379	47	98	635	59	85	301	139

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Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	717	852	0	0	679	104
118	Los Angeles & Aliso	0	316	139	0	0	0	56	112	0	95	1,249	52
119	Grand & I-110 On-Ramp/US-101 Ramps	343	350	0	0	0	0	0	223	1,017	225	0	57
120	Beaudry & Sunset	24	179	70	22	980	151	96	109	121	277	1,262	57
121	Figueroa & Cesar Chavez	72	202	59	148	976	102	184	421	138	288	1,108	115
122	Grand & Cesar Chavez	10	194	10	155	564	239	55	110	118	176	516	14
123	Spring & Cesar Chavez	96	325	18	57	1,108	241	27	6	3	150	816	0
124	Main & Cesar Chavez	0	0	0	87	1,195	0	203	613	149	0	840	58
125	Alameda & Cesar Chavez	129	898	95	48	938	189	113	494	187	340	629	77
126	Main & Alpine	71	160	47	41	199	0	6	431	64	15	187	69
127	Alameda & Alpine	74	230	35	98	223	72	53	293	79	86	56	33
128	Hill & Alpine	37	544	154	224	101	40	18	919	18	9	112	30
129	Hill & College	44	681	205	159	112	44	81	1,116	15	28	107	76
130	Sunset & Elysian Park	0	615	56	575	0	971	59	977	0	0	0	0
131	Glendale & Bellevue	0	794	90	130	0	330	593	835	0	0	0	0
132	Glendale & Temple	180	612	78	118	323	18	10	1,147	60	70	267	198
133	Alvarado & US 101 NB Ramps	393	881	0	86	0	192	0	850	371	0	0	0
134	Alvarado & US 101 SB Ramps	0	927	169	0	0	0	255	871	0	189	4	319
135	Alvarado & Beverly	98	936	26	47	556	67	55	953	32	59	447	80
136	Vermont & 6th	95	1,163	70	80	588	92	62	1,355	84	90	571	92
137	Alvarado & 6th	118	857	28	71	535	92	150	880	44	60	522	61
138	Western & Wilshire	92	953	95	88	727	153	118	891	109	93	713	139
139	Normandie & Wilshire	68	415	43	57	1,098	75	99	415	37	44	828	40
140	Vermont & Wilshire	133	1,211	39	107	767	108	69	1,278	154	123	608	166
141	Alvarado & Wilshire	98	822	36	89	742	133	82	975	41	41	485	72
142	Vermont & 8th	108	1,189	60	69	507	32	50	1,314	89	92	404	46
143	Alvarado & 8th	104	774	40	118	488	152	82	898	20	44	369	119
144	Western & Olympic	113	1,016	202	266	1,098	130	98	1,247	113	71	850	92
145	Normandie & Olympic	106	560	73	98	1,432	97	79	499	117	121	1,105	78
146	Vermont & Olympic	151	1,075	93	133	1,271	142	78	1,156	113	77	860	175
147	Alvarado & Olympic	300	588	97	74	1,039	222	137	816	74	36	836	125
148	Union & Olympic	93	524	50	71	1,065	45	38	489	96	54	888	78
149	Western & Pico	92	977	44	54	545	68	67	968	87	83	510	93
150	Normandie & Pico	41	650	40	41	562	82	109	660	33	69	429	34
151	Vermont & Pico	87	1,137	71	104	674	206	86	1,167	107	74	533	73
152	Alvarado & Pico	161	640	79	265	824	351	88	772	42	44	504	193
153	Pico & Union	144	510	58	137	1,263	51	53	481	98	78	575	86
154	Hoover & Alvarado	0	666	0	13	0	1,017	649	814	0	0	0	0
155	Western & Venice	66	1,162	39	69	517	75	67	1,244	94	76	331	78
156	Normandie & Venice	51	711	36	30	548	36	36	748	86	103	359	66

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Peak Hour Traffic Volumes

157	Vermont & Venice	63	1,288	49	88	546	67	60	1,281	47	66	387	47
158	Hoover & Venice	167	1,431	63	116	452	213	49	1,182	77	92	255	118
159	Western & Washington	45	1,097	52	93	542	80	69	1,112	77	70	348	47
160	Normandie & Washington	41	769	47	48	509	94	102	805	104	90	312	46
161	Vermont & Washington	54	1,343	68	62	612	110	82	1,205	65	47	389	96
162	Hoover & Washington	207	1,391	132	102	522	87	88	1,056	78	43	383	120
163	I-10 WB Ramp & 20th	0	0	0	0	47	907	341	0	40	23	32	0
164	Vermont & I-10 EB Ramps	0	805	514	0	0	0	161	956	0	299	18	416
165	I-10 EB Ramp & Hoover	0	842	234	0	0	0	238	790	0	244	0	460
166	Hill & Venice	105	1,674	195	10	175	13	16	200	26	577	536	2
167	Broadway & Venice	21	448	3	13	129	10	11	281	40	124	609	11
168	Main & Venice	25	316	3	3	107	5	7	285	16	24	564	36
169	Los Angeles & Venice	6	286	7	9	121	23	3	113	3	28	524	6
170	San Pedro & Venice	104	409	0	117	146	218	0	150	53	530	0	18
171	Central & Venice	109	427	0	63	143	226	0	194	129	0	0	0
172	Central & Washington	33	584	58	58	287	49	25	487	38	112	620	88
173	Wilton Place (ext. of Arlington) & Wilshire	80	586	24	35	763	101	66	626	50	44	781	146
174	Arlington & Olympic	104	501	72	56	1,099	62	60	514	50	52	880	109
175	Arlington & Pico	73	486	66	60	558	37	43	503	78	56	551	66
176	Arlington & Venice	52	542	29	44	605	43	43	589	49	77	450	25
177	Arlington & Washington	44	632	25	36	537	83	84	591	49	78	401	62
178													
179													
180													
181													
182													
183													

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

Existing Plus Project (2011)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	16	2	19	105	991	39	133	288	146	18	591	188
2	Francisco & Olympic	74	7	58	24	1,042	35	17	6	10	7	738	15
3	Figueroa & Olympic	0	0	0	202	1,170	27	72	582	185	248	409	169
4	Flower & Olympic	571	269	66	0	828	25	0	0	0	111	381	0
5	Grand & Olympic	131	280	23	0	598	60	0	0	0	61	291	0
6	Olive & Olympic	0	0	0	22	470	0	63	301	187	0	251	55
7	Hill & Olympic	46	155	12	25	434	14	29	110	6	53	233	29
8	Broadway & Olympic	59	191	19	54	395	28	12	210	16	21	227	29
9	Main & Olympic	90	197	16	26	361	19	25	240	28	20	202	41
10	Los Angeles & Olympic	59	127	36	37	252	29	45	129	25	30	249	28
11	Santee & Olympic	91	41	13	22	182	11	71	51	39	52	261	23
12	Maple & Olympic	63	132	20	14	97	14	45	103	50	119	193	31
13	Maple & 9th	24	84	12	36	140	51	46	119	19	52	278	13
14	San Pedro & 9th	26	212	19	45	162	48	92	231	22	44	290	43
15	LA Live Way & Chick Hearn Ct	0	0	0	33	357	0	0	924	827	0	0	68
16	Figueroa & 11th	0	265	5	80	0	54	11	738	0	0	0	0
17	Flower & 11th	78	593	0	0	41	27	0	0	0	16	0	0
18	Grand & 11th	51	442	0	0	40	139	0	0	0	0	0	0
19	Olive & 11th	0	0	0	110	22	0	0	385	153	0	0	0
20	Figueroa & 12th	2	246	3	13	0	15	16	690	3	2	0	0
21	Flower & 12th	25	504	89	0	0	0	0	0	0	8	14	0
22	Grand & 12th	0	971	65	0	0	0	0	0	0	177	35	0
23	Olive & 12th	0	0	0	0	0	0	11	383	0	0	73	21
24	LA Live Way & Pico	0	0	0	0	245	0	134	153	784	0	700	0
25	LA Live Way & Bond	0	0	0	118	0	0	0	898	0	0	1	257
26	Figueroa & Pico	24	236	12	43	143	87	124	563	72	250	705	111
27	Flower & Pico	54	457	2	0	217	12	0	0	0	397	492	0
28	Grand & Pico	37	1,294	9	0	234	72	0	0	0	153	327	0
29	Olive & Pico	0	0	0	81	198	0	44	273	36	0	304	36
30	Hill & Pico	14	1,309	46	9	196	11	10	63	7	152	269	42
31	Broadway & Pico	22	261	3	18	143	20	11	144	19	68	231	28
32	Main & Pico	24	236	7	17	170	16	7	163	22	29	156	62
33	Blaine & Olympic	1	41	11	25	843	393	150	2	94	99	584	6
34	Blaine & SR 110 SB Off-Ramps	0	535	0	254	0	109	0	0	0	0	0	0
35	Blaine & 11th	67	539	45	0	0	1,219	0	0	0	109	0	0
36	Convention Center Drive & Venice	81	0	358	225	665	0	0	0	0	0	379	28

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37	Figueroa & Venice	142	755	25	70	412	53	30	583	96	301	157	53
38	Flower & Venice	84	820	15	0	441	297	0	0	0	52	151	0
39	Grand & Venice	88	1,323	118	0	376	296	0	0	0	161	177	0
40	Olive & Venice	0	0	0	19	249	0	837	297	422	0	264	28
41	Grand & 17th	573	1,212	0	0	689	128	0	0	0	0	0	0
42	Olive & 17th	0	0	0	193	690	0	0	214	133	0	0	0
43	Hill & 17th	284	1,795	0	37	458	0	0	93	41	0	0	0
44	Broadway & 17th	52	422	0	29	408	14	0	161	28	0	0	0
45	Main & 17th	91	197	0	10	327	39	0	163	31	0	0	0
46	Los Angeles & 17th	86	265	0	66	275	39	0	25	11	0	0	0
47	Flower & 18th	0	448	3	0	0	0	0	0	0	8	272	0
48	Grand & 18th	0	819	559	0	0	0	143	0	0	50	251	0
49	Olive & 18th	0	0	0	0	0	0	199	101	0	0	706	251
50	Hill & 18th	0	750	1,057	0	0	0	18	108	0	21	868	20
51	Broadway & 18th	0	270	166	0	0	0	20	168	0	8	1,911	22
52	Main & 18th	0	190	48	0	0	0	79	178	0	28	2,001	18
53	Los Angeles & 18th	0	142	3	0	0	0	7	73	0	17	21	2,097
54	Figueroa & Washington	304	382	82	73	995	135	46	656	93	57	234	67
55	Flower & Washington	112	330	17	0	1,078	134	0	0	0	17	336	0
56	Grand & Washington	358	415	104	9	781	15	17	120	40	16	334	0
57	Olive & Washington	0	0	0	51	586	3	99	217	197	3	427	32
58	Hill & Washington	226	324	228	31	273	12	13	89	3	2	278	7
59	Broadway & Washington	20	206	44	29	285	18	35	141	10	3	514	7
60	Main & Washington	28	167	29	41	351	24	37	212	35	20	730	10
61	Los Angeles & Washington	41	48	40	29	307	4	11	25	2	2	646	16
62	San Pedro & Washington	43	422	52	32	260	48	28	364	59	54	679	87
63	Figueroa & Adams	72	696	82	249	547	115	70	715	130	135	225	94
64	Flower & Adams	27	800	0	2	889	102	0	0	0	134	254	0
65	I-110 NB Off General & Adams	57	0	222	0	448	0	166	0	332	0	244	0
66	Grand & Adams	65	254	29	18	364	29	21	36	14	28	405	39
67	Hill & Adams	48	156	15	21	345	11	15	75	18	11	395	40
68	Broadway & Adams	57	178	18	18	275	19	11	127	24	20	389	34
69	Main & Adams	29	203	13	24	279	37	38	258	28	27	348	35
70	Flower & Jefferson	17	647	23	0	401	92	0	0	0	175	294	0
71	Figueroa & Exposition	61	657	253	193	268	34	35	486	99	52	275	81
72	Flower & 37th Street	0	177	755	0	0	0	61	0	0	35	514	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	86	0	0	25	284	0	0	101	397
74	Hill & 37th Street	8	145	3	7	9	4	0	68	10	19	33	17
75	Broadway & 37th	2	223	1	1	0	0	1	151	3	12	15	4
76	Figueroa & 39th	14	546	46	125	15	65	47	375	20	20	44	168

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Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	60	190	26	0	112	193	77	0
78	Figueroa & MLK	136	301	381	84	867	146	98	248	71	81	1,162	156
79	I-110 SB Ramps & MLK	449	0	216	0	761	226	0	0	0	783	901	0
80	I-110 NB Ramps/Hill & MLK	115	2	20	23	594	103	83	26	267	408	542	34
81	Georgia & James Wood	0	0	0	0	0	0	107	529	0	10	403	161
82	Francisco & 9th	0	0	476	0	0	0	0	0	0	0	1,060	231
83	Figueroa & 9th	0	0	0	0	0	0	105	858	0	0	916	640
84	Flower & 9th	0	618	191	0	0	0	0	0	0	304	717	0
85	Broadway & 9th	0	230	35	0	0	0	15	286	0	40	578	62
86	Bixel & 8th	45	600	0	229	685	903	0	0	0	0	0	0
87	Francisco & 8th	0	0	0	0	1,604	19	0	0	597	0	0	0
88	Figueroa & 8th	0	0	0	317	1,186	0	0	1,562	426	0	0	0
89	Flower & 8th	379	601	0	0	1,127	71	0	0	0	0	0	0
90	Hill & 8th	74	191	0	49	487	35	0	443	34	0	0	0
91	Broadway & 8th	69	249	0	96	474	18	0	311	33	0	0	0
92	Bixel & Wilshire	24	171	7	10	466	62	107	85	25	101	415	13
93	Figueroa & Wilshire	0	0	0	195	163	0	139	2,245	126	0	285	308
94	Lucas & 6th	75	81	15	13	273	13	34	142	17	15	393	81
95	Bixel & 6th	29	77	26	27	254	33	49	31	26	82	346	22
96	Figueroa & 6th	0	0	0	0	0	0	314	2,435	0	0	801	161
97	Flower & 6th	0	301	101	0	0	0	0	0	0	364	742	0
98	Grand & 6th	0	299	43	0	0	0	0	0	0	40	904	0
99	Hill & 6th	0	236	61	0	0	0	79	510	0	22	779	18
100	Spring & 6th	0	513	154	0	0	0	0	0	0	155	673	0
101	Main & 6th	0	0	0	0	0	0	83	692	0	0	315	484
102	Figueroa & 5th	0	0	0	461	1,482	0	0	1,519	937	0	0	0
103	Grand & 5th	166	245	0	29	957	129	0	0	0	0	0	0
104	Olive & 5th	184	0	0	36	497	0	0	590	435	0	0	0
105	Hill & 5th	67	209	0	218	330	25	0	515	124	0	0	0
106	Spring & 5th	73	476	0	0	212	167	0	0	0	0	0	0
107	Main & 5th	0	0	0	79	232	0	0	1,050	145	0	0	0
108	Figueroa & 2nd	30	302	28	15	217	56	86	988	535	121	161	33
109	Beaudry & 1st	70	122	31	50	238	23	46	187	54	26	145	34
110	Hope & 1st	39	90	70	73	271	49	170	207	83	77	369	524
111	Grand & 1st	76	245	23	543	289	94	18	103	11	125	222	266
112	Olive & 1st	0	0	0	0	435	37	188	0	486	31	262	0
113	Hill & 1st	33	226	26	23	288	18	25	617	91	17	321	92
114	Spring & 1st	64	250	12	0	199	14	0	0	0	18	296	22
115	Main & 1st	0	0	0	19	232	0	54	854	37	0	317	50
116	Hope & Temple/US-101 Ramps	37	67	75	89	335	43	97	562	58	45	234	117

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Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	548	534	0	0	415	49
118	Los Angeles & Aliso	0	275	137	0	0	0	8	106	0	35	919	10
119	Grand & I-110 On-Ramp/US-101 Ramps	220	216	0	0	0	0	0	138	848	95	0	29
120	Beaudry & Sunset	17	109	22	22	879	112	71	81	120	274	1,155	56
121	Figueroa & Cesar Chavez	71	170	58	71	844	101	166	252	131	282	943	107
122	Grand & Cesar Chavez	10	56	10	153	454	153	43	40	88	145	370	14
123	Spring & Cesar Chavez	65	62	18	56	993	227	27	6	3	129	732	0
124	Main & Cesar Chavez	0	0	0	31	1,088	0	185	299	128	0	756	57
125	Alameda & Cesar Chavez	127	760	85	47	820	187	112	375	185	336	532	76
126	Main & Alpine	45	158	46	41	170	0	6	206	1	15	124	50
127	Alameda & Alpine	73	194	24	72	55	22	35	239	43	62	27	33
128	Hill & Alpine	37	403	74	125	100	40	18	796	18	9	111	30
129	Hill & College	43	460	146	83	111	43	80	894	15	28	106	75
130	Sunset & Elysian Park	0	516	55	568	0	959	58	870	0	0	0	0
131	Glendale & Bellevue	0	693	89	128	0	307	525	753	0	0	0	0
132	Glendale & Temple	156	473	77	94	291	18	10	1,025	55	47	219	194
133	Alvarado & US 101 NB Ramps	303	807	0	74	0	173	0	714	364	0	0	0
134	Alvarado & US 101 SB Ramps	0	824	147	0	0	0	249	793	0	181	4	228
135	Alvarado & Beverly	97	844	26	46	324	66	50	877	32	58	277	79
136	Vermont & 6th	89	955	69	79	418	84	55	1,118	75	84	393	86
137	Alvarado & 6th	99	787	28	70	375	80	132	791	43	59	357	58
138	Western & Wilshire	91	852	94	87	665	130	97	796	97	86	648	137
139	Normandie & Wilshire	67	391	33	49	1,027	67	90	388	36	43	758	40
140	Vermont & Wilshire	82	1,042	36	103	693	104	68	1,067	86	69	538	128
141	Alvarado & Wilshire	97	742	36	86	688	111	59	871	41	41	435	71
142	Vermont & 8th	94	1,014	51	59	389	32	49	1,111	79	86	290	34
143	Alvarado & 8th	102	671	40	115	348	152	81	772	20	43	212	118
144	Western & Olympic	112	893	194	252	940	118	91	1,127	112	70	703	91
145	Normandie & Olympic	91	529	69	93	1,270	89	73	471	90	71	923	54
146	Vermont & Olympic	142	913	84	115	1,115	140	76	977	96	54	694	160
147	Alvarado & Olympic	298	495	91	68	867	176	119	697	73	36	662	123
148	Union & Olympic	92	517	49	58	846	45	38	482	95	53	693	77
149	Western & Pico	80	855	43	53	463	67	66	851	86	82	426	86
150	Normandie & Pico	40	572	32	36	481	81	108	604	33	68	347	34
151	Vermont & Pico	85	954	69	103	588	205	85	972	106	73	443	71
152	Alvarado & Pico	151	512	78	263	745	349	69	640	42	43	415	189
153	Pico & Union	142	491	56	135	1,183	42	52	475	97	77	467	85
154	Hoover & Alvarado	0	639	0	13	0	886	500	737	0	0	0	0
155	Western & Venice	65	1,038	39	68	485	74	66	1,124	93	75	293	77
156	Normandie & Venice	50	632	36	30	516	36	36	691	85	102	321	65

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

157	Vermont & Venice	62	1,105	48	87	514	66	59	1,084	46	65	349	46
158	Hoover & Venice	166	1,276	62	115	421	199	43	960	76	91	218	117
159	Western & Washington	44	974	51	92	459	79	68	993	76	69	268	46
160	Normandie & Washington	41	690	46	47	427	93	101	747	103	89	232	45
161	Vermont & Washington	53	1,159	67	61	529	109	81	1,009	64	46	308	95
162	Hoover & Washington	205	1,236	119	85	440	86	87	846	77	42	302	119
163	I-10 WB Ramp & 20th	0	0	0	0	46	804	287	0	40	23	32	0
164	Vermont & I-10 EB Ramps	0	732	474	0	0	0	159	799	0	254	18	346
165	I-10 EB Ramp & Hoover	0	760	230	0	0	0	235	672	0	228	0	390
166	Hill & Venice	95	1,525	191	4	154	13	16	81	26	577	530	2
167	Broadway & Venice	17	354	3	13	116	10	11	188	29	120	603	11
168	Main & Venice	21	201	3	3	99	5	7	173	16	24	558	36
169	Los Angeles & Venice	6	260	7	9	113	23	3	84	3	28	523	6
170	San Pedro & Venice	103	404	0	116	138	215	0	148	52	529	0	18
171	Central & Venice	108	382	0	62	134	223	0	152	127	0	0	0
172	Central & Washington	30	463	46	39	227	48	25	397	38	111	557	80
173	Wilton Place (ext. of Arlington) & Wilshire	79	579	24	35	689	100	65	619	49	43	710	144
174	Arlington & Olympic	103	495	71	55	941	61	59	508	49	51	732	108
175	Arlington & Pico	72	480	65	59	465	37	42	497	77	55	460	65
176	Arlington & Venice	51	536	29	43	572	42	42	582	48	76	411	25
177	Arlington & Washington	43	624	25	36	454	82	83	584	48	77	320	61
178													
179													
180													
181													
182													
183													

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday with Dodgers & Coliseum - Pre-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

EXISTING CONDITIONS (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
Grand Avenue										
- North of 1st St.	70	10	45	35	675	6,750	0	0	67.1	66.1
- South of 1st St.	70	10	45	35	630	6,300	0	0	66.8	65.8
- North of 11th St.	70	10	45	35	346	3,460	0	0	64.2	63.2
- Between 11th and 12th St.	50	10	35	35	322	3,220	0	0	65.1	64.1
- Between 12th St. and Venice Ave.	50	10	35	35	318	3,180	0	0	65.0	64.0
- Between Venice Ave. and 17th St.	50	10	35	35	341	3,410	0	0	65.3	64.4
- Between 17th St. and Washington Ave.	50	10	35	35	266	2,660	0	0	64.2	63.3
- South of Washington Ave.	50	10	35	35	233	2,330	0	0	63.7	62.7
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	765	7,650	0	0	67.6	66.7
- Between 5th St. and Wilshire Blvd.	70	10	45	35	962	9,620	0	0	68.6	67.7
- Between Wilshire Blvd. and 9th St.	70	10	45	35	780	7,800	0	0	67.7	66.7
- Between 9th St. and Olympic Blvd.	70	10	45	35	734	7,340	0	0	67.5	66.5
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	869	8,690	0	0	68.2	67.2
- South of Pico Blvd.	70	10	45	35	969	9,690	0	0	68.7	67.7
Flower Street										
- North of 6th St.	70	10	45	35	434	4,340	0	0	65.2	64.2
- Between 6th St. and 8th St.	60	10	40	35	554	5,540	0	0	66.8	65.9
- Between 8th and Pico Blvd.	60	10	40	35	380	3,800	0	0	65.2	64.2
- South of Pico Blvd.	40	10	30	35	278	2,780	0	0	65.2	64.3
- South of 18th St.	40	10	30	35	122	1,220	0	0	61.7	60.7
Hope Street										
- North of 1st St.	60	10	40	35	450	4,500	0	0	65.9	65.0
- South of 1st St.	70	10	45	35	376	3,760	0	0	64.6	63.6
1st Street										

EXISTING CONDITIONS (2011)

EXISTING CONDITIONS (2011)										
Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- Between Hope St. and Grand Ave.	80	10	50	35	785	7,850	0	0	67.3	66.4
2nd Street										
- West of Figueroa St.	80	10	50	35	533	5,330	0	0	65.7	64.7
- East of Figueroa St.	70	10	45	35	429	4,290	0	0	65.1	64.1
6th Street										
- West of Lucas Ave.	40	10	30	35	812	8,120	0	0	69.9	68.9
- Between Lucas Ave. & Bixel St.	40	10	30	35	676	6,760	0	0	69.1	68.1
- East of Bixel St.	40	10	30	35	637	6,370	0	0	68.8	67.9
- East of Flower St.	40	10	30	35	880	8,800	0	0	70.2	69.3
- West of Main St.	40	10	30	35	702	7,020	0	0	69.3	68.3
- East of Main St.	40	10	30	35	612	6,120	0	0	68.7	67.7
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	1,641	16,410	0	0	70.6	69.6
- Between Alvarado St. & Union Ave.	80	10	50	35	1,606	16,060	0	0	70.5	69.5
- Between Union Ave. & Blaine St.	80	10	50	35	1,428	14,280	0	0	69.9	69.0
- Beween Blanine St. & Georgia St.	80	10	50	35	1,520	15,200	0	0	70.2	69.2
- Between George St. & Francisco St.	80	10	50	35	1,621	16,210	0	0	70.5	69.5
- Between Francisco St. & Figueroa St.	80	10	50	35	1,513	15,130	0	0	70.2	69.2
- Between Figueroa St. & Flower St.	70	10	45	35	1,400	14,000	0	0	70.3	69.3
- East of Flower St.	70	10	45	35	1,132	11,320	0	0	69.3	68.4
W. 11th Street										
- West of Blaine St.	40	10	30	35	377	3,770	0	0	66.6	65.6
- Between Blaine St. & LA Live Wy.	40	10	30	35	520	5,200	0	0	68.0	67.0
- East of LA Live Wy.	60	10	40	35	346	3,460	0	0	64.8	63.8
- West of Grand Ave.	40	10	30	35	203	2,030	0	0	63.9	62.9
- East of Grand Ave.	40	10	30	35	178	1,780	0	0	63.3	62.3
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,456	14,560	0	0	71.0	70.1
- Between Alvarado St.& Union Ave.	60	10	40	35	1,588	15,880	0	0	71.4	70.4
- Between Union Ave. & Figueroa St.	60	10	40	35	1,214	12,140	0	0	70.2	69.3
- Between Figueroa & Flower St.	70	10	45	35	759	7,590	0	0	67.6	66.6
- East of Hill St.	50	10	35	35	491	4,910	0	0	66.9	65.9
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	628	6,280	0	0	68.6	67.6
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	612	6,120	0	0	68.5	67.5
Venice Boulevard										
- East of Olive St.	40	10	30	35	353	3,530	0	0	66.3	65.3
W. 12th Street										

EXISTING CONDITIONS (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- West of Grand Ave.	40	10	30	35	79	790	0	0	59.8	58.8
E. 17th Street										
- West of Grand Ave.	40	10	30	35	640	6,400	0	0	68.9	67.9
W. 18th Street										
- West of Flower St.	40	10	30	35	37	370	0	0	56.5	55.5
- West of Grand Ave.	40	10	30	35	37	370	0	0	56.5	55.5
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,121	11,210	0	0	68.9	67.9
- Between Flower St. & Grand Ave.	80	10	50	35	934	9,340	0	0	68.1	67.1
- Between Grand Ave. & Los Angeles St.	80	10	50	35	798	7,980	0	0	67.4	66.4
- East of Los Angeles St.	80	10	50	35	731	7,310	0	0	67.0	66.1
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	257	2,570	0	0	62.9	61.9
- East of I-110 Fwy.	50	10	35	35	153	1,530	0	0	61.8	60.9
Alvarado Street										
- North of 8th St.	60	10	40	35	1,373	13,730	0	0	70.8	69.8
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,384	13,840	0	0	70.8	69.8
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,345	13,450	0	0	70.7	69.7
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,192	11,920	0	0	70.2	69.2
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,108	11,080	0	0	71.0	70.1
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,077	10,770	0	0	70.9	69.9
- South of Pico Blvd.	40	10	30	30	1,074	10,740	0	0	70.9	69.9
Lucas Ave.										
- North of 6th St.	40	10	30	30	344	3,440	0	0	66.0	65.0
- South of 6th St.	40	10	30	30	224	2,240	0	0	64.1	63.1
Bixel Street										
- North of 8th St.	40	10	30	30	207	2,070	0	0	63.8	62.8
- Between 8th St. & Wilshire Blvd.	40	10	30	30	276	2,760	0	0	65.0	64.0
- Between Wilshire Blvd. & 6th St.	40	10	30	30	556	5,560	0	0	68.1	67.1
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,272	12,720	0	0	71.0	70.1
- Between Flower St. & Grand Ave.	50	10	35	35	1,010	10,100	0	0	70.0	69.1
- Between Grand Ave. and Main St.	50	10	35	35	862	8,620	0	0	69.4	68.4
- East of Main St.	50	10	35	35	825	8,250	0	0	69.2	68.2
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	965	9,650	0	0	69.8	68.9
- Between Bixel St. & Figueroa St.	50	10	35	35	840	8,400	0	0	69.2	68.3

EXISTING CONDITIONS (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	619	6,190	0	0	67.9	66.9

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday with Dodgers & Coliseum - Pre-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
Grand Avenue										
- North of 1st St.	70	10	45	35	1,057	10,570	0	0	69.0	68.1
- South of 1st St.	70	10	45	35	1,108	11,080	0	0	69.2	68.3
- North of 11th St.	70	10	45	35	688	6,880	0	0	67.2	66.2
- Between 11th and 12th St.	50	10	35	35	779	7,790	0	0	68.9	67.9
- Between 12th St. and Venice Ave.	50	10	35	35	744	7,440	0	0	68.7	67.7
- Between Venice Ave. and 17th St.	50	10	35	35	751	7,510	0	0	68.8	67.8
- Between 17th St. and Washington Ave.	50	10	35	35	432	4,320	0	0	66.4	65.4
- South of Washington Ave.	50	10	35	35	358	3,580	0	0	65.5	64.6
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	1,034	10,340	0	0	68.9	68.0
- Between 5th St. and Wilshire Blvd.	70	10	45	35	1,465	14,650	0	0	70.5	69.5
- Between Wilshire Blvd. and 9th St.	70	10	45	35	1,286	12,860	0	0	69.9	68.9
- Between 9th St. and Olympic Blvd.	70	10	45	35	1,314	13,140	0	0	70.0	69.0
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	1,492	14,920	0	0	70.5	69.6
- South of Pico Blvd.	70	10	45	35	1,476	14,760	0	0	70.5	69.5
Flower Street										
- North of 6th St.	70	10	45	35	700	7,000	0	0	67.3	66.3
- Between 6th St. and 8th St.	60	10	40	35	958	9,580	0	0	69.2	68.2
- Between 8th and Pico Blvd.	60	10	40	35	852	8,520	0	0	68.7	67.7
- South of Pico Blvd.	40	10	30	35	768	7,680	0	0	69.7	68.7
- South of 18th St.	40	10	30	35	511	5,110	0	0	67.9	66.9
Hope Street										
- North of 1st St.	60	10	40	35	611	6,110	0	0	67.3	66.3
- South of 1st St.	70	10	45	35	484	4,840	0	0	65.6	64.7
1st Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- Between Hope St. and Grand Ave.	80	10	50	35	1,262	12,620	0	0	69.4	68.4
2nd Street										
- West of Figueroa St.	80	10	50	35	603	6,030	0	0	66.2	65.2
- East of Figueroa St.	70	10	45	35	476	4,760	0	0	65.6	64.6
6th Street										
- West of Lucas Ave.	40	10	30	35	1,205	12,050	0	0	71.6	70.6
- Between Lucas Ave. & Bixel St.	40	10	30	35	1,209	12,090	0	0	71.6	70.6
- East of Bixel St.	40	10	30	35	1,208	12,080	0	0	71.6	70.6
- East of Flower St.	40	10	30	35	1,194	11,940	0	0	71.6	70.6
- West of Main St.	40	10	30	35	990	9,900	0	0	70.8	69.8
- East of Main St.	40	10	30	35	841	8,410	0	0	70.0	69.1
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	1,980	19,800	0	0	71.4	70.4
- Between Alvarado St. & Union Ave.	80	10	50	35	2,000	20,000	0	0	71.4	70.4
- Between Union Ave. & Blaine St.	80	10	50	35	1,823	18,230	0	0	71.0	70.0
- Between Blaine St. & Georgia St.	80	10	50	35	1,998	19,980	0	0	71.4	70.4
- Between George St. & Francisco St.	80	10	50	35	2,073	20,730	0	0	71.6	70.6
- Between Francisco St. & Figueroa St.	80	10	50	35	2,039	20,390	0	0	71.5	70.5
- Between Figueroa St. & Flower St.	70	10	45	35	1,883	18,830	0	0	71.5	70.6
- East of Flower St.	70	10	45	35	1,599	15,990	0	0	70.8	69.9
W. 11th Street										
- West of Blaine St.	40	10	30	35	394	3,940	0	0	66.8	65.8
- Between Blaine St. & LA Live Wy.	40	10	30	35	661	6,610	0	0	69.0	68.0
- East of LA Live Wy.	60	10	40	35	531	5,310	0	0	66.7	65.7
- West of Grand Ave.	40	10	30	35	513	5,130	0	0	67.9	66.9
- East of Grand Ave.	40	10	30	35	633	6,330	0	0	68.8	67.8
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,641	16,410	0	0	71.6	70.6
- Between Alvarado St. & Union Ave.	60	10	40	35	1,781	17,810	0	0	71.9	70.9
- Between Union Ave. & Figueroa St.	60	10	40	35	1,437	14,370	0	0	71.0	70.0
- Between Figueroa & Flower St.	70	10	45	35	984	9,840	0	0	68.7	67.8
- East of Hill St.	50	10	35	35	645	6,450	0	0	68.1	67.1
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	772	7,720	0	0	69.5	68.5
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	701	7,010	0	0	69.1	68.1
Venice Boulevard										
- East of Olive St.	40	10	30	35	380	3,800	0	0	66.6	65.6
W. 12th Street										

FUTURE WITHOUT PROJECT (2038)

FUTURE WITHOUT PROJECT (2038)										
Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- West of Grand Ave.	40	10	30	35	274	2,740	0	0	65.2	64.2
E. 17th Street										
- West of Grand Ave.	40	10	30	35	1,000	10,000	0	0	70.8	69.8
W. 18th Street										
- West of Flower St.	40	10	30	35	78	780	0	0	59.7	58.7
- West of Grand Ave.	40	10	30	35	78	780	0	0	59.7	58.7
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,276	12,760	0	0	69.5	68.5
- Between Flower St. & Grand Ave.	80	10	50	35	1,093	10,930	0	0	68.8	67.8
- Between Grand Ave. & Los Angeles St.	80	10	50	35	955	9,550	0	0	68.2	67.2
- East of Los Angeles St.	80	10	50	35	877	8,770	0	0	67.8	66.9
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	305	3,050	0	0	63.6	62.7
- East of I-110 Fwy.	50	10	35	35	155	1,550	0	0	61.9	60.9
Alvarado Street										
- North of 8th St.	60	10	40	35	1,603	16,030	0	0	71.4	70.5
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,609	16,090	0	0	71.5	70.5
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,604	16,040	0	0	71.5	70.5
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,372	13,720	0	0	70.8	69.8
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,134	11,340	0	0	71.1	70.2
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,093	10,930	0	0	71.0	70.0
- South of Pico Blvd.	40	10	30	30	1,095	10,950	0	0	71.0	70.0
Lucas Ave.										
- North of 6th St.	40	10	30	30	577	5,770	0	0	68.2	67.2
- South of 6th St.	40	10	30	30	396	3,960	0	0	66.6	65.6
Bixel Street										
- North of 8th St.	40	10	30	30	270	2,700	0	0	64.9	63.9
- Between 8th St. & Wilshire Blvd.	40	10	30	30	377	3,770	0	0	66.4	65.4
- Between Wilshire Blvd. & 6th St.	40	10	30	30	709	7,090	0	0	69.1	68.1
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,417	14,170	0	0	71.5	70.5
- Between Flower St. & Grand Ave.	50	10	35	35	1,140	11,400	0	0	70.6	69.6
- Between Grand Ave. and Main St.	50	10	35	35	985	9,850	0	0	69.9	69.0
- East of Main St.	50	10	35	35	913	9,130	0	0	69.6	68.6
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	1,219	12,190	0	0	70.9	69.9
- Between Bixel St. & Figueroa St.	50	10	35	35	1,079	10,790	0	0	70.3	69.4

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	754	7,540	0	0	68.8	67.8

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday with Dodgers & Coliseum - Pre-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
Grand Avenue										
- North of 1st St.	70	10	45	35	1,420	14,200	0	0	70.3	69.3
- South of 1st St.	70	10	45	35	1,505	15,050	0	0	70.6	69.6
- North of 11th St.	70	10	45	35	744	7,440	0	0	67.5	66.5
- Between 11th and 12th St.	50	10	35	35	969	9,690	0	0	69.9	68.9
- Between 12th St. and Venice Ave.	50	10	35	35	762	7,620	0	0	68.8	67.8
- Between Venice Ave. and 17th St.	50	10	35	35	759	7,590	0	0	68.8	67.8
- Between 17th St. and Washington Ave.	50	10	35	35	454	4,540	0	0	66.6	65.6
- South of Washington Ave.	50	10	35	35	426	4,260	0	0	66.3	65.3
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	1,153	11,530	0	0	69.4	68.4
- Between 5th St. and Wilshire Blvd.	70	10	45	35	1,528	15,280	0	0	70.6	69.7
- Between Wilshire Blvd. and 9th St.	70	10	45	35	1,763	17,630	0	0	71.3	70.3
- Between 9th St. and Olympic Blvd.	70	10	45	35	1,574	15,740	0	0	70.8	69.8
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	1,861	18,610	0	0	71.5	70.5
- South of Pico Blvd.	70	10	45	35	1,928	19,280	0	0	71.7	70.7
Flower Street										
- North of 6th St.	70	10	45	35	1,174	11,740	0	0	69.5	68.5
- Between 6th St. and 8th St.	60	10	40	35	1,806	18,060	0	0	72.0	71.0
- Between 8th and Pico Blvd.	60	10	40	35	1,020	10,200	0	0	69.5	68.5
- South of Pico Blvd.	40	10	30	35	727	7,270	0	0	69.4	68.4
- South of 18th St.	40	10	30	35	511	5,110	0	0	67.9	66.9
Hope Street										
- North of 1st St.	60	10	40	35	976	9,760	0	0	69.3	68.3
- South of 1st St.	70	10	45	35	829	8,290	0	0	68.0	67.0
1st Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- Between Hope St. and Grand Ave.	80	10	50	35	1,311	13,110	0	0	69.6	68.6
2nd Street										
- West of Figueroa St.	80	10	50	35	621	6,210	0	0	66.3	65.4
- East of Figueroa St.	70	10	45	35	494	4,940	0	0	65.7	64.8
6th Street										
- West of Lucas Ave.	40	10	30	35	1,217	12,170	0	0	71.7	70.7
- Between Lucas Ave. & Bixel St.	40	10	30	35	1,373	13,730	0	0	72.2	71.2
- East of Bixel St.	40	10	30	35	1,372	13,720	0	0	72.2	71.2
- East of Flower St.	40	10	30	35	1,708	17,080	0	0	73.1	72.1
- West of Main St.	40	10	30	35	990	9,900	0	0	70.8	69.8
- East of Main St.	40	10	30	35	841	8,410	0	0	70.0	69.1
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	2,233	22,330	0	0	71.9	70.9
- Between Alvarado St. & Union Ave.	80	10	50	35	2,429	24,290	0	0	72.3	71.3
- Between Union Ave. & Blaine St.	80	10	50	35	2,359	23,590	0	0	72.1	71.2
- Between Blaine St. & Georgia St.	80	10	50	35	2,752	27,520	0	0	72.8	71.8
- Between George St. & Francisco St.	80	10	50	35	2,781	27,810	0	0	72.8	71.9
- Between Francisco St. & Figueroa St.	80	10	50	35	3,082	30,820	0	0	73.3	72.3
- Between Figueroa St. & Flower St.	70	10	45	35	2,548	25,480	0	0	72.9	71.9
- East of Flower St.	70	10	45	35	2,193	21,930	0	0	72.2	71.2
W. 11th Street										
- West of Blaine St.	40	10	30	35	417	4,170	0	0	67.0	66.0
- Between Blaine St. & LA Live Wy.	40	10	30	35	579	5,790	0	0	68.4	67.5
- East of LA Live Wy.	60	10	40	35	236	2,360	0	0	63.1	62.2
- West of Grand Ave.	40	10	30	35	472	4,720	0	0	67.5	66.6
- East of Grand Ave.	40	10	30	35	874	8,740	0	0	70.2	69.2
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,774	17,740	0	0	71.9	70.9
- Between Alvarado St. & Union Ave.	60	10	40	35	2,074	20,740	0	0	72.6	71.6
- Between Union Ave. & Figueroa St.	60	10	40	35	1,817	18,170	0	0	72.0	71.0
- Between Figueroa & Flower St.	70	10	45	35	1,467	14,670	0	0	70.5	69.5
- East of Hill St.	50	10	35	35	786	7,860	0	0	69.0	68.0
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	992	9,920	0	0	70.6	69.6
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	1,369	13,690	0	0	72.0	71.0
Venice Boulevard										
- East of Olive St.	40	10	30	35	708	7,080	0	0	69.3	68.3
W. 12th Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- West of Grand Ave.	40	10	30	35	274	2,740	0	0	65.2	64.2
E. 17th Street										
- West of Grand Ave.	40	10	30	35	1,123	11,230	0	0	71.3	70.3
W. 18th Street										
- West of Flower St.	40	10	30	35	121	1,210	0	0	61.6	60.7
- West of Grand Ave.	40	10	30	35	121	1,210	0	0	61.6	60.7
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,398	13,980	0	0	69.9	68.9
- Between Flower St. & Grand Ave.	80	10	50	35	1,215	12,150	0	0	69.2	68.3
- Between Grand Ave. & Los Angeles St.	80	10	50	35	1,070	10,700	0	0	68.7	67.7
- East of Los Angeles St.	80	10	50	35	958	9,580	0	0	68.2	67.2
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	332	3,320	0	0	64.0	63.0
- East of I-110 Fwy.	50	10	35	35	295	2,950	0	0	64.7	63.7
Alvarado Street										
- North of 8th St.	60	10	40	35	1,661	16,610	0	0	71.6	70.6
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,624	16,240	0	0	71.5	70.5
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,879	18,790	0	0	72.1	71.2
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,541	15,410	0	0	71.3	70.3
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,182	11,820	0	0	71.3	70.4
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,195	11,950	0	0	71.4	70.4
- South of Pico Blvd.	40	10	30	30	1,143	11,430	0	0	71.2	70.2
Lucas Ave.										
- North of 6th St.	40	10	30	30	888	8,880	0	0	70.1	69.1
- South of 6th St.	40	10	30	30	556	5,560	0	0	68.1	67.1
Bixel Street										
- North of 8th St.	40	10	30	30	270	2,700	0	0	64.9	63.9
- Between 8th St. & Wilshire Blvd.	40	10	30	30	377	3,770	0	0	66.4	65.4
- Between Wilshire Blvd. & 6th St.	40	10	30	30	709	7,090	0	0	69.1	68.1
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,451	14,510	0	0	71.6	70.6
- Between Flower St. & Grand Ave.	50	10	35	35	1,510	15,100	0	0	71.8	70.8
- Between Grand Ave. and Main St.	50	10	35	35	1,266	12,660	0	0	71.0	70.0
- East of Main St.	50	10	35	35	913	9,130	0	0	69.6	68.6
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	1,415	14,150	0	0	71.5	70.5
- Between Bixel St. & Figueroa St.	50	10	35	35	1,275	12,750	0	0	71.1	70.1

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	1,066	10,660	0	0	70.3	69.3

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday with Dodgers & Coliseum - Pre-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
Grand Avenue										
- North of 1st St.	70	10	45	35	1,038	10,380	0	0	69.0	68.0
- South of 1st St.	70	10	45	35	1,027	10,270	0	0	68.9	67.9
- North of 11th St.	70	10	45	35	402	4,020	0	0	64.8	63.9
- Between 11th and 12th St.	50	10	35	35	512	5,120	0	0	67.1	66.1
- Between 12th St. and Venice Ave.	50	10	35	35	336	3,360	0	0	65.3	64.3
- Between Venice Ave. and 17th St.	50	10	35	35	349	3,490	0	0	65.4	64.5
- Between 17th St. and Washington Ave.	50	10	35	35	287	2,870	0	0	64.6	63.6
- South of Washington Ave.	50	10	35	35	301	3,010	0	0	64.8	63.8
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	884	8,840	0	0	68.3	67.3
- Between 5th St. and Wilshire Blvd.	70	10	45	35	1,025	10,250	0	0	68.9	67.9
- Between Wilshire Blvd. and 9th St.	70	10	45	35	1,251	12,510	0	0	69.8	68.8
- Between 9th St. and Olympic Blvd.	70	10	45	35	1,002	10,020	0	0	68.8	67.8
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	1,213	12,130	0	0	69.6	68.7
- South of Pico Blvd.	70	10	45	35	1,421	14,210	0	0	70.3	69.4
Flower Street										
- North of 6th St.	70	10	45	35	908	9,080	0	0	68.4	67.4
- Between 6th St. and 8th St.	60	10	40	35	1,402	14,020	0	0	70.9	69.9
- Between 8th and Pico Blvd.	60	10	40	35	558	5,580	0	0	66.9	65.9
- South of Pico Blvd.	40	10	30	35	255	2,550	0	0	64.9	63.9
- South of 18th St.	40	10	30	35	122	1,220	0	0	61.7	60.7
Hope Street										
- North of 1st St.	60	10	40	35	815	8,150	0	0	68.5	67.5
- South of 1st St.	70	10	45	35	721	7,210	0	0	67.4	66.4
1st Street										

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
	PHV	ADT								
- Between Hope St. and Grand Ave.	80	10	50	35	834	8,340	0	0	67.6	66.6
2nd Street										
- West of Figueroa St.	80	10	50	35	551	5,510	0	0	65.8	64.8
- East of Figueroa St.	70	10	45	35	447	4,470	0	0	65.3	64.3
6th Street										
- West of Lucas Ave.	40	10	30	35	824	8,240	0	0	70.0	69.0
- Between Lucas Ave. & Bixel St.	40	10	30	35	839	8,390	0	0	70.0	69.1
- East of Bixel St.	40	10	30	35	801	8,010	0	0	69.8	68.9
- East of Flower St.	40	10	30	35	1,394	13,940	0	0	72.2	71.3
- West of Main St.	40	10	30	35	702	7,020	0	0	69.3	68.3
- East of Main St.	40	10	30	35	612	6,120	0	0	68.7	67.7
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	1,894	18,940	0	0	71.2	70.2
- Between Alvarado St. & Union Ave.	80	10	50	35	2,034	20,340	0	0	71.5	70.5
- Between Union Ave. & Blaine St.	80	10	50	35	1,918	19,180	0	0	71.2	70.3
- Between Blaine St. & Georgia St.	80	10	50	35	2,228	22,280	0	0	71.9	70.9
- Between George St. & Francisco St.	80	10	50	35	2,226	22,260	0	0	71.9	70.9
- Between Francisco St. & Figueroa St.	80	10	50	35	2,452	24,520	0	0	72.3	71.3
- Between Figueroa St. & Flower St.	70	10	45	35	2,019	20,190	0	0	71.9	70.9
- East of Flower St.	70	10	45	35	1,680	16,800	0	0	71.1	70.1
W. 11th Street										
- West of Blaine St.	40	10	30	35	237	2,370	0	0	64.5	63.6
- Between Blaine St. & LA Live Wy.	40	10	30	35	439	4,390	0	0	67.2	66.2
- East of LA Live Wy.	60	10	40	35	228	2,280	0	0	63.0	62.0
- West of Grand Ave.	40	10	30	35	208	2,080	0	0	64.0	63.0
- East of Grand Ave.	40	10	30	35	465	4,650	0	0	67.5	66.5
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,589	15,890	0	0	71.4	70.4
- Between Alvarado St. & Union Ave.	60	10	40	35	1,882	18,820	0	0	72.1	71.2
- Between Union Ave. & Figueroa St.	60	10	40	35	1,579	15,790	0	0	71.4	70.4
- Between Figueroa & Flower St.	70	10	45	35	1,211	12,110	0	0	69.6	68.7
- East of Hill St.	50	10	35	35	632	6,320	0	0	68.0	67.0
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	848	8,480	0	0	69.9	68.9
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	1,280	12,800	0	0	71.7	70.7
Venice Boulevard										
- East of Olive St.	40	10	30	35	681	6,810	0	0	69.1	68.2
W. 12th Street										

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- West of Grand Ave.	40	10	30	35	79	790	0	0	59.8	58.8
E. 17th Street										
- West of Grand Ave.	40	10	30	35	763	7,630	0	0	69.6	68.6
W. 18th Street										
- West of Flower St.	40	10	30	35	80	800	0	0	59.8	58.9
- West of Grand Ave.	40	10	30	35	80	800	0	0	59.8	58.9
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,243	12,430	0	0	69.3	68.4
- Between Flower St. & Grand Ave.	80	10	50	35	1,056	10,560	0	0	68.6	67.7
- Between Grand Ave. & Los Angeles St.	80	10	50	35	913	9,130	0	0	68.0	67.0
- East of Los Angeles St.	80	10	50	35	812	8,120	0	0	67.5	66.5
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	284	2,840	0	0	63.3	62.4
- East of I-110 Fwy.	50	10	35	35	293	2,930	0	0	64.7	63.7
Alvarado Street										
- North of 8th St.	60	10	40	35	1,431	14,310	0	0	71.0	70.0
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,399	13,990	0	0	70.9	69.9
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,619	16,190	0	0	71.5	70.5
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,361	13,610	0	0	70.7	69.8
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,156	11,560	0	0	71.2	70.3
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,146	11,460	0	0	71.2	70.2
- South of Pico Blvd.	40	10	30	30	1,102	11,020	0	0	71.0	70.0
Lucas Ave.										
- North of 6th St.	40	10	30	30	655	6,550	0	0	68.8	67.8
- South of 6th St.	40	10	30	30	384	3,840	0	0	66.4	65.5
Bixel Street										
- North of 8th St.	40	10	30	30	207	2,070	0	0	63.8	62.8
- Between 8th St. & Wilshire Blvd.	40	10	30	30	276	2,760	0	0	65.0	64.0
- Between Wilshire Blvd. & 6th St.	40	10	30	30	556	5,560	0	0	68.1	67.1
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,306	13,060	0	0	71.2	70.2
- Between Flower St. & Grand Ave.	50	10	35	35	1,381	13,810	0	0	71.4	70.4
- Between Grand Ave. and Main St.	50	10	35	35	1,143	11,430	0	0	70.6	69.6
- East of Main St.	50	10	35	35	825	8,250	0	0	69.2	68.2
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	1,161	11,610	0	0	70.6	69.7
- Between Bixel St. & Figueroa St.	50	10	35	35	1,036	10,360	0	0	70.2	69.2

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	931	9,310	0	0	69.7	68.7

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

Existing (2011)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	13	2	8	82	615	38	86	34	11	32	776	146
2	Francisco & Olympic	34	3	4	93	715	47	11	2	9	124	640	115
3	Figueroa & Olympic	0	0	0	144	705	50	84	473	149	120	419	122
4	Flower & Olympic	307	380	54	0	603	24	0	0	0	37	451	0
5	Grand & Olympic	100	246	27	0	491	44	0	0	0	66	414	0
6	Olive & Olympic	0	0	0	14	455	0	16	181	81	0	402	51
7	Hill & Olympic	57	151	26	36	411	10	17	68	9	23	361	39
8	Broadway & Olympic	69	226	73	51	373	30	37	248	22	14	358	33
9	Main & Olympic	127	249	44	38	292	22	60	248	26	27	383	55
10	Los Angeles & Olympic	75	222	93	52	253	36	85	188	33	64	349	48
11	Santee & Olympic	116	64	17	30	178	22	67	65	30	103	382	34
12	Maple & Olympic	75	190	38	37	102	14	62	169	54	133	255	68
13	Maple & 9th	41	142	22	63	235	88	89	157	18	103	349	23
14	San Pedro & 9th	55	252	36	69	345	53	94	337	67	66	215	48
15	LA Live Way & Chick Hearn Ct	0	0	0	34	62	40	153	419	120	196	57	82
16	Figueroa & 11th	45	108	3	94	207	48	17	623	37	47	30	28
17	Flower & 11th	190	216	0	0	163	14	0	0	0	50	0	0
18	Grand & 11th	53	293	0	0	150	28	0	0	0	0	0	0
19	Olive & 11th	0	0	0	8	128	0	0	266	48	0	0	0
20	Figueroa & 12th	0	173	9	13	0	10	8	664	2	1	1	0
21	Flower & 12th	24	201	57	0	0	0	0	0	0	1	17	0
22	Grand & 12th	0	273	50	0	0	0	0	0	0	29	50	0
23	Olive & 12th	0	0	0	0	0	0	10	269	0	0	61	36
24	LA Live Way & Pico	8	0	141	72	242	0	191	612	552	0	320	142
25	LA Live Way & Bond	0	0	0	78	2	0	0	1,285	0	0	0	2
26	Figueroa & Pico	16	169	14	38	229	43	46	540	73	98	381	84
27	Flower & Pico	37	163	2	0	283	13	0	0	0	102	344	0
28	Grand & Pico	28	256	11	0	247	14	0	0	0	41	262	0
29	Olive & Pico	0	0	0	12	225	0	16	242	34	0	259	16
30	Hill & Pico	21	148	8	6	206	8	11	78	13	16	252	6
31	Broadway & Pico	33	202	11	20	151	16	24	250	33	23	221	40
32	Main & Pico	29	203	15	52	176	8	38	244	25	34	161	47
33	Blaine & Olympic	2	51	8	15	515	118	195	1	139	115	596	2
34	Blaine & SR 110 SB Off-Ramps	0	292	0	336	0	317	0	0	0	0	0	0
35	Blaine & 11th	48	303	263	0	101	81	0	0	0	150	78	0
36	Convention Center Drive & Venice	14	0	59	156	282	0	0	0	0	0	320	26

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

37	Figueroa & Venice	26	231	11	32	183	27	43	542	75	141	155	48
38	Flower & Venice	26	243	10	0	219	21	0	0	0	28	180	0
39	Grand & Venice	36	271	26	0	215	12	0	0	0	57	163	0
40	Olive & Venice	0	0	0	8	150	0	24	302	76	0	171	13
41	Grand & 17th	162	180	0	0	478	83	0	0	0	0	0	0
42	Olive & 17th	0	0	0	133	425	0	0	261	139	0	0	0
43	Hill & 17th	51	130	0	43	441	27	0	113	42	0	0	0
44	Broadway & 17th	58	246	0	50	417	24	0	246	44	0	0	0
45	Main & 17th	72	204	0	27	326	43	0	247	51	0	0	0
46	Los Angeles & 17th	85	226	0	277	289	47	0	105	19	0	0	0
47	Flower & 18th	0	116	6	0	0	0	0	0	0	6	31	0
48	Grand & 18th	0	177	109	0	0	0	90	0	0	111	308	0
49	Olive & 18th	0	0	0	0	0	0	14	101	0	0	220	294
50	Hill & 18th	0	121	35	0	0	0	18	127	0	31	286	26
51	Broadway & 18th	0	230	39	0	0	0	26	258	0	20	289	26
52	Main & 18th	0	221	30	0	0	0	75	274	0	26	202	32
53	Los Angeles & 18th	0	103	3	0	0	0	2	146	0	11	21	275
54	Figueroa & Washington	57	223	48	118	532	72	45	628	91	64	276	101
55	Flower & Washington	38	73	9	0	602	0	0	0	0	22	356	0
56	Grand & Washington	57	100	35	7	454	8	21	69	25	10	355	0
57	Olive & Washington	0	0	0	46	403	2	2	36	13	4	382	38
58	Hill & Washington	25	85	31	45	302	10	21	93	6	2	79	8
59	Broadway & Washington	27	186	32	51	314	35	53	232	20	7	116	5
60	Main & Washington	23	186	36	31	367	27	55	297	45	29	377	17
61	Los Angeles & Washington	42	71	36	53	309	7	15	68	6	11	311	36
62	San Pedro & Washington	41	376	43	33	285	53	38	569	84	55	305	116
63	Figueroa & Adams	82	572	95	194	471	155	77	631	148	134	233	107
64	Flower & Adams	24	78	0	0	808	0	0	0	0	145	295	0
65	I-110 NB Off General & Adams	73	0	191	0	380	0	170	0	262	0	294	0
66	Grand & Adams	35	60	31	22	329	28	30	41	14	16	463	60
67	Hill & Adams	19	84	21	48	331	13	37	75	20	34	419	68
68	Broadway & Adams	23	219	14	24	350	29	18	239	26	33	416	28
69	Main & Adams	19	214	28	38	313	37	48	345	53	33	361	42
70	Flower & Jefferson	24	169	25	0	411	50	0	0	0	163	261	0
71	Figueroa & Exposition	69	640	205	334	434	63	34	1,009	149	107	287	134
72	Flower & 37th Street	0	143	282	0	0	0	35	0	0	42	406	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	75	0	0	44	374	0	0	79	292
74	Hill & 37th Street	14	59	3	0	17	2	3	56	10	10	25	27
75	Broadway & 37th	3	314	3	1	1	1	0	293	8	16	7	12
76	Figueroa & 39th	117	370	44	89	17	70	29	340	56	11	6	33

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Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	60	33	17	0	94	60	43	0
78	Figueroa & MLK	124	267	90	124	1,144	123	108	227	82	94	1,232	164
79	I-110 SB Ramps & MLK	504	0	250	0	995	220	0	0	0	542	908	0
80	I-110 NB Ramps/Hill & MLK	77	6	13	28	778	146	120	26	351	381	607	30
81	Georgia & James Wood	0	0	0	0	0	0	24	260	0	12	532	157
82	Francisco & 9th	0	0	11	0	0	0	0	0	0	0	1,054	193
83	Figueroa & 9th	0	0	0	0	0	0	111	617	0	0	879	153
84	Flower & 9th	0	449	131	0	0	0	0	0	0	297	716	0
85	Broadway & 9th	0	335	70	0	0	0	28	305	0	39	548	88
86	Bixel & 8th	45	546	0	105	416	272	0	0	0	0	0	0
87	Francisco & 8th	0	0	0	0	882	16	0	0	213	0	0	0
88	Figueroa & 8th	0	0	0	120	713	0	0	634	160	0	0	0
89	Flower & 8th	105	491	0	0	698	67	0	0	0	0	0	0
90	Hill & 8th	86	247	0	54	478	34	0	127	15	0	0	0
91	Broadway & 8th	74	399	0	95	445	19	0	352	43	0	0	0
92	Bixel & Wilshire	24	170	8	11	445	46	39	49	26	85	366	19
93	Figueroa & Wilshire	0	0	0	97	167	0	43	660	87	0	312	199
94	Lucas & 6th	73	87	25	7	231	6	8	80	21	22	393	72
95	Bixel & 6th	20	80	24	26	207	32	18	37	18	86	330	20
96	Figueroa & 6th	0	0	0	0	0	0	88	881	0	0	851	105
97	Flower & 6th	0	310	124	0	0	0	0	0	0	201	756	0
98	Grand & 6th	0	319	96	0	0	0	0	0	0	98	737	0
99	Hill & 6th	0	287	48	0	0	0	75	188	0	75	623	28
100	Spring & 6th	0	564	121	0	0	0	0	0	0	142	608	0
101	Main & 6th	0	0	0	0	0	0	94	451	0	0	518	184
102	Figueroa & 5th	0	0	0	103	693	0	0	568	399	0	0	0
103	Grand & 5th	64	253	0	35	538	164	0	0	0	0	0	0
104	Olive & 5th	100	0	0	37	385	0	0	276	232	0	0	0
105	Hill & 5th	90	282	0	62	268	18	0	175	37	0	0	0
106	Spring & 5th	47	477	0	0	248	156	0	0	0	0	0	0
107	Main & 5th	0	0	0	81	233	0	0	484	177	0	0	0
108	Figueroa & 2nd	22	181	33	14	100	26	75	381	55	141	181	34
109	Beaudry & 1st	58	129	31	32	157	31	45	160	45	30	211	26
110	Hope & 1st	22	88	111	65	200	33	55	100	16	84	325	64
111	Grand & 1st	59	304	61	114	229	106	14	56	19	131	262	81
112	Olive & 1st	0	0	0	0	281	24	162	0	80	33	353	0
113	Hill & 1st	71	289	55	22	232	16	23	139	19	21	275	76
114	Spring & 1st	42	305	10	2	161	22	0	0	0	25	236	32
115	Main & 1st	0	0	0	23	195	0	47	259	34	0	444	63
116	Hope & Temple/US-101 Ramps	45	126	182	116	276	51	78	77	24	67	373	133

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Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	100	272	0	0	370	118
118	Los Angeles & Aliso	0	271	88	0	0	0	16	162	0	24	420	20
119	Grand & I-110 On-Ramp/US-101 Ramps	272	301	0	0	0	0	0	229	167	217	0	58
120	Beaudry & Sunset	57	58	32	23	766	68	87	45	165	71	568	24
121	Figueroa & Cesar Chavez	71	71	53	64	899	69	192	299	186	79	549	85
122	Grand & Cesar Chavez	14	123	7	38	780	224	79	36	233	225	536	20
123	Spring & Cesar Chavez	90	99	9	74	842	266	30	10	8	124	461	1
124	Main & Cesar Chavez	0	0	0	35	946	0	143	173	169	0	447	50
125	Alameda & Cesar Chavez	147	726	64	67	611	153	105	605	225	220	321	51
126	Main & Alpine	60	182	33	55	257	0	15	107	3	19	78	47
127	Alameda & Alpine	94	172	61	72	74	23	51	258	56	86	38	44
128	Hill & Alpine	35	549	95	132	118	50	62	254	31	24	148	34
129	Hill & College	51	615	225	109	150	36	81	330	31	39	178	83
130	Sunset & Elysian Park	0	605	589	84	0	75	706	590	0	0	0	0
131	Glendale & Bellevue	0	716	90	124	0	329	164	507	0	0	0	0
132	Glendale & Temple	151	464	90	91	294	34	16	400	46	55	266	233
133	Alvarado & US 101 NB Ramps	264	722	0	75	0	234	0	625	248	0	0	0
134	Alvarado & US 101 SB Ramps	0	742	177	0	0	0	229	636	0	180	10	203
135	Alvarado & Beverly	79	793	14	58	251	62	38	682	28	40	294	84
136	Vermont & 6th	104	1,038	79	89	384	94	63	1,007	60	93	466	144
137	Alvarado & 6th	119	678	40	51	383	52	92	613	49	62	436	54
138	Western & Wilshire	87	765	85	83	623	133	119	771	91	94	610	116
139	Normandie & Wilshire	75	414	39	16	392	34	39	183	19	54	691	25
140	Vermont & Wilshire	77	1,122	54	79	629	70	35	943	94	39	445	116
141	Alvarado & Wilshire	108	601	41	88	551	41	77	643	23	26	432	75
142	Vermont & 8th	95	1,151	50	70	394	35	73	1,018	98	85	294	39
143	Alvarado & 8th	68	544	39	102	332	57	122	563	51	37	285	57
144	Western & Olympic	94	645	170	134	599	110	82	812	98	34	613	88
145	Normandie & Olympic	72	514	63	43	957	80	105	517	79	71	913	52
146	Vermont & Olympic	168	925	110	100	653	108	55	985	78	68	704	139
147	Alvarado & Olympic	125	472	98	78	643	84	82	522	68	44	663	98
148	Union & Olympic	95	409	63	64	618	50	22	423	77	49	670	54
149	Western & Pico	74	837	68	81	395	91	89	851	88	91	441	84
150	Normandie & Pico	53	662	35	51	438	107	147	603	47	68	421	35
151	Vermont & Pico	95	925	103	69	566	59	77	1,011	87	71	472	75
152	Alvarado & Pico	155	445	85	112	585	93	126	486	17	35	530	134
153	Pico & Union	103	419	44	47	691	46	36	458	61	54	683	53
154	Hoover & Alvarado	0	592	0	14	0	488	512	575	0	0	0	0
155	Western & Venice	55	756	42	50	343	86	67	892	75	51	368	60
156	Normandie & Venice	67	786	27	42	305	25	36	692	73	103	333	58

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

157	Vermont & Venice	79	965	64	65	298	57	119	994	45	41	332	75
158	Hoover & Venice	108	900	51	61	196	99	53	915	51	114	235	138
159	Western & Washington	44	948	63	89	299	100	88	1,028	75	96	336	73
160	Normandie & Washington	59	801	65	57	252	81	130	779	125	126	324	37
161	Vermont & Washington	48	963	56	85	377	103	108	948	68	40	327	96
162	Hoover & Washington	153	794	148	86	347	52	44	806	64	53	345	108
163	I-10 WB Ramp & 20th	0	0	0	0	40	492	281	0	43	22	42	0
164	Vermont & I-10 EB Ramps	0	702	441	0	0	0	210	882	0	246	0	275
165	I-10 EB Ramp & Hoover	0	633	258	0	0	0	278	619	0	222	0	433
166	Hill & Venice	13	130	10	7	182	13	17	92	32	15	175	6
167	Broadway & Venice	10	213	9	14	155	6	10	250	33	46	152	19
168	Main & Venice	24	206	10	14	132	5	8	221	26	32	104	24
169	Los Angeles & Venice	19	219	9	33	122	18	9	219	12	23	71	24
170	San Pedro & Venice	126	395	0	273	145	185	0	216	68	54	0	37
171	Central & Venice	153	412	0	176	162	199	0	292	158	0	0	0
172	Central & Washington	57	341	32	44	286	55	29	553	67	82	262	94
173	Wilton Place (ext. of Arlington) & Wilshire	109	580	30	51	717	100	52	652	63	42	640	125
174	Arlington & Olympic	105	516	81	51	597	45	68	514	60	69	780	100
175	Arlington & Pico	76	502	61	60	409	58	55	568	94	91	473	79
176	Arlington & Venice	48	598	29	33	386	55	45	642	49	73	378	35
177	Arlington & Washington	35	707	16	54	378	110	109	621	49	70	346	62
178													
179													
180													
181													
182													
183													

Traffic Data Received on 10/18/11
Peak Hour Traffic Volumes
Future No Project, Cumulative Base (2038)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	43	2	8	138	785	77	95	56	40	63	953	189
2	Francisco & Olympic	34	3	44	129	981	48	11	2	9	125	824	116
3	Figueroa & Olympic	0	0	0	199	886	76	133	951	271	157	592	135
4	Flower & Olympic	342	907	75	0	829	35	0	0	0	49	660	0
5	Grand & Olympic	154	534	84	0	669	55	0	0	0	109	589	0
6	Olive & Olympic	0	0	0	59	612	0	27	477	111	0	572	114
7	Hill & Olympic	79	319	29	45	553	75	124	157	48	61	486	57
8	Broadway & Olympic	99	337	87	53	535	30	37	314	47	53	500	86
9	Main & Olympic	171	424	55	47	411	24	64	438	28	27	504	92
10	Los Angeles & Olympic	76	251	94	53	374	36	86	202	38	68	471	49
11	Santee & Olympic	117	65	19	31	298	22	68	66	30	104	505	34
12	Maple & Olympic	76	192	38	37	219	14	63	173	57	139	374	69
13	Maple & 9th	41	144	22	64	238	89	90	161	18	104	504	23
14	San Pedro & 9th	56	255	36	72	349	54	95	344	68	69	367	49
15	LA Live Way & Chick Hearn Ct	0	0	0	66	155	40	174	454	121	203	96	83
16	Figueroa & 11th	46	170	3	140	284	49	17	1,227	98	105	30	28
17	Flower & 11th	209	747	0	0	268	193	0	0	0	51	0	0
18	Grand & 11th	76	612	0	0	437	196	0	0	0	0	0	0
19	Olive & 11th	0	0	0	8	311	0	0	603	304	0	0	0
20	Figueroa & 12th	0	229	17	13	0	10	38	1,165	2	1	1	0
21	Flower & 12th	24	684	173	0	0	0	0	0	0	1	55	0
22	Grand & 12th	0	669	80	0	0	0	0	0	0	66	208	0
23	Olive & 12th	0	0	0	0	0	0	10	777	0	0	159	125
24	LA Live Way & Pico	8	0	148	73	342	0	227	668	559	0	408	144
25	LA Live Way & Bond	0	0	0	79	2	0	0	1,384	0	0	0	2
26	Figueroa & Pico	38	184	20	41	301	75	64	966	79	108	451	147
27	Flower & Pico	61	657	17	0	368	0	0	0	0	111	475	0
28	Grand & Pico	63	644	21	0	300	30	0	0	0	56	383	0
29	Olive & Pico	0	0	0	17	279	0	47	708	50	0	352	54
30	Hill & Pico	30	318	14	15	250	9	13	157	17	39	344	14
31	Broadway & Pico	41	326	11	20	197	16	24	318	33	23	304	57
32	Main & Pico	37	326	15	54	214	8	38	359	25	34	206	85
33	Blaine & Olympic	2	52	8	15	705	160	269	1	162	119	765	2
34	Blaine & SR 110 SB Off-Ramps	0	340	0	432	0	358	0	0	0	0	0	0
35	Blaine & 11th	49	351	303	0	108	168	0	0	0	152	85	0
36	Convention Center Drive & Venice	14	0	60	171	344	0	0	0	0	0	355	26

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

37	Figueroa & Venice	53	274	15	51	229	28	45	864	76	143	183	54
38	Flower & Venice	42	728	12	0	270	28	0	0	0	28	213	0
39	Grand & Venice	59	666	27	0	245	12	0	0	0	72	189	0
40	Olive & Venice	0	0	0	11	168	0	24	745	87	0	177	34
41	Grand & 17th	400	352	0	0	600	92	0	0	0	0	0	0
42	Olive & 17th	0	0	0	271	538	0	0	577	157	0	0	0
43	Hill & 17th	100	264	0	50	632	40	0	190	53	0	0	0
44	Broadway & 17th	71	361	0	57	616	31	0	317	45	0	0	0
45	Main & 17th	88	310	0	46	518	152	0	343	56	0	0	0
46	Los Angeles & 17th	92	251	0	294	600	48	0	109	19	0	0	0
47	Flower & 18th	0	505	6	0	0	0	0	0	0	6	72	0
48	Grand & 18th	0	310	157	0	0	0	91	0	0	131	563	0
49	Olive & 18th	0	0	0	0	0	0	14	228	0	0	318	501
50	Hill & 18th	0	243	59	0	0	0	18	208	0	31	378	32
51	Broadway & 18th	0	337	54	0	0	0	36	329	0	31	395	26
52	Main & 18th	0	420	46	0	0	0	166	360	0	31	311	47
53	Los Angeles & 18th	0	104	3	0	0	0	2	150	0	11	21	491
54	Figueroa & Washington	70	235	49	128	620	107	78	1,020	101	67	306	112
55	Flower & Washington	73	423	13	0	698	0	0	0	0	25	415	0
56	Grand & Washington	71	220	52	7	535	10	23	70	25	10	419	0
57	Olive & Washington	0	0	0	48	488	2	2	149	26	4	453	50
58	Hill & Washington	38	187	38	60	375	10	21	154	6	2	141	13
59	Broadway & Washington	27	286	48	57	400	41	60	304	20	7	182	9
60	Main & Washington	26	378	44	39	461	27	67	463	46	29	467	19
61	Los Angeles & Washington	43	72	36	54	383	7	15	69	6	11	382	38
62	San Pedro & Washington	41	381	44	33	350	54	40	576	95	64	371	117
63	Figueroa & Adams	91	755	110	236	486	210	84	1,032	160	140	243	110
64	Flower & Adams	56	460	0	7	888	0	0	0	0	147	326	0
65	I-110 NB Off General & Adams	81	0	200	0	440	0	213	0	281	0	332	0
66	Grand & Adams	35	175	31	22	388	28	30	41	14	16	544	61
67	Hill & Adams	21	177	21	49	387	13	37	180	20	34	485	82
68	Broadway & Adams	31	317	14	24	397	29	18	311	27	36	472	36
69	Main & Adams	21	404	28	38	358	37	49	505	54	33	403	57
70	Flower & Jefferson	101	449	33	0	561	51	0	0	0	205	384	0
71	Figueroa & Exposition	70	744	298	387	456	73	40	1,347	151	108	305	136
72	Flower & 37th Street	0	412	325	0	0	0	35	0	0	43	524	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	77	0	0	45	436	0	0	81	351
74	Hill & 37th Street	14	152	3	0	18	2	3	161	10	10	26	27
75	Broadway & 37th	3	425	3	1	1	1	0	375	9	17	7	12
76	Figueroa & 39th	118	457	65	114	17	71	29	651	57	11	6	33

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	61	33	17	0	119	81	44	0
78	Figueroa & MLK	126	325	118	157	1,159	132	110	503	84	97	1,248	167
79	I-110 SB Ramps & MLK	516	0	253	0	1,042	223	0	0	0	549	949	0
80	I-110 NB Ramps/Hill & MLK	78	98	13	28	822	148	121	130	355	386	644	30
81	Georgia & James Wood	0	0	0	0	0	0	29	363	0	12	859	179
82	Francisco & 9th	0	0	74	0	0	0	0	0	0	0	1,590	235
83	Figueroa & 9th	0	0	0	0	0	0	181	1,161	0	0	1,425	205
84	Flower & 9th	0	851	139	0	0	0	0	0	0	423	1,207	0
85	Broadway & 9th	0	404	72	0	0	0	28	426	0	125	762	173
86	Bixel & 8th	46	755	0	106	557	372	0	0	0	0	0	0
87	Francisco & 8th	9	5	0	17	1,311	82	0	0	258	0	0	0
88	Figueroa & 8th	0	0	0	142	1,025	0	0	1,031	361	0	0	0
89	Flower & 8th	111	852	0	0	1,025	116	0	0	0	0	0	0
90	Hill & 8th	143	391	0	65	770	64	0	225	21	0	0	0
91	Broadway & 8th	125	470	0	106	678	19	0	508	93	0	0	0
92	Bixel & Wilshire	33	228	8	28	548	58	39	59	26	101	454	57
93	Figueroa & Wilshire	0	0	0	98	224	0	44	1,033	129	0	388	281
94	Lucas & 6th	80	151	55	74	418	9	38	141	29	28	574	76
95	Bixel & 6th	31	91	28	32	472	39	41	53	20	96	596	35
96	Figueroa & 6th	0	0	0	0	0	0	123	1,303	0	0	1,304	233
97	Flower & 6th	0	574	126	0	0	0	0	0	0	378	1,068	0
98	Grand & 6th	0	527	106	0	0	0	0	0	0	146	1,010	0
99	Hill & 6th	0	486	76	0	0	0	76	306	0	113	876	28
100	Spring & 6th	0	884	162	0	0	0	0	0	0	166	855	0
101	Main & 6th	0	0	0	0	0	0	125	799	0	0	716	274
102	Figueroa & 5th	0	0	0	132	1,021	0	0	847	671	0	0	0
103	Grand & 5th	74	376	0	39	931	244	0	0	0	0	0	0
104	Olive & 5th	141	0	0	46	792	0	0	522	262	0	0	0
105	Hill & 5th	300	494	0	98	472	32	0	292	38	0	0	0
106	Spring & 5th	190	807	0	0	397	187	0	0	0	0	0	0
107	Main & 5th	0	0	0	90	377	0	0	887	213	0	0	0
108	Figueroa & 2nd	22	183	35	14	117	26	80	574	75	151	204	34
109	Beaudry & 1st	79	168	31	32	322	33	68	213	47	30	390	47
110	Hope & 1st	22	141	157	101	363	50	56	118	16	103	538	72
111	Grand & 1st	77	400	168	216	405	118	272	114	42	162	491	82
112	Olive & 1st	0	0	0	0	398	44	249	0	252	280	639	0
113	Hill & 1st	72	427	56	22	369	138	28	265	19	71	567	105
114	Spring & 1st	112	701	13	2	352	34	0	0	0	49	472	32
115	Main & 1st	0	0	0	26	375	0	66	711	58	0	567	182
116	Hope & Temple/US-101 Ramps	46	182	243	152	308	55	79	137	24	108	463	165

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	310	635	0	0	676	173
118	Los Angeles & Aliso	0	292	89	0	0	0	68	175	0	77	817	85
119	Grand & I-110 On-Ramp/US-101 Ramps	363	419	0	0	0	0	0	324	330	341	0	90
120	Beaudry & Sunset	69	100	95	23	869	100	116	87	167	72	664	24
121	Figueroa & Cesar Chavez	72	94	54	118	1,031	70	212	465	192	86	722	95
122	Grand & Cesar Chavez	14	236	7	38	902	289	91	122	263	257	668	20
123	Spring & Cesar Chavez	112	309	9	75	947	279	30	10	8	144	546	1
124	Main & Cesar Chavez	0	0	0	103	1,043	0	162	533	190	0	531	51
125	Alameda & Cesar Chavez	149	866	88	68	707	155	106	692	228	223	421	52
126	Main & Alpine	111	184	33	56	301	0	15	355	99	19	116	55
127	Alameda & Alpine	95	226	79	88	188	70	79	284	73	123	70	45
128	Hill & Alpine	35	666	192	197	119	51	63	401	31	24	150	34
129	Hill & College	52	828	285	178	152	36	82	540	31	39	180	84
130	Sunset & Elysian Park	0	701	596	85	0	76	715	702	0	0	0	0
131	Glendale & Bellevue	0	789	91	125	0	349	264	614	0	0	0	0
132	Glendale & Temple	171	554	92	126	330	34	16	569	51	70	300	238
133	Alvarado & US 101 NB Ramps	386	798	0	93	0	256	0	753	255	0	0	0
134	Alvarado & US 101 SB Ramps	0	840	203	0	0	0	235	721	0	187	10	278
135	Alvarado & Beverly	80	884	14	59	435	63	40	761	28	40	487	85
136	Vermont & 6th	110	1,246	80	90	580	99	73	1,223	66	100	623	154
137	Alvarado & 6th	138	752	40	52	567	71	101	690	50	63	581	58
138	Western & Wilshire	88	851	86	84	689	153	141	871	96	104	667	117
139	Normandie & Wilshire	76	438	44	28	459	44	45	204	20	56	753	25
140	Vermont & Wilshire	105	1,312	58	83	697	73	35	1,109	138	125	516	178
141	Alvarado & Wilshire	109	692	41	91	604	63	95	728	23	26	477	76
142	Vermont & 8th	107	1,358	63	77	521	35	74	1,179	105	92	406	51
143	Alvarado & 8th	70	669	39	105	481	58	123	661	52	37	437	59
144	Western & Olympic	95	749	181	140	750	115	92	934	99	34	761	89
145	Normandie & Olympic	95	541	67	46	1,140	88	110	547	121	90	1,062	63
146	Vermont & Olympic	181	1,112	123	111	820	110	57	1,134	94	87	849	146
147	Alvarado & Olympic	128	589	104	84	820	113	103	613	69	45	819	99
148	Union & Olympic	96	415	64	75	827	51	22	429	78	50	851	55
149	Western & Pico	79	943	69	82	488	92	90	973	89	92	519	94
150	Normandie & Pico	55	712	38	59	531	108	149	671	48	69	499	36
151	Vermont & Pico	97	1,130	104	70	666	60	78	1,175	88	72	552	77
152	Alvarado & Pico	161	584	86	113	681	94	142	591	17	35	606	141
153	Pico & Union	104	424	46	49	789	54	36	464	62	55	775	54
154	Hoover & Alvarado	0	615	0	14	0	629	631	652	0	0	0	0
155	Western & Venice	56	861	43	51	384	87	68	1,015	76	52	402	61
156	Normandie & Venice	68	837	27	43	346	25	36	761	74	104	367	59

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Peak Hour Traffic Volumes

157	Vermont & Venice	80	1,171	65	66	339	58	120	1,159	46	41	366	76
158	Hoover & Venice	109	1,062	52	62	235	122	55	1,109	52	115	268	140
159	Western & Washington	45	1,055	64	90	383	101	89	1,152	76	97	415	74
160	Normandie & Washington	60	853	66	58	335	82	132	849	127	128	403	37
161	Vermont & Washington	49	1,169	57	86	462	104	109	1,112	69	40	406	97
162	Hoover & Washington	155	965	162	101	431	53	45	987	65	54	424	109
163	I-10 WB Ramp & 20th	0	0	0	0	40	593	338	0	44	22	43	0
164	Vermont & I-10 EB Ramps	0	783	497	0	0	0	213	1,005	0	307	0	341
165	I-10 EB Ramp & Hoover	0	731	262	0	0	0	281	716	0	243	0	489
166	Hill & Venice	19	312	16	10	197	13	17	175	32	15	180	6
167	Broadway & Venice	11	338	9	14	163	6	10	318	41	49	161	19
168	Main & Venice	26	327	10	14	138	5	8	336	26	32	112	24
169	Los Angeles & Venice	19	250	9	33	127	18	9	239	12	23	72	24
170	San Pedro & Venice	128	400	0	276	151	187	0	219	69	55	0	37
171	Central & Venice	155	464	0	178	168	201	0	326	160	0	0	0
172	Central & Washington	60	432	60	61	349	56	29	662	68	83	325	99
173	Wilton Place (ext. of Arlington) & Wilshire	110	587	30	52	788	101	53	660	64	43	707	127
174	Arlington & Olympic	106	522	82	52	748	46	69	520	61	70	930	101
175	Arlington & Pico	77	508	62	61	506	59	56	575	95	92	561	80
176	Arlington & Venice	49	605	29	33	428	56	46	650	50	74	413	35
177	Arlington & Washington	35	716	16	55	463	111	110	628	50	71	425	63
178													
179													
180													
181													
182													
183													

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

Future With Project (2038)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	43	2	8	169	893	99	200	50	40	151	1,395	303
2	Francisco & Olympic	34	3	44	262	1,142	265	11	2	9	125	1,356	132
3	Figueroa & Olympic	0	0	0	338	1,348	86	133	990	320	482	674	260
4	Flower & Olympic	575	906	128	0	1,151	204	0	0	0	80	710	0
5	Grand & Olympic	188	573	84	0	1,007	55	0	0	0	127	586	0
6	Olive & Olympic	0	0	0	59	686	0	149	511	374	0	569	114
7	Hill & Olympic	92	319	29	45	608	87	124	157	54	61	483	57
8	Broadway & Olympic	99	337	87	53	602	30	37	314	47	53	497	86
9	Main & Olympic	202	444	55	47	447	24	64	440	28	27	504	89
10	Los Angeles & Olympic	76	251	94	53	410	36	86	202	38	68	471	49
11	Santee & Olympic	117	65	19	31	334	22	68	66	30	104	505	34
12	Maple & Olympic	76	192	38	37	255	14	63	173	57	139	374	69
13	Maple & 9th	41	144	22	64	238	89	90	161	18	104	506	23
14	San Pedro & 9th	56	255	36	72	349	90	95	344	68	69	369	49
15	LA Live Way & Chick Hearn Ct	0	0	0	7	47	0	0	301	0	150	182	83
16	Figueroa & 11th	0	562	3	142	29	57	17	1,362	0	0	0	0
17	Flower & 11th	206	797	0	0	162	193	0	0	0	3	0	0
18	Grand & 11th	76	668	0	0	396	478	0	0	0	0	0	0
19	Olive & 11th	0	0	0	127	244	0	0	1,016	611	0	0	0
20	Figueroa & 12th	0	512	17	13	0	10	38	1,197	2	1	1	0
21	Flower & 12th	24	686	173	0	0	0	0	0	0	1	55	0
22	Grand & 12th	0	711	80	0	0	0	0	0	0	66	208	0
23	Olive & 12th	0	0	0	0	0	0	11	1,587	0	0	159	125
24	LA Live Way & Pico	174	0	0	95	430	0	564	701	677	0	520	0
25	LA Live Way & Bond	0	0	0	0	2	0	0	2,082	79	0	0	2
26	Figueroa & Pico	37	468	20	41	381	75	138	1,000	112	135	782	145
27	Flower & Pico	101	619	17	0	416	0	0	0	0	108	871	0
28	Grand & Pico	102	644	21	0	477	30	0	0	0	51	575	0
29	Olive & Pico	0	0	0	68	297	0	126	1,453	208	0	403	196
30	Hill & Pico	30	321	14	73	327	20	13	858	42	39	339	63
31	Broadway & Pico	40	326	11	20	264	16	24	359	113	22	300	57
32	Main & Pico	52	338	15	54	266	8	38	360	25	34	201	86
33	Blaine & Olympic	2	52	8	15	813	160	489	1	162	119	1,193	2
34	Blaine & SR 110 SB Off-Ramps	0	340	0	652	0	1,026	0	0	0	0	0	0
35	Blaine & 11th	49	891	431	0	216	49	0	0	0	152	0	0
36	Convention Center Drive & Venice	23	0	71	490	344	0	0	0	0	0	535	42

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Peak Hour Traffic Volumes

37	Figueroa & Venice	273	367	17	161	293	28	45	957	111	145	363	64
38	Flower & Venice	48	677	12	0	438	28	0	0	0	76	347	0
39	Grand & Venice	59	661	27	0	413	14	0	0	0	82	309	0
40	Olive & Venice	0	0	0	170	251	0	24	1,559	175	0	263	68
41	Grand & 17th	406	354	0	0	717	92	0	0	0	0	0	0
42	Olive & 17th	0	0	0	1,240	630	0	0	1,273	182	0	0	0
43	Hill & 17th	130	264	0	371	1,706	40	0	555	71	0	0	0
44	Broadway & 17th	71	381	0	150	1,987	78	0	389	69	0	0	0
45	Main & 17th	89	310	0	46	2,028	152	0	343	56	0	0	0
46	Los Angeles & 17th	291	251	0	294	1,911	48	0	109	19	0	0	0
47	Flower & 18th	0	505	6	0	0	0	0	0	0	6	115	0
48	Grand & 18th	0	310	157	0	0	0	124	0	0	131	844	0
49	Olive & 18th	0	0	0	0	0	0	14	750	0	0	432	700
50	Hill & 18th	0	243	59	0	0	0	18	477	0	31	378	146
51	Broadway & 18th	0	403	54	0	0	0	36	425	0	31	395	26
52	Main & 18th	0	420	46	0	0	0	166	360	0	31	311	47
53	Los Angeles & 18th	0	104	3	0	0	0	2	150	0	11	21	491
54	Figueroa & Washington	90	228	54	139	620	110	124	1,130	101	67	401	119
55	Flower & Washington	73	423	13	0	712	10	0	0	0	73	513	0
56	Grand & Washington	71	220	52	7	559	10	50	111	25	10	517	0
57	Olive & Washington	0	0	0	83	506	78	2	569	36	4	506	122
58	Hill & Washington	38	187	38	78	501	10	21	355	9	2	144	63
59	Broadway & Washington	93	286	48	57	478	41	60	400	20	7	185	9
60	Main & Washington	26	378	44	39	539	27	67	463	46	29	470	19
61	Los Angeles & Washington	43	72	36	54	461	7	15	69	6	11	385	38
62	San Pedro & Washington	41	381	44	33	428	54	40	576	95	64	374	117
63	Figueroa & Adams	91	755	110	270	486	210	84	1,071	160	140	243	110
64	Flower & Adams	56	462	0	91	922	0	0	0	0	147	326	0
65	I-110 NB Off General & Adams	517	0	284	0	440	0	399	0	315	0	332	0
66	Grand & Adams	35	175	31	22	388	28	30	48	14	16	1,106	122
67	Hill & Adams	21	177	21	49	387	13	37	472	20	34	581	548
68	Broadway & Adams	31	317	14	24	397	29	18	311	27	36	472	132
69	Main & Adams	21	404	28	38	358	37	49	505	54	33	403	57
70	Flower & Jefferson	101	450	33	0	561	51	0	0	0	205	384	0
71	Figueroa & Exposition	70	745	291	394	456	73	40	1,378	151	108	305	136
72	Flower & 37th Street	0	413	325	0	0	0	35	0	0	43	524	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	77	0	0	99	443	0	0	81	351
74	Hill & 37th Street	14	152	3	0	18	2	3	401	10	10	26	79
75	Broadway & 37th	3	425	3	1	1	1	0	375	9	17	7	12
76	Figueroa & 39th	118	458	65	140	17	71	29	656	57	11	6	33

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	61	33	157	0	145	82	44	0
78	Figueroa & MLK	126	325	119	162	1,159	132	110	503	84	97	1,248	167
79	I-110 SB Ramps & MLK	516	0	253	0	1,047	223	0	0	0	550	949	0
80	I-110 NB Ramps/Hill & MLK	78	98	13	28	822	148	121	235	360	386	644	30
81	Georgia & James Wood	0	0	0	0	0	0	29	471	0	12	1,260	179
82	Francisco & 9th	0	0	74	0	0	0	0	0	0	0	2,400	569
83	Figueroa & 9th	0	0	0	0	0	0	183	1,377	0	0	1,614	822
84	Flower & 9th	0	1,017	139	0	0	0	0	0	0	489	1,332	0
85	Broadway & 9th	0	404	72	0	0	0	28	426	0	125	765	173
86	Bixel & 8th	46	755	0	106	557	372	0	0	0	0	0	0
87	Francisco & 8th	9	5	0	17	1,824	456	0	0	280	0	0	0
88	Figueroa & 8th	0	0	0	471	1,542	0	0	1,259	731	0	0	0
89	Flower & 8th	594	1,152	0	0	1,388	151	0	0	0	0	0	0
90	Hill & 8th	240	581	0	65	901	88	0	226	21	0	0	0
91	Broadway & 8th	125	470	0	106	833	19	0	508	93	0	0	0
92	Bixel & Wilshire	33	228	8	28	548	58	39	59	26	101	650	57
93	Figueroa & Wilshire	0	0	0	98	224	0	160	1,038	129	0	584	281
94	Lucas & 6th	80	311	206	74	418	9	38	141	29	28	586	76
95	Bixel & 6th	31	91	28	32	472	39	41	53	20	96	760	35
96	Figueroa & 6th	0	0	0	0	0	0	124	1,307	0	0	2,256	275
97	Flower & 6th	0	997	177	0	0	0	0	0	0	868	1,531	0
98	Grand & 6th	0	881	106	0	0	0	0	0	0	282	1,190	0
99	Hill & 6th	0	666	76	0	0	0	76	306	0	251	876	28
100	Spring & 6th	0	1,080	162	0	0	0	0	0	0	166	855	0
101	Main & 6th	0	0	0	0	0	0	125	799	0	0	716	274
102	Figueroa & 5th	0	0	0	248	1,021	0	0	968	671	0	0	0
103	Grand & 5th	185	662	0	44	1,092	312	0	0	0	0	0	0
104	Olive & 5th	141	0	0	47	1,026	0	0	530	262	0	0	0
105	Hill & 5th	403	707	0	98	603	40	0	292	38	0	0	0
106	Spring & 5th	330	1,003	0	0	397	187	0	0	0	0	0	0
107	Main & 5th	0	0	0	90	377	0	0	887	213	0	0	0
108	Figueroa & 2nd	22	183	35	14	117	26	80	574	75	151	222	34
109	Beaudry & 1st	79	168	31	32	322	33	68	213	47	30	419	47
110	Hope & 1st	22	486	177	101	363	50	56	118	16	103	567	72
111	Grand & 1st	77	763	168	216	405	123	272	114	42	191	511	82
112	Olive & 1st	0	0	0	0	403	44	249	0	252	280	659	0
113	Hill & 1st	77	732	56	22	369	138	28	265	19	91	567	105
114	Spring & 1st	112	1,049	13	2	352	34	0	0	0	49	472	32
115	Main & 1st	0	0	0	26	375	0	66	711	58	0	567	182
116	Hope & Temple/US-101 Ramps	46	547	262	152	567	55	79	137	24	108	463	165

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	310	635	0	0	676	173
118	Los Angeles & Aliso	0	292	89	0	0	0	68	175	0	77	817	85
119	Grand & I-110 On-Ramp/US-101 Ramps	363	470	0	0	0	0	0	324	330	906	0	90
120	Beaudry & Sunset	69	100	95	23	1,295	100	116	87	167	72	715	24
121	Figueroa & Cesar Chavez	72	94	54	118	1,198	70	212	465	451	86	773	95
122	Grand & Cesar Chavez	14	236	7	38	1,069	289	91	122	263	308	668	20
123	Spring & Cesar Chavez	112	387	9	75	1,114	279	30	10	8	144	546	1
124	Main & Cesar Chavez	0	0	0	103	1,210	0	162	533	190	0	531	51
125	Alameda & Cesar Chavez	149	866	88	68	874	155	106	815	228	223	421	52
126	Main & Alpine	150	184	33	56	301	0	15	355	99	19	116	55
127	Alameda & Alpine	134	226	79	88	227	70	79	407	73	123	70	45
128	Hill & Alpine	35	963	192	197	119	51	63	401	31	24	150	34
129	Hill & College	52	1,125	285	178	349	36	82	540	31	39	180	84
130	Sunset & Elysian Park	0	752	2,021	85	0	76	1,141	702	0	0	0	0
131	Glendale & Bellevue	0	931	91	125	0	349	264	614	0	0	0	0
132	Glendale & Temple	171	711	92	126	330	34	16	569	51	272	300	238
133	Alvarado & US 101 NB Ramps	386	801	0	93	0	256	0	1,466	255	0	0	0
134	Alvarado & US 101 SB Ramps	0	843	203	0	0	0	235	777	0	242	10	935
135	Alvarado & Beverly	80	942	14	59	435	63	40	761	28	40	487	141
136	Vermont & 6th	110	1,291	80	90	580	99	73	1,223	66	100	623	154
137	Alvarado & 6th	138	797	52	52	567	71	101	690	50	63	581	58
138	Western & Wilshire	88	892	90	84	689	153	143	871	96	104	700	117
139	Normandie & Wilshire	76	448	45	28	459	44	45	204	20	56	791	25
140	Vermont & Wilshire	105	1,353	62	83	697	73	37	1,109	138	125	556	178
141	Alvarado & Wilshire	109	737	41	91	604	63	95	728	23	38	512	76
142	Vermont & 8th	107	1,399	63	77	521	35	74	1,181	105	92	406	51
143	Alvarado & 8th	70	684	82	105	481	58	123	661	52	37	437	59
144	Western & Olympic	95	772	199	140	750	115	101	936	99	34	917	89
145	Normandie & Olympic	95	547	72	46	1,140	88	112	547	121	90	1,246	63
146	Vermont & Olympic	181	1,135	141	111	820	110	88	1,136	94	87	1,040	146
147	Alvarado & Olympic	128	599	109	84	820	113	321	613	69	92	1,025	99
148	Union & Olympic	96	415	64	75	827	159	22	477	78	50	1,279	55
149	Western & Pico	79	962	73	82	488	92	92	984	89	92	552	94
150	Normandie & Pico	55	717	39	59	531	108	149	674	48	69	538	36
151	Vermont & Pico	97	1,149	108	70	666	60	165	1,208	88	72	593	77
152	Alvarado & Pico	161	584	142	113	681	89	385	676	17	35	606	274
153	Pico & Union	104	472	46	49	783	54	36	464	62	55	1,074	54
154	Hoover & Alvarado	0	619	0	14	0	624	960	663	0	0	0	0
155	Western & Venice	56	872	51	51	384	87	72	1,028	76	52	504	61
156	Normandie & Venice	68	840	29	43	346	25	37	764	74	104	481	59

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157	Vermont & Venice	80	1,182	73	66	339	58	124	1,279	46	41	483	76
158	Hoover & Venice	109	1,059	54	62	235	122	104	1,415	52	115	363	174
159	Western & Washington	45	1,055	75	90	384	101	94	1,169	76	97	541	74
160	Normandie & Washington	60	853	69	58	336	82	133	853	127	128	546	37
161	Vermont & Washington	49	1,169	68	86	463	104	114	1,236	69	40	553	97
162	Hoover & Washington	155	960	164	101	432	53	49	1,308	65	54	553	143
163	I-10 WB Ramp & 20th	0	0	0	0	40	588	338	0	44	22	43	0
164	Vermont & I-10 EB Ramps	0	783	497	0	0	0	213	1,028	0	307	0	448
165	I-10 EB Ramp & Hoover	0	731	262	0	0	0	281	735	0	243	0	796
166	Hill & Venice	19	312	16	171	439	13	17	861	32	45	183	59
167	Broadway & Venice	11	337	9	14	522	26	10	439	86	50	163	19
168	Main & Venice	38	327	10	14	505	6	8	336	26	32	112	25
169	Los Angeles & Venice	19	250	9	33	495	217	9	239	12	23	72	24
170	San Pedro & Venice	128	400	0	280	718	187	0	219	69	55	0	37
171	Central & Venice	173	463	0	178	351	201	0	404	165	0	0	0
172	Central & Washington	61	430	60	74	395	56	29	732	99	85	326	99
173	Wilton Place (ext. of Arlington) & Wilshire	110	587	30	52	788	101	53	660	64	43	740	127
174	Arlington & Olympic	106	522	82	52	748	46	69	520	61	70	1,086	101
175	Arlington & Pico	77	508	62	61	506	59	56	575	95	92	594	80
176	Arlington & Venice	49	605	29	33	428	56	46	650	50	74	515	35
177	Arlington & Washington	35	716	16	55	464	111	110	628	50	71	551	63
178													
179													
180													
181													
182													
183													

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Peak Hour Traffic Volumes

Existing Plus Project (2011)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	13	2	8	113	677	60	133	28	11	120	1,218	260
2	Francisco & Olympic	34	3	4	226	830	264	11	2	9	124	1,114	131
3	Figueroa & Olympic	0	0	0	283	1,121	60	84	520	198	387	501	247
4	Flower & Olympic	540	379	107	0	879	193	0	0	0	68	501	0
5	Grand & Olympic	134	285	27	0	783	44	0	0	0	84	411	0
6	Olive & Olympic	0	0	0	14	529	0	107	215	298	0	399	51
7	Hill & Olympic	70	151	26	36	466	22	17	68	15	23	358	39
8	Broadway & Olympic	69	226	73	51	440	30	37	248	22	14	355	33
9	Main & Olympic	158	269	44	38	328	22	60	250	26	27	383	52
10	Los Angeles & Olympic	75	222	93	52	289	36	85	188	33	64	349	48
11	Santee & Olympic	116	64	17	30	214	22	67	65	30	103	382	34
12	Maple & Olympic	75	190	38	37	138	14	62	169	54	133	255	68
13	Maple & 9th	41	142	22	63	235	88	89	157	18	103	351	23
14	San Pedro & 9th	55	252	36	69	345	89	94	337	67	66	217	48
15	LA Live Way & Chick Hearn Ct	0	0	0	5	41	0	0	297	0	143	182	82
16	Figueroa & 11th	0	442	3	96	0	56	17	697	0	0	0	0
17	Flower & 11th	187	266	0	0	103	14	0	0	0	20	0	0
18	Grand & 11th	53	349	0	0	155	310	0	0	0	0	0	0
19	Olive & 11th	0	0	0	81	107	0	0	648	355	0	0	0
20	Figueroa & 12th	0	456	9	13	0	10	8	696	2	1	1	0
21	Flower & 12th	24	221	57	0	0	0	0	0	0	1	17	0
22	Grand & 12th	0	315	50	0	0	0	0	0	0	29	50	0
23	Olive & 12th	0	0	0	0	0	0	11	1,048	0	0	61	36
24	LA Live Way & Pico	174	0	0	94	330	0	497	701	670	0	432	0
25	LA Live Way & Bond	0	0	0	0	2	0	0	2,004	79	0	0	2
26	Figueroa & Pico	15	453	14	38	309	43	120	574	106	125	681	82
27	Flower & Pico	77	143	2	0	331	13	0	0	0	99	709	0
28	Grand & Pico	67	256	11	0	424	14	0	0	0	36	423	0
29	Olive & Pico	0	0	0	63	243	0	95	987	192	0	310	127
30	Hill & Pico	21	151	8	64	283	19	11	779	38	16	247	55
31	Broadway & Pico	32	202	11	20	218	16	24	291	113	22	217	40
32	Main & Pico	44	215	15	52	228	8	38	245	25	34	156	48
33	Blaine & Olympic	2	51	8	15	577	118	415	1	139	115	1,024	2
34	Blaine & SR 110 SB Off-Ramps	0	292	0	556	0	985	0	0	0	0	0	0
35	Blaine & 11th	48	843	391	0	39	0	0	0	0	150	0	0
36	Convention Center Drive & Venice	23	0	70	475	282	0	0	0	0	0	480	42

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37	Figueroa & Venice	246	324	13	142	247	27	43	635	110	143	315	58
38	Flower & Venice	32	210	10	0	387	21	0	0	0	56	314	0
39	Grand & Venice	36	266	26	0	383	14	0	0	0	67	283	0
40	Olive & Venice	0	0	0	167	233	0	24	1,116	164	0	257	47
41	Grand & 17th	168	182	0	0	595	83	0	0	0	0	0	0
42	Olive & 17th	0	0	0	1,102	517	0	0	957	164	0	0	0
43	Hill & 17th	81	130	0	364	1,515	27	0	478	60	0	0	0
44	Broadway & 17th	58	266	0	143	1,788	71	0	318	68	0	0	0
45	Main & 17th	73	204	0	27	1,836	43	0	247	51	0	0	0
46	Los Angeles & 17th	284	226	0	277	1,600	47	0	105	19	0	0	0
47	Flower & 18th	0	116	6	0	0	0	0	0	0	6	74	0
48	Grand & 18th	0	177	109	0	0	0	123	0	0	111	589	0
49	Olive & 18th	0	0	0	0	0	0	14	623	0	0	334	493
50	Hill & 18th	0	121	35	0	0	0	18	396	0	31	286	140
51	Broadway & 18th	0	296	39	0	0	0	26	354	0	20	289	26
52	Main & 18th	0	221	30	0	0	0	75	274	0	26	202	32
53	Los Angeles & 18th	0	103	3	0	0	0	2	146	0	11	21	275
54	Figueroa & Washington	77	216	53	129	532	75	91	738	91	64	371	108
55	Flower & Washington	38	73	9	0	616	10	0	0	0	70	454	0
56	Grand & Washington	57	100	35	7	478	8	48	110	25	10	453	0
57	Olive & Washington	0	0	0	81	421	78	2	456	23	4	435	110
58	Hill & Washington	25	85	31	63	428	10	21	294	9	2	82	58
59	Broadway & Washington	93	186	32	51	392	35	53	328	20	7	119	5
60	Main & Washington	23	186	36	31	445	27	55	297	45	29	380	17
61	Los Angeles & Washington	42	71	36	53	387	7	15	68	6	11	314	36
62	San Pedro & Washington	41	376	43	33	363	53	38	569	84	55	308	116
63	Figueroa & Adams	82	572	95	228	471	155	77	670	148	134	233	107
64	Flower & Adams	24	80	0	84	842	0	0	0	0	145	295	0
65	I-110 NB Off General & Adams	509	0	275	0	380	0	356	0	296	0	294	0
66	Grand & Adams	35	60	31	22	329	28	30	48	14	16	1,025	121
67	Hill & Adams	19	84	21	48	331	13	37	367	20	34	515	534
68	Broadway & Adams	23	219	14	24	350	29	18	239	26	33	416	124
69	Main & Adams	19	214	28	38	313	37	48	345	53	33	361	42
70	Flower & Jefferson	24	170	25	0	411	50	0	0	0	163	261	0
71	Figueroa & Exposition	69	641	198	341	434	63	34	1,040	149	107	287	134
72	Flower & 37th Street	0	144	282	0	0	0	35	0	0	42	406	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	75	0	0	98	381	0	0	79	292
74	Hill & 37th Street	14	59	3	0	17	2	3	296	10	10	25	79
75	Broadway & 37th	3	314	3	1	1	1	0	293	8	16	7	12
76	Figueroa & 39th	117	371	44	115	17	70	29	345	56	11	6	33

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77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	60	33	157	0	120	61	43	0
78	Figueroa & MLK	124	267	91	129	1,144	123	108	227	82	94	1,232	164
79	I-110 SB Ramps & MLK	504	0	250	0	1,000	220	0	0	0	543	908	0
80	I-110 NB Ramps/Hill & MLK	77	6	13	28	778	146	120	131	356	381	607	30
81	Georgia & James Wood	0	0	0	0	0	0	24	368	0	12	913	157
82	Francisco & 9th	0	0	11	0	0	0	0	0	0	0	1,844	506
83	Figueroa & 9th	0	0	0	0	0	0	113	841	0	0	1,068	750
84	Flower & 9th	0	615	131	0	0	0	0	0	0	363	841	0
85	Broadway & 9th	0	335	70	0	0	0	28	305	0	39	551	88
86	Bixel & 8th	45	546	0	105	416	272	0	0	0	0	0	0
87	Francisco & 8th	0	0	0	0	1,383	390	0	0	235	0	0	0
88	Figueroa & 8th	0	0	0	449	1,230	0	0	862	518	0	0	0
89	Flower & 8th	588	791	0	0	1,061	102	0	0	0	0	0	0
90	Hill & 8th	183	437	0	54	609	58	0	128	15	0	0	0
91	Broadway & 8th	74	399	0	95	600	19	0	352	43	0	0	0
92	Bixel & Wilshire	24	170	8	11	445	46	39	49	26	85	562	19
93	Figueroa & Wilshire	0	0	0	97	167	0	159	665	87	0	508	199
94	Lucas & 6th	73	247	176	7	231	6	8	80	21	22	405	72
95	Bixel & 6th	20	80	24	26	207	32	18	37	18	86	494	20
96	Figueroa & 6th	0	0	0	0	0	0	89	885	0	0	1,803	147
97	Flower & 6th	0	733	175	0	0	0	0	0	0	691	1,219	0
98	Grand & 6th	0	673	96	0	0	0	0	0	0	234	917	0
99	Hill & 6th	0	467	48	0	0	0	75	188	0	213	623	28
100	Spring & 6th	0	760	121	0	0	0	0	0	0	142	608	0
101	Main & 6th	0	0	0	0	0	0	94	451	0	0	518	184
102	Figueroa & 5th	0	0	0	219	693	0	0	689	399	0	0	0
103	Grand & 5th	175	539	0	40	699	232	0	0	0	0	0	0
104	Olive & 5th	100	0	0	38	619	0	0	284	232	0	0	0
105	Hill & 5th	193	495	0	62	399	26	0	175	37	0	0	0
106	Spring & 5th	187	673	0	0	248	156	0	0	0	0	0	0
107	Main & 5th	0	0	0	81	233	0	0	484	177	0	0	0
108	Figueroa & 2nd	22	181	33	14	100	26	75	381	55	141	199	34
109	Beaudry & 1st	58	129	31	32	157	31	45	160	45	30	240	26
110	Hope & 1st	22	433	131	65	200	33	55	100	16	84	354	64
111	Grand & 1st	59	667	61	114	229	111	14	56	19	160	282	81
112	Olive & 1st	0	0	0	0	286	24	162	0	80	33	373	0
113	Hill & 1st	76	594	55	22	232	16	23	139	19	41	275	76
114	Spring & 1st	42	653	10	2	161	22	0	0	0	25	236	32
115	Main & 1st	0	0	0	23	195	0	47	259	34	0	444	63
116	Hope & Temple/US-101 Ramps	45	491	201	116	276	51	78	77	24	67	373	133

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117	Main & Aliso	0	0	0	0	0	0	100	272	0	0	370	118
118	Los Angeles & Aliso	0	271	88	0	0	0	16	162	0	24	420	20
119	Grand & I-110 On-Ramp/US-101 Ramps	272	352	0	0	0	0	0	229	167	523	0	58
120	Beaudry & Sunset	57	58	32	23	766	68	87	45	165	71	619	24
121	Figueroa & Cesar Chavez	71	71	53	64	899	69	192	299	186	79	600	85
122	Grand & Cesar Chavez	14	123	7	38	780	224	79	36	233	276	536	20
123	Spring & Cesar Chavez	90	177	9	74	842	266	30	10	8	124	461	1
124	Main & Cesar Chavez	0	0	0	35	946	0	143	173	169	0	447	50
125	Alameda & Cesar Chavez	147	726	64	67	611	153	105	605	225	220	321	51
126	Main & Alpine	99	182	33	55	257	0	15	107	3	19	78	47
127	Alameda & Alpine	133	172	61	72	113	23	51	258	56	86	38	44
128	Hill & Alpine	35	846	95	132	118	50	62	254	31	24	148	34
129	Hill & College	51	912	225	109	150	36	81	330	31	39	178	83
130	Sunset & Elysian Park	0	656	589	84	0	75	706	590	0	0	0	0
131	Glendale & Bellevue	0	858	90	124	0	329	164	507	0	0	0	0
132	Glendale & Temple	151	621	90	91	294	34	16	400	46	257	266	233
133	Alvarado & US 101 NB Ramps	264	725	0	75	0	234	0	625	248	0	0	0
134	Alvarado & US 101 SB Ramps	0	745	177	0	0	0	229	636	0	235	10	203
135	Alvarado & Beverly	79	851	14	58	251	62	38	682	28	40	294	84
136	Vermont & 6th	104	1,083	79	89	384	94	63	1,007	60	93	466	144
137	Alvarado & 6th	119	723	52	51	383	52	92	613	49	62	436	54
138	Western & Wilshire	87	806	89	83	623	133	121	771	91	94	643	116
139	Normandie & Wilshire	75	424	40	16	392	34	39	183	19	54	729	25
140	Vermont & Wilshire	77	1,163	58	79	629	70	37	943	94	39	485	116
141	Alvarado & Wilshire	108	646	41	88	551	41	77	643	23	38	467	75
142	Vermont & 8th	95	1,192	50	70	394	35	73	1,020	98	85	294	39
143	Alvarado & 8th	68	559	82	102	332	57	122	563	51	37	285	57
144	Western & Olympic	94	668	188	134	599	110	91	814	98	34	769	88
145	Normandie & Olympic	72	520	68	43	957	80	107	517	79	71	1,097	52
146	Vermont & Olympic	168	948	128	100	653	108	86	987	78	68	895	139
147	Alvarado & Olympic	125	482	103	78	643	84	300	522	68	91	869	98
148	Union & Olympic	95	409	63	64	618	112	22	471	77	49	1,098	54
149	Western & Pico	74	856	72	81	395	91	91	862	88	91	474	84
150	Normandie & Pico	53	667	36	51	438	107	147	606	47	68	460	35
151	Vermont & Pico	95	944	107	69	566	59	164	1,044	87	71	513	75
152	Alvarado & Pico	155	445	141	112	585	88	369	571	17	35	530	267
153	Pico & Union	103	447	44	47	685	46	36	458	61	54	982	53
154	Hoover & Alvarado	0	596	0	14	0	483	841	586	0	0	0	0
155	Western & Venice	55	767	50	50	343	86	71	905	75	51	470	60
156	Normandie & Venice	67	789	29	42	305	25	37	695	73	103	447	58

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157	Vermont & Venice	79	976	72	65	298	57	123	1,114	45	41	449	75
158	Hoover & Venice	108	897	53	61	196	99	102	1,221	51	114	330	172
159	Western & Washington	44	948	74	89	300	100	93	1,045	75	96	462	73
160	Normandie & Washington	59	801	68	57	253	81	131	783	125	126	467	37
161	Vermont & Washington	48	963	67	85	378	103	113	1,072	68	40	474	96
162	Hoover & Washington	153	789	150	86	348	52	48	1,127	64	53	474	142
163	I-10 WB Ramp & 20th	0	0	0	0	40	487	281	0	43	22	42	0
164	Vermont & I-10 EB Ramps	0	702	441	0	0	0	210	905	0	246	0	382
165	I-10 EB Ramp & Hoover	0	633	258	0	0	0	278	638	0	222	0	740
166	Hill & Venice	13	130	10	168	424	13	17	778	32	45	178	59
167	Broadway & Venice	10	212	9	14	514	26	10	371	78	47	154	19
168	Main & Venice	36	206	10	14	499	6	8	221	26	32	104	25
169	Los Angeles & Venice	19	219	9	33	490	217	9	219	12	23	71	24
170	San Pedro & Venice	126	395	0	277	712	185	0	216	68	54	0	37
171	Central & Venice	171	411	0	176	345	199	0	370	163	0	0	0
172	Central & Washington	58	339	32	57	332	55	29	623	98	84	263	94
173	Wilton Place (ext. of Arlington) & Wilshire	109	580	30	51	717	100	52	652	63	42	673	125
174	Arlington & Olympic	105	516	81	51	597	45	68	514	60	69	936	100
175	Arlington & Pico	76	502	61	60	409	58	55	568	94	91	506	79
176	Arlington & Venice	48	598	29	33	386	55	45	642	49	73	480	35
177	Arlington & Washington	35	707	16	54	379	110	109	621	49	70	472	62
178													
179													
180													
181													
182													
183													

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday with Dodgers & Coliseum - Post-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

EXISTING CONDITIONS (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
Grand Avenue										
- North of 1st St.	70	10	45	35	638	6,380	0	0	66.8	65.9
- South of 1st St.	70	10	45	35	597	5,970	0	0	66.6	65.6
- North of 11th St.	70	10	45	35	333	3,330	0	0	64.0	63.0
- Between 11th and 12th St.	50	10	35	35	311	3,110	0	0	64.9	64.0
- Between 12th St. and Venice Ave.	50	10	35	35	350	3,500	0	0	65.4	64.5
- Between Venice Ave. and 17th St.	50	10	35	35	389	3,890	0	0	65.9	64.9
- Between 17th St. and Washington Ave.	50	10	35	35	251	2,510	0	0	64.0	63.0
- South of Washington Ave.	50	10	35	35	264	2,640	0	0	64.2	63.2
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	905	9,050	0	0	68.4	67.4
- Between 5th St. and Wilshire Blvd.	70	10	45	35	1,065	10,650	0	0	69.1	68.1
- Between Wilshire Blvd. and 9th St.	70	10	45	35	868	8,680	0	0	68.2	67.2
- Between 9th St. and Olympic Blvd.	70	10	45	35	777	7,770	0	0	67.7	66.7
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	961	9,610	0	0	68.6	67.7
- South of Pico Blvd.	70	10	45	35	1,106	11,060	0	0	69.2	68.3
Flower Street										
- North of 6th St.	70	10	45	35	382	3,820	0	0	64.6	63.6
- Between 6th St. and 8th St.	60	10	40	35	642	6,420	0	0	67.5	66.5
- Between 8th and Pico Blvd.	60	10	40	35	413	4,130	0	0	65.6	64.6
- South of Pico Blvd.	40	10	30	35	376	3,760	0	0	66.6	65.6
- South of 18th St.	40	10	30	35	148	1,480	0	0	62.5	61.5
Hope Street										
- North of 1st St.	60	10	40	35	535	5,350	0	0	66.7	65.7
- South of 1st St.	70	10	45	35	616	6,160	0	0	66.7	65.7
1st Street										

EXISTING CONDITIONS (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- Between Hope St. and Grand Ave.	80	10	50	35	805	8,050	0	0	67.5	66.5
2nd Street										
- West of Figueroa St.	80	10	50	35	577	5,770	0	0	66.0	65.0
- East of Figueroa St.	70	10	45	35	496	4,960	0	0	65.8	64.8
6th Street										
- West of Lucas Ave.	40	10	30	35	829	8,290	0	0	70.0	69.0
- Between Lucas Ave. & Bixel St.	40	10	30	35	725	7,250	0	0	69.4	68.4
- East of Bixel St.	40	10	30	35	677	6,770	0	0	69.1	68.1
- East of Flower St.	40	10	30	35	572	5,720	0	0	68.4	67.4
- West of Main St.	40	10	30	35	514	5,140	0	0	67.9	66.9
- East of Main St.	40	10	30	35	389	3,890	0	0	66.7	65.7
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	1,756	17,560	0	0	70.8	69.9
- Between Alvarado St. & Union Ave.	80	10	50	35	1,594	15,940	0	0	70.4	69.4
- Between Union Ave. & Blaine St.	80	10	50	35	1,342	13,420	0	0	69.7	68.7
- Between Blaine St. & Georgia St.	80	10	50	35	1,315	13,150	0	0	69.6	68.6
- Between George St. & Francisco St.	80	10	50	35	1,322	13,220	0	0	69.6	68.6
- Between Francisco St. & Figueroa St.	80	10	50	35	1,355	13,550	0	0	69.7	68.7
- Between Figueroa St. & Flower St.	70	10	45	35	1,229	12,290	0	0	69.7	68.7
- East of Flower St.	70	10	45	35	1,009	10,090	0	0	68.8	67.9
W. 11th Street										
- West of Blaine St.	40	10	30	35	340	3,400	0	0	66.1	65.1
- Between Blaine St. & LA Live Wy.	40	10	30	35	445	4,450	0	0	67.3	66.3
- East of LA Live Wy.	60	10	40	35	205	2,050	0	0	62.5	61.5
- West of Grand Ave.	40	10	30	35	188	1,880	0	0	63.5	62.6
- East of Grand Ave.	40	10	30	35	161	1,610	0	0	62.9	61.9
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,388	13,880	0	0	70.8	69.8
- Between Alvarado St. & Union Ave.	60	10	40	35	1,514	15,140	0	0	71.2	70.2
- Between Union Ave. & Figueroa St.	60	10	40	35	1,247	12,470	0	0	70.4	69.4
- Between Figueroa & Flower St.	70	10	45	35	886	8,860	0	0	68.3	67.3
- East of Hill St.	50	10	35	35	420	4,200	0	0	66.2	65.3
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	470	4,700	0	0	67.3	66.3
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	498	4,980	0	0	67.6	66.6
Venice Boulevard										
- East of Olive St.	40	10	30	35	305	3,050	0	0	65.6	64.7
W. 12th Street										

EXISTING CONDITIONS (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- West of Grand Ave.	40	10	30	35	74	740	0	0	59.5	58.5
E. 17th Street										
- West of Grand Ave.	40	10	30	35	622	6,220	0	0	68.7	67.8
W. 18th Street										
- West of Flower St.	40	10	30	35	36	360	0	0	56.4	55.4
- West of Grand Ave.	40	10	30	35	31	310	0	0	55.7	54.7
Washington Boulevard										
- West of Flower St.	80	10	50	35	926	9,260	0	0	68.1	67.1
- Between Flower St. & Grand Ave.	80	10	50	35	774	7,740	0	0	67.3	66.3
- Between Grand Ave. & Los Angeles St.	80	10	50	35	669	6,690	0	0	66.7	65.7
- East of Los Angeles St.	80	10	50	35	620	6,200	0	0	66.3	65.3
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	337	3,370	0	0	64.1	63.1
- East of I-110 Fwy.	50	10	35	35	202	2,020	0	0	63.1	62.1
Alvarado Street										
- North of 8th St.	60	10	40	35	1,697	16,970	0	0	71.7	70.7
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,573	15,730	0	0	71.4	70.4
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,458	14,580	0	0	71.0	70.1
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,340	13,400	0	0	70.7	69.7
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,275	12,750	0	0	71.7	70.7
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,252	12,520	0	0	71.6	70.6
- South of Pico Blvd.	40	10	30	30	1,192	11,920	0	0	71.4	70.4
Lucas Ave.										
- North of 6th St.	40	10	30	30	345	3,450	0	0	66.0	65.0
- South of 6th St.	40	10	30	30	240	2,400	0	0	64.4	63.4
Bixel Street										
- North of 8th St.	40	10	30	30	212	2,120	0	0	63.9	62.9
- Between 8th St. & Wilshire Blvd.	40	10	30	30	271	2,710	0	0	64.9	64.0
- Between Wilshire Blvd. & 6th St.	40	10	30	30	619	6,190	0	0	68.5	67.5
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,292	12,920	0	0	71.1	70.1
- Between Flower St. & Grand Ave.	50	10	35	35	972	9,720	0	0	69.9	68.9
- Between Grand Ave. and Main St.	50	10	35	35	774	7,740	0	0	68.9	67.9
- East of Main St.	50	10	35	35	739	7,390	0	0	68.7	67.7
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	970	9,700	0	0	69.9	68.9
- Between Bixel St. & Figueroa St.	50	10	35	35	841	8,410	0	0	69.2	68.3

EXISTING CONDITIONS (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	600	6,000	0	0	67.8	66.8

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday with Dodgers & Coliseum - Post-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
Grand Avenue										
- North of 1st St.	70	10	45	35	1,038	10,380	0	0	69.0	68.0
- South of 1st St.	70	10	45	35	1,078	10,780	0	0	69.1	68.2
- North of 11th St.	70	10	45	35	707	7,070	0	0	67.3	66.3
- Between 11th and 12th St.	50	10	35	35	788	7,880	0	0	69.0	68.0
- Between 12th St. and Venice Ave.	50	10	35	35	818	8,180	0	0	69.1	68.2
- Between Venice Ave. and 17th St.	50	10	35	35	824	8,240	0	0	69.2	68.2
- Between 17th St. and Washington Ave.	50	10	35	35	426	4,260	0	0	66.3	65.3
- South of Washington Ave.	50	10	35	35	395	3,950	0	0	66.0	65.0
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	1,182	11,820	0	0	69.5	68.6
- Between 5th St. and Wilshire Blvd.	70	10	45	35	1,570	15,700	0	0	70.8	69.8
- Between Wilshire Blvd. and 9th St.	70	10	45	35	1,392	13,920	0	0	70.2	69.3
- Between 9th St. and Olympic Blvd.	70	10	45	35	1,381	13,810	0	0	70.2	69.2
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	1,602	16,020	0	0	70.8	69.9
- South of Pico Blvd.	70	10	45	35	1,629	16,290	0	0	70.9	69.9
Flower Street										
- North of 6th St.	70	10	45	35	640	6,400	0	0	66.9	65.9
- Between 6th St. and 8th St.	60	10	40	35	1,051	10,510	0	0	69.6	68.6
- Between 8th and Pico Blvd.	60	10	40	35	859	8,590	0	0	68.7	67.8
- South of Pico Blvd.	40	10	30	35	807	8,070	0	0	69.9	68.9
- South of 18th St.	40	10	30	35	492	4,920	0	0	67.7	66.7
Hope Street										
- North of 1st St.	60	10	40	35	711	7,110	0	0	67.9	66.9
- South of 1st St.	70	10	45	35	742	7,420	0	0	67.5	66.5
1st Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- Between Hope St. and Grand Ave.	80	10	50	35	1,317	13,170	0	0	69.6	68.6
2nd Street										
- West of Figueroa St.	80	10	50	35	642	6,420	0	0	66.5	65.5
- East of Figueroa St.	70	10	45	35	551	5,510	0	0	66.2	65.2
6th Street										
- West of Lucas Ave.	40	10	30	35	1,208	12,080	0	0	71.6	70.6
- Between Lucas Ave. & Bixel St.	40	10	30	35	1,250	12,500	0	0	71.8	70.8
- East of Bixel St.	40	10	30	35	1,232	12,320	0	0	71.7	70.7
- East of Flower St.	40	10	30	35	851	8,510	0	0	70.1	69.1
- West of Main St.	40	10	30	35	750	7,500	0	0	69.6	68.6
- East of Main St.	40	10	30	35	560	5,600	0	0	68.3	67.3
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	2,107	21,070	0	0	71.6	70.7
- Between Alvarado St. & Union Ave.	80	10	50	35	2,014	20,140	0	0	71.4	70.5
- Between Union Ave. & Blaine St.	80	10	50	35	1,761	17,610	0	0	70.9	69.9
- Between Blaine St. & Georgia St.	80	10	50	35	1,841	18,410	0	0	71.1	70.1
- Between George St. & Francisco St.	80	10	50	35	1,773	17,730	0	0	70.9	69.9
- Between Francisco St. & Figueroa St.	80	10	50	35	1,880	18,800	0	0	71.1	70.2
- Between Figueroa St. & Flower St.	70	10	45	35	1,747	17,470	0	0	71.2	70.2
- East of Flower St.	70	10	45	35	1,505	15,050	0	0	70.6	69.6
W. 11th Street										
- West of Blaine St.	40	10	30	35	355	3,550	0	0	66.3	65.3
- Between Blaine St. & LA Live Wy.	40	10	30	35	595	5,950	0	0	68.5	67.6
- East of LA Live Wy.	60	10	40	35	376	3,760	0	0	65.2	64.2
- West of Grand Ave.	40	10	30	35	504	5,040	0	0	67.8	66.8
- East of Grand Ave.	40	10	30	35	581	5,810	0	0	68.4	67.5
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,571	15,710	0	0	71.4	70.4
- Between Alvarado St. & Union Ave.	60	10	40	35	1,707	17,070	0	0	71.7	70.7
- Between Union Ave. & Figueroa St.	60	10	40	35	1,474	14,740	0	0	71.1	70.1
- Between Figueroa & Flower St.	70	10	45	35	1,113	11,130	0	0	69.3	68.3
- East of Hill St.	50	10	35	35	555	5,550	0	0	67.4	66.5
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	622	6,220	0	0	68.5	67.6
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	626	6,260	0	0	68.6	67.6
Venice Boulevard										
- East of Olive St.	40	10	30	35	343	3,430	0	0	66.2	65.2
W. 12th Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- West of Grand Ave.	40	10	30	35	278	2,780	0	0	65.2	64.3
E. 17th Street										
- West of Grand Ave.	40	10	30	35	977	9,770	0	0	70.7	69.7
W. 18th Street										
- West of Flower St.	40	10	30	35	65	650	0	0	58.9	58.0
- West of Grand Ave.	40	10	30	35	60	600	0	0	58.6	57.6
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,061	10,610	0	0	68.7	67.7
- Between Flower St. & Grand Ave.	80	10	50	35	930	9,300	0	0	68.1	67.1
- Between Grand Ave. & Los Angeles St.	80	10	50	35	825	8,250	0	0	67.6	66.6
- East of Los Angeles St.	80	10	50	35	766	7,660	0	0	67.2	66.3
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	386	3,860	0	0	64.7	63.7
- East of I-110 Fwy.	50	10	35	35	204	2,040	0	0	63.1	62.1
Alvarado Street										
- North of 8th St.	60	10	40	35	1,932	19,320	0	0	72.3	71.3
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,803	18,030	0	0	72.0	71.0
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,735	17,350	0	0	71.8	70.8
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,533	15,330	0	0	71.3	70.3
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,305	13,050	0	0	71.8	70.8
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,269	12,690	0	0	71.6	70.7
- South of Pico Blvd.	40	10	30	30	1,215	12,150	0	0	71.4	70.5
Lucas Ave.										
- North of 6th St.	40	10	30	30	582	5,820	0	0	68.2	67.3
- South of 6th St.	40	10	30	30	438	4,380	0	0	67.0	66.0
Bixel Street										
- North of 8th St.	40	10	30	30	282	2,820	0	0	65.1	64.1
- Between 8th St. & Wilshire Blvd.	40	10	30	30	373	3,730	0	0	66.3	65.3
- Between Wilshire Blvd. & 6th St.	40	10	30	30	759	7,590	0	0	69.4	68.4
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,405	14,050	0	0	71.5	70.5
- Between Flower St. & Grand Ave.	50	10	35	35	1,091	10,910	0	0	70.4	69.4
- Between Grand Ave. and Main St.	50	10	35	35	895	8,950	0	0	69.5	68.5
- East of Main St.	50	10	35	35	827	8,270	0	0	69.2	68.2
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	1,252	12,520	0	0	71.0	70.0
- Between Bixel St. & Figueroa St.	50	10	35	35	1,127	11,270	0	0	70.5	69.5

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	765	7,650	0	0	68.8	67.9

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday with Dodgers & Coliseum - Post-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
Grand Avenue										
- North of 1st St.	70	10	45	35	1,656	16,560	0	0	71.0	70.0
- South of 1st St.	70	10	45	35	1,077	10,770	0	0	69.1	68.1
- North of 11th St.	70	10	45	35	867	8,670	0	0	68.2	67.2
- Between 11th and 12th St.	50	10	35	35	1,285	12,850	0	0	71.1	70.1
- Between 12th St. and Venice Ave.	50	10	35	35	1,806	18,060	0	0	72.6	71.6
- Between Venice Ave. and 17th St.	50	10	35	35	2,218	22,180	0	0	73.5	72.5
- Between 17th St. and Washington Ave.	50	10	35	35	1,349	13,490	0	0	71.3	70.3
- South of Washington Ave.	50	10	35	35	754	7,540	0	0	68.8	67.8
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	2,311	23,110	0	0	72.4	71.5
- Between 5th St. and Wilshire Blvd.	70	10	45	35	3,107	31,070	0	0	73.7	72.7
- Between Wilshire Blvd. and 9th St.	70	10	45	35	2,528	25,280	0	0	72.8	71.9
- Between 9th St. and Olympic Blvd.	70	10	45	35	1,563	15,630	0	0	70.7	69.8
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	1,663	16,630	0	0	71.0	70.0
- South of Pico Blvd.	70	10	45	35	1,843	18,430	0	0	71.5	70.5
Flower Street										
- North of 6th St.	70	10	45	35	660	6,600	0	0	67.0	66.0
- Between 6th St. and 8th St.	60	10	40	35	1,231	12,310	0	0	70.3	69.3
- Between 8th and Pico Blvd.	60	10	40	35	1,039	10,390	0	0	69.6	68.6
- South of Pico Blvd.	40	10	30	35	1,297	12,970	0	0	71.9	71.0
- South of 18th St.	40	10	30	35	800	8,000	0	0	69.8	68.9
Hope Street										
- North of 1st St.	60	10	40	35	1,179	11,790	0	0	70.1	69.1
- South of 1st St.	70	10	45	35	802	8,020	0	0	67.8	66.9
1st Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- Between Hope St. and Grand Ave.	80	10	50	35	1,508	15,080	0	0	70.2	69.2
2nd Street										
- West of Figueroa St.	80	10	50	35	1,162	11,620	0	0	69.1	68.1
- East of Figueroa St.	70	10	45	35	618	6,180	0	0	66.7	65.7
6th Street										
- West of Lucas Ave.	40	10	30	35	1,233	12,330	0	0	71.7	70.7
- Between Lucas Ave. & Bixel St.	40	10	30	35	1,275	12,750	0	0	71.9	70.9
- East of Bixel St.	40	10	30	35	1,290	12,900	0	0	71.9	70.9
- East of Flower St.	40	10	30	35	1,122	11,220	0	0	71.3	70.3
- West of Main St.	40	10	30	35	1,035	10,350	0	0	70.9	70.0
- East of Main St.	40	10	30	35	569	5,690	0	0	68.4	67.4
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	2,410	24,100	0	0	72.2	71.2
- Between Alvarado St. & Union Ave.	80	10	50	35	2,340	23,400	0	0	72.1	71.1
- Between Union Ave. & Blaine St.	80	10	50	35	2,097	20,970	0	0	71.6	70.6
- Between Blaine St. & Georgia St.	80	10	50	35	2,504	25,040	0	0	72.4	71.4
- Between George St. & Francisco St.	80	10	50	35	2,339	23,390	0	0	72.1	71.1
- Between Francisco St. & Figueroa St.	80	10	50	35	2,792	27,920	0	0	72.9	71.9
- Between Figueroa St. & Flower St.	70	10	45	35	2,484	24,840	0	0	72.8	71.8
- East of Flower St.	70	10	45	35	1,854	18,540	0	0	71.5	70.5
W. 11th Street										
- West of Blaine St.	40	10	30	35	178	1,780	0	0	63.3	62.3
- Between Blaine St. & LA Live Wy.	40	10	30	35	1,308	13,080	0	0	72.0	71.0
- East of LA Live Wy.	60	10	40	35	427	4,270	0	0	65.7	64.7
- West of Grand Ave.	40	10	30	35	343	3,430	0	0	66.2	65.2
- East of Grand Ave.	40	10	30	35	535	5,350	0	0	68.1	67.1
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,768	17,680	0	0	71.9	70.9
- Between Alvarado St. & Union Ave.	60	10	40	35	2,178	21,780	0	0	72.8	71.8
- Between Union Ave. & Figueroa St.	60	10	40	35	1,847	18,470	0	0	72.1	71.1
- Between Figueroa & Flower St.	70	10	45	35	1,411	14,110	0	0	70.3	69.3
- East of Hill St.	50	10	35	35	676	6,760	0	0	68.3	67.3
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	941	9,410	0	0	70.3	69.4
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	776	7,760	0	0	69.5	68.5
Venice Boulevard										
- East of Olive St.	40	10	30	35	1,407	14,070	0	0	72.3	71.3
W. 12th Street										

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
- West of Grand Ave.	40	10	30	35	416	4,160	0	0	67.0	66.0
E. 17th Street										
- West of Grand Ave.	40	10	30	35	1,617	16,170	0	0	72.9	71.9
W. 18th Street										
- West of Flower St.	40	10	30	35	309	3,090	0	0	65.7	64.7
- West of Grand Ave.	40	10	30	35	304	3,040	0	0	65.6	64.7
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,885	18,850	0	0	71.2	70.2
- Between Flower St. & Grand Ave.	80	10	50	35	1,703	17,030	0	0	70.7	69.7
- Between Grand Ave. & Los Angeles St.	80	10	50	35	1,293	12,930	0	0	69.5	68.5
- East of Los Angeles St.	80	10	50	35	1,183	11,830	0	0	69.1	68.2
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	491	4,910	0	0	65.7	64.7
- East of I-110 Fwy.	50	10	35	35	355	3,550	0	0	65.5	64.5
Alvarado Street										
- North of 8th St.	60	10	40	35	2,053	20,530	0	0	72.5	71.5
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,985	19,850	0	0	72.4	71.4
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,992	19,920	0	0	72.4	71.4
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,715	17,150	0	0	71.7	70.8
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,305	13,050	0	0	71.8	70.8
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,331	13,310	0	0	71.8	70.9
- South of Pico Blvd.	40	10	30	30	1,271	12,710	0	0	71.6	70.7
Lucas Ave.										
- North of 6th St.	40	10	30	30	644	6,440	0	0	68.7	67.7
- South of 6th St.	40	10	30	30	500	5,000	0	0	67.6	66.6
Bixel Street										
- North of 8th St.	40	10	30	30	282	2,820	0	0	65.1	64.1
- Between 8th St. & Wilshire Blvd.	40	10	30	30	406	4,060	0	0	66.7	65.7
- Between Wilshire Blvd. & 6th St.	40	10	30	30	853	8,530	0	0	69.9	68.9
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,417	14,170	0	0	71.5	70.5
- Between Flower St. & Grand Ave.	50	10	35	35	1,200	12,000	0	0	70.8	69.8
- Between Grand Ave. and Main St.	50	10	35	35	927	9,270	0	0	69.7	68.7
- East of Main St.	50	10	35	35	827	8,270	0	0	69.2	68.2
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	1,326	13,260	0	0	71.2	70.2
- Between Bixel St. & Figueroa St.	50	10	35	35	1,261	12,610	0	0	71.0	70.0

FUTURE WITHOUT PROJECT (2038)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	947	9,470	0	0	69.8	68.8

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

Project: Convention Center Modernization & Farmers Field EIR

Scenario: Sunday with Dodgers & Coliseum - Post-Event

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
Grand Avenue										
- North of 1st St.	70	10	45	35	1,256	12,560	0	0	69.8	68.8
- South of 1st St.	70	10	45	35	596	5,960	0	0	66.6	65.6
- North of 11th St.	70	10	45	35	493	4,930	0	0	65.7	64.8
- Between 11th and 12th St.	50	10	35	35	809	8,090	0	0	69.1	68.1
- Between 12th St. and Venice Ave.	50	10	35	35	1,339	13,390	0	0	71.3	70.3
- Between Venice Ave. and 17th St.	50	10	35	35	1,783	17,830	0	0	72.5	71.5
- Between 17th St. and Washington Ave.	50	10	35	35	1,173	11,730	0	0	70.7	69.7
- South of Washington Ave.	50	10	35	35	623	6,230	0	0	67.9	67.0
Figueroa Street										
- Between 2nd St. and 5th St.	70	10	45	35	2,034	20,340	0	0	71.9	70.9
- Between 5th St. and Wilshire Blvd.	70	10	45	35	2,602	26,020	0	0	73.0	72.0
- Between Wilshire Blvd. and 9th St.	70	10	45	35	2,004	20,040	0	0	71.8	70.8
- Between 9th St. and Olympic Blvd.	70	10	45	35	958	9,580	0	0	68.6	67.6
- Between Olympic Blvd. and Pico Blvd.	70	10	45	35	1,052	10,520	0	0	69.0	68.0
- South of Pico Blvd.	70	10	45	35	1,332	13,320	0	0	70.0	69.1
Flower Street										
- North of 6th St.	70	10	45	35	402	4,020	0	0	64.8	63.9
- Between 6th St. and 8th St.	60	10	40	35	823	8,230	0	0	68.6	67.6
- Between 8th and Pico Blvd.	60	10	40	35	593	5,930	0	0	67.1	66.2
- South of Pico Blvd.	40	10	30	35	866	8,660	0	0	70.2	69.2
- South of 18th St.	40	10	30	35	456	4,560	0	0	67.4	66.4
Hope Street										
- North of 1st St.	60	10	40	35	1,003	10,030	0	0	69.4	68.4
- South of 1st St.	70	10	45	35	676	6,760	0	0	67.1	66.1
1st Street										

EXISTING PLUS PROJECT (2011)

EXISTING PLUS PROJECT (2011)										
Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- Between Hope St. and Grand Ave.	80	10	50	35	996	9,960	0	0	68.4	67.4
2nd Street										
- West of Figueroa St.	80	10	50	35	1,097	10,970	0	0	68.8	67.8
- East of Figueroa St.	70	10	45	35	563	5,630	0	0	66.3	65.3
6th Street										
- West of Lucas Ave.	40	10	30	35	854	8,540	0	0	70.1	69.1
- Between Lucas Ave. & Bixel St.	40	10	30	35	750	7,500	0	0	69.6	68.6
- East of Bixel St.	40	10	30	35	735	7,350	0	0	69.5	68.5
- East of Flower St.	40	10	30	35	843	8,430	0	0	70.1	69.1
- West of Main St.	40	10	30	35	799	7,990	0	0	69.8	68.8
- East of Main St.	40	10	30	35	398	3,980	0	0	66.8	65.8
Olympic Boulevard										
- West of Alvarado St.	80	10	50	35	2,059	20,590	0	0	71.5	70.6
- Between Alvarado St. & Union Ave.	80	10	50	35	1,920	19,200	0	0	71.2	70.3
- Between Union Ave. & Blaine St.	80	10	50	35	1,678	16,780	0	0	70.6	69.7
- Beween Blanine St. & Georgia St.	80	10	50	35	1,978	19,780	0	0	71.4	70.4
- Between George St. & Francisco St.	80	10	50	35	1,882	18,820	0	0	71.1	70.2
- Between Francisco St. & Figueroa St.	80	10	50	35	2,048	20,480	0	0	71.5	70.5
- Between Figueroa St. & Flower St.	70	10	45	35	1,886	18,860	0	0	71.6	70.6
- East of Flower St.	70	10	45	35	1,300	13,000	0	0	69.9	69.0
W. 11th Street										
- West of Blaine St.	40	10	30	35	176	1,760	0	0	63.3	62.3
- Between Blaine St. & LA Live Wy.	40	10	30	35	1,258	12,580	0	0	71.8	70.8
- East of LA Live Wy.	60	10	40	35	390	3,900	0	0	65.3	64.3
- West of Grand Ave.	40	10	30	35	91	910	0	0	60.4	59.4
- East of Grand Ave.	40	10	30	35	179	1,790	0	0	63.3	62.4
Pico Boulevard										
- West of Alvarado St.	60	10	40	35	1,585	15,850	0	0	71.4	70.4
- Between Alvarado St.& Union Ave.	60	10	40	35	1,985	19,850	0	0	72.4	71.4
- Between Union Ave. & Figueroa St.	60	10	40	35	1,620	16,200	0	0	71.5	70.5
- Between Figueroa & Flower St.	70	10	45	35	1,137	11,370	0	0	69.4	68.4
- East of Hill St.	50	10	35	35	541	5,410	0	0	67.3	66.4
Blaine Street										
- North of I-110 SB Off-Ramp	40	10	30	30	789	7,890	0	0	69.6	68.6
- Between I-110 SB Off-Ramp & 11th St.	40	10	30	30	648	6,480	0	0	68.7	67.7
Venice Boulevard										
- East of Olive St.	40	10	30	35	1,369	13,690	0	0	72.2	71.2
W. 12th Street										

EXISTING PLUS PROJECT (2011)

EXISTING PLUS PROJECT (2011)										
Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- West of Grand Ave.	40	10	30	35	212	2,120	0	0	64.1	63.1
E. 17th Street										
- West of Grand Ave.	40	10	30	35	1,262	12,620	0	0	71.8	70.8
W. 18th Street										
- West of Flower St.	40	10	30	35	280	2,800	0	0	65.3	64.3
- West of Grand Ave.	40	10	30	35	275	2,750	0	0	65.2	64.2
Washington Boulevard										
- West of Flower St.	80	10	50	35	1,750	17,500	0	0	70.8	69.9
- Between Flower St. & Grand Ave.	80	10	50	35	1,547	15,470	0	0	70.3	69.3
- Between Grand Ave. & Los Angeles St.	80	10	50	35	1,137	11,370	0	0	69.0	68.0
- East of Los Angeles St.	80	10	50	35	1,037	10,370	0	0	68.6	67.6
W. 39th Street										
- West of I-110 Fwy.	70	10	45	35	442	4,420	0	0	65.3	64.3
- East of I-110 Fwy.	50	10	35	35	353	3,530	0	0	65.5	64.5
Alvarado Street										
- North of 8th St.	60	10	40	35	1,818	18,180	0	0	72.0	71.0
- Between 8th St. & Olympic Blvd.	60	10	40	35	1,756	17,560	0	0	71.8	70.9
- Between Olympic Blvd. & Pico Blvd.	60	10	40	35	1,715	17,150	0	0	71.7	70.8
- Between Pico Blvd. & Hoover St.	60	10	40	35	1,522	15,220	0	0	71.2	70.2
Union Avenue										
- North of Olympic Blvd.	40	10	30	30	1,275	12,750	0	0	71.7	70.7
- Between Olympic Blvd. & Pico Blvd.	40	10	30	30	1,307	13,070	0	0	71.8	70.8
- South of Pico Blvd.	40	10	30	30	1,234	12,340	0	0	71.5	70.5
Lucas Ave.										
- North of 6th St.	40	10	30	30	407	4,070	0	0	66.7	65.7
- South of 6th St.	40	10	30	30	302	3,020	0	0	65.4	64.4
Bixel Street										
- North of 8th St.	40	10	30	30	212	2,120	0	0	63.9	62.9
- Between 8th St. & Wilshire Blvd.	40	10	30	30	304	3,040	0	0	65.4	64.5
- Between Wilshire Blvd. & 6th St.	40	10	30	30	713	7,130	0	0	69.1	68.2
Adams Boulevard										
- West of Flower St.	50	10	35	35	1,304	13,040	0	0	71.2	70.2
- Between Flower St. & Grand Ave.	50	10	35	35	1,081	10,810	0	0	70.3	69.4
- Between Grand Ave. and Main St.	50	10	35	35	806	8,060	0	0	69.1	68.1
- East of Main St.	50	10	35	35	739	7,390	0	0	68.7	67.7
Wilshire Boulevard										
- West of Bixel St.	50	10	35	35	1,044	10,440	0	0	70.2	69.2
- Between Bixel St. & Figueroa St.	50	10	35	35	975	9,750	0	0	69.9	68.9

EXISTING PLUS PROJECT (2011)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		Barrier Atten.	Site Adjust., dBA	Peak Hour, Leq**	24-Hour CNEL
					PHV	ADT				
- East of Figueroa St.	50	10	35	35	782	7,820	0	0	68.9	68.0

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

Existing (2011)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	16	2	18	105	622	39	44	40	14	18	486	123
2	Francisco & Olympic	28	7	15	24	729	35	17	6	10	7	540	15
3	Figueroa & Olympic	0	0	0	139	577	74	72	519	188	101	361	123
4	Flower & Olympic	234	286	66	0	557	25	0	0	0	83	361	0
5	Grand & Olympic	97	250	23	0	475	34	0	0	0	61	267	0
6	Olive & Olympic	0	0	0	22	470	0	5	179	38	0	227	55
7	Hill & Olympic	46	155	12	25	434	14	11	72	6	14	195	23
8	Broadway & Olympic	59	191	19	54	395	28	12	210	16	9	184	29
9	Main & Olympic	90	202	16	26	361	19	25	210	28	18	156	45
10	Los Angeles & Olympic	59	127	36	37	252	29	45	128	25	30	203	28
11	Santee & Olympic	91	41	13	22	182	11	71	51	39	52	215	23
12	Maple & Olympic	63	132	20	14	97	14	45	103	50	119	149	29
13	Maple & 9th	24	84	12	36	140	51	44	119	19	52	216	13
14	San Pedro & 9th	26	212	19	45	162	44	55	231	22	44	227	43
15	LA Live Way & Chick Hearn Ct	0	0	0	33	67	25	38	458	198	81	42	40
16	Figueroa & 11th	46	117	5	80	93	50	11	675	35	44	28	38
17	Flower & 11th	91	269	0	0	138	27	0	0	0	44	0	0
18	Grand & 11th	51	282	0	0	137	24	0	0	0	0	0	0
19	Olive & 11th	0	0	0	17	117	0	0	215	40	0	0	0
20	Figueroa & 12th	2	198	3	13	0	15	16	718	3	2	0	0
21	Flower & 12th	25	254	43	0	0	0	0	0	0	8	14	0
22	Grand & 12th	0	277	39	0	0	0	0	0	0	45	29	0
23	Olive & 12th	0	0	0	0	0	0	8	235	0	0	41	21
24	LA Live Way & Pico	12	0	37	66	276	0	81	471	649	0	289	64
25	LA Live Way & Bond	0	0	0	158	0	0	0	1,059	0	0	1	2
26	Figueroa & Pico	31	180	12	43	244	76	36	582	81	151	462	120
27	Flower & Pico	62	199	2	0	304	12	0	0	0	165	368	0
28	Grand & Pico	39	281	3	0	237	20	0	0	0	65	199	0
29	Olive & Pico	0	0	0	14	221	0	17	211	32	0	186	20
30	Hill & Pico	14	129	1	9	214	11	6	58	7	16	179	9
31	Broadway & Pico	28	211	3	18	152	20	11	144	21	27	134	28
32	Main & Pico	26	226	7	17	177	16	7	159	22	29	85	36
33	Blaine & Olympic	1	41	11	25	573	161	63	2	94	99	518	6
34	Blaine & SR 110 SB Off-Ramps	0	303	0	167	0	191	0	0	0	0	0	0
35	Blaine & 11th	67	307	127	0	122	171	0	0	0	109	42	0
36	Convention Center Drive & Venice	53	0	209	68	431	0	0	0	0	0	337	16

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

37	Figueroa & Venice	42	354	11	25	140	24	30	578	76	137	144	39
38	Flower & Venice	34	328	15	0	146	22	0	0	0	52	125	0
39	Grand & Venice	42	315	21	0	143	20	0	0	0	52	135	0
40	Olive & Venice	0	0	0	19	129	0	28	246	33	0	129	24
41	Grand & 17th	212	179	0	0	410	65	0	0	0	0	0	0
42	Olive & 17th	0	0	0	91	399	0	0	213	82	0	0	0
43	Hill & 17th	60	124	0	37	378	0	0	93	41	0	0	0
44	Broadway & 17th	52	253	0	14	328	14	0	161	28	0	0	0
45	Main & 17th	91	195	0	10	233	39	0	163	31	0	0	0
46	Los Angeles & 17th	86	264	0	66	181	39	0	25	11	0	0	0
47	Flower & 18th	0	140	3	0	0	0	0	0	0	8	28	0
48	Grand & 18th	0	130	118	0	0	0	92	0	0	50	250	0
49	Olive & 18th	0	0	0	0	0	0	22	101	0	0	265	198
50	Hill & 18th	0	107	29	0	0	0	18	108	0	21	251	20
51	Broadway & 18th	0	237	31	0	0	0	20	168	0	8	265	22
52	Main & 18th	0	188	48	0	0	0	79	178	0	28	220	18
53	Los Angeles & 18th	0	141	3	0	0	0	7	73	0	17	21	316
54	Figueroa & Washington	110	367	53	68	376	80	46	638	83	57	234	66
55	Flower & Washington	47	94	10	0	463	0	0	0	0	5	319	0
56	Grand & Washington	37	118	24	9	364	15	17	69	29	16	310	0
57	Olive & Washington	0	0	0	51	369	3	3	40	12	3	322	32
58	Hill & Washington	15	96	24	31	268	12	13	89	3	2	76	7
59	Broadway & Washington	20	176	41	29	280	18	35	141	10	3	108	7
60	Main & Washington	28	167	27	41	346	24	37	212	35	20	321	10
61	Los Angeles & Washington	41	48	39	29	302	4	11	25	2	2	235	16
62	San Pedro & Washington	43	422	52	32	255	48	28	364	59	54	267	87
63	Figueroa & Adams	72	566	82	237	547	115	70	712	130	135	225	94
64	Flower & Adams	27	109	0	0	877	0	0	0	0	134	254	0
65	I-110 NB Off General & Adams	57	0	220	0	346	0	166	0	320	0	244	0
66	Grand & Adams	28	88	29	18	299	29	21	36	14	28	405	39
67	Hill & Adams	13	72	15	21	315	11	15	75	18	11	395	40
68	Broadway & Adams	27	179	18	18	275	19	11	127	24	20	389	34
69	Main & Adams	29	203	13	24	279	37	38	258	28	27	348	35
70	Flower & Jefferson	17	168	23	0	392	48	0	0	0	175	294	0
71	Figueroa & Exposition	61	494	253	192	268	20	35	483	99	52	275	81
72	Flower & 37th Street	0	73	351	0	0	0	61	0	0	35	539	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	86	0	0	25	283	0	0	101	397
74	Hill & 37th Street	8	61	3	7	9	4	0	68	10	19	33	17
75	Broadway & 37th	2	224	1	1	0	0	1	151	3	12	15	4
76	Figueroa & 39th	14	368	46	124	15	65	47	373	20	20	44	168

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Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	60	39	26	0	111	89	77	0
78	Figueroa & MLK	136	302	203	83	867	146	98	248	71	81	1,162	156
79	I-110 SB Ramps & MLK	449	0	216	0	760	179	0	0	0	605	901	0
80	I-110 NB Ramps/Hill & MLK	68	2	20	23	594	103	83	26	266	408	542	34
81	Georgia & James Wood	0	0	0	0	0	0	30	211	0	10	403	161
82	Francisco & 9th	0	0	22	0	0	0	0	0	0	0	797	221
83	Figueroa & 9th	0	0	0	0	0	0	86	686	0	0	621	204
84	Flower & 9th	0	423	138	0	0	0	0	0	0	179	529	0
85	Broadway & 9th	0	230	35	0	0	0	15	286	0	40	307	62
86	Bixel & 8th	45	600	0	135	433	269	0	0	0	0	0	0
87	Francisco & 8th	0	0	0	0	856	19	0	0	275	0	0	0
88	Figueroa & 8th	0	0	0	139	705	0	0	754	160	0	0	0
89	Flower & 8th	133	491	0	0	714	71	0	0	0	0	0	0
90	Hill & 8th	62	191	0	49	487	35	0	127	19	0	0	0
91	Broadway & 8th	69	249	0	96	474	18	0	311	33	0	0	0
92	Bixel & Wilshire	24	171	7	10	392	62	46	52	25	101	415	13
93	Figueroa & Wilshire	0	0	0	109	155	0	49	737	60	0	287	247
94	Lucas & 6th	75	83	15	13	248	13	34	78	17	15	393	81
95	Bixel & 6th	29	77	26	27	229	33	16	31	26	82	346	22
96	Figueroa & 6th	0	0	0	0	0	0	78	1,016	0	0	781	161
97	Flower & 6th	0	283	99	0	0	0	0	0	0	377	473	0
98	Grand & 6th	0	298	43	0	0	0	0	0	0	40	404	0
99	Hill & 6th	0	225	45	0	0	0	53	194	0	22	369	18
100	Spring & 6th	0	518	154	0	0	0	0	0	0	155	388	0
101	Main & 6th	0	0	0	0	0	0	83	456	0	0	306	208
102	Figueroa & 5th	0	0	0	126	669	0	0	671	366	0	0	0
103	Grand & 5th	166	246	0	29	586	127	0	0	0	0	0	0
104	Olive & 5th	184	0	0	36	385	0	0	245	174	0	0	0
105	Hill & 5th	56	208	0	52	330	25	0	167	23	0	0	0
106	Spring & 5th	73	476	0	0	212	167	0	0	0	0	0	0
107	Main & 5th	0	0	0	79	232	0	0	537	145	0	0	0
108	Figueroa & 2nd	30	302	28	15	150	56	86	365	82	121	161	33
109	Beaudry & 1st	70	122	31	50	231	23	46	187	54	26	145	34
110	Hope & 1st	39	91	70	73	264	49	109	207	83	77	246	55
111	Grand & 1st	76	246	23	108	282	94	18	103	11	125	222	82
112	Olive & 1st	0	0	0	0	366	37	146	0	113	31	262	0
113	Hill & 1st	33	226	26	23	288	18	25	140	22	17	314	57
114	Spring & 1st	64	255	12	0	199	14	0	0	0	18	289	22
115	Main & 1st	0	0	0	19	232	0	54	301	37	0	317	43
116	Hope & Temple/US-101 Ramps	37	68	75	89	335	43	97	93	58	45	234	117

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Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	121	402	0	0	415	49
118	Los Angeles & Aliso	0	275	137	0	0	0	8	106	0	35	492	10
119	Grand & I-110 On-Ramp/US-101 Ramps	220	216	0	0	0	0	0	134	230	96	0	29
120	Beaudry & Sunset	17	109	22	22	844	112	71	81	120	274	1,155	56
121	Figueroa & Cesar Chavez	71	170	58	71	840	101	166	252	100	282	943	107
122	Grand & Cesar Chavez	10	56	10	153	454	153	43	40	84	145	370	14
123	Spring & Cesar Chavez	65	62	18	56	993	227	27	6	3	129	732	0
124	Main & Cesar Chavez	0	0	0	31	1,088	0	185	167	128	0	756	57
125	Alameda & Cesar Chavez	127	760	85	47	820	187	112	375	185	336	532	76
126	Main & Alpine	45	158	46	41	170	0	6	141	1	15	124	50
127	Alameda & Alpine	73	194	24	72	55	22	35	172	43	62	27	33
128	Hill & Alpine	37	403	74	125	100	40	18	287	18	9	111	30
129	Hill & College	43	460	146	83	111	43	80	385	15	28	106	75
130	Sunset & Elysian Park	0	516	55	568	0	959	58	835	0	0	0	0
131	Glendale & Bellevue	0	694	89	128	0	307	188	499	0	0	0	0
132	Glendale & Temple	156	474	77	94	291	18	10	434	55	47	219	194
133	Alvarado & US 101 NB Ramps	303	807	0	74	0	173	0	696	275	0	0	0
134	Alvarado & US 101 SB Ramps	0	824	147	0	0	0	249	686	0	181	4	228
135	Alvarado & Beverly	97	844	26	46	324	66	50	770	32	58	277	79
136	Vermont & 6th	89	955	69	79	418	84	55	1,054	75	84	393	86
137	Alvarado & 6th	99	787	28	45	375	80	132	709	43	59	357	58
138	Western & Wilshire	91	852	94	81	617	127	97	738	97	86	648	137
139	Normandie & Wilshire	67	391	33	48	970	66	90	373	36	43	758	40
140	Vermont & Wilshire	82	1,042	36	97	634	101	68	1,009	86	69	538	128
141	Alvarado & Wilshire	97	742	36	86	636	91	59	789	23	41	435	71
142	Vermont & 8th	94	1,011	51	59	389	32	49	1,053	79	86	290	34
143	Alvarado & 8th	102	651	40	51	348	27	81	735	20	43	212	118
144	Western & Olympic	112	890	194	225	707	104	91	1,096	112	70	703	91
145	Normandie & Olympic	91	528	69	86	996	86	73	463	90	71	923	54
146	Vermont & Olympic	142	910	84	88	831	93	76	946	96	54	694	160
147	Alvarado & Olympic	152	495	91	60	711	80	54	668	73	36	661	123
148	Union & Olympic	92	517	49	58	586	35	38	482	95	53	627	77
149	Western & Pico	80	838	43	47	415	64	66	826	86	82	426	86
150	Normandie & Pico	40	568	32	35	425	80	108	598	33	68	347	34
151	Vermont & Pico	85	904	69	97	530	75	85	947	106	73	443	71
152	Alvarado & Pico	125	442	78	104	607	95	85	637	10	43	479	124
153	Pico & Union	142	449	56	76	632	42	52	475	97	77	547	85
154	Hoover & Alvarado	0	623	0	13	0	563	499	732	0	0	0	0
155	Western & Venice	65	1,019	39	56	331	68	66	1,111	93	75	293	77
156	Normandie & Venice	50	627	36	27	344	34	36	688	85	102	321	65

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Peak Hour Traffic Volumes

157	Vermont & Venice	62	926	48	75	338	60	59	1,071	46	65	349	46
158	Hoover & Venice	115	988	62	112	278	118	42	956	76	91	218	117
159	Western & Washington	44	949	51	79	296	72	68	993	76	69	267	46
160	Normandie & Washington	41	684	46	44	245	91	101	747	103	89	231	45
161	Vermont & Washington	53	974	67	48	342	102	81	1,009	64	46	307	95
162	Hoover & Washington	154	918	119	82	284	72	87	844	77	42	301	119
163	I-10 WB Ramp & 20th	0	0	0	0	46	498	285	0	40	23	32	0
164	Vermont & I-10 EB Ramps	0	700	474	0	0	0	159	799	0	254	18	346
165	I-10 EB Ramp & Hoover	0	734	230	0	0	0	235	672	0	228	0	390
166	Hill & Venice	14	189	17	4	115	13	16	81	26	18	146	2
167	Broadway & Venice	17	263	3	13	94	10	11	190	12	42	122	11
168	Main & Venice	13	199	3	3	85	5	7	173	16	24	81	32
169	Los Angeles & Venice	6	259	7	9	99	23	3	84	3	28	64	6
170	San Pedro & Venice	97	404	0	116	124	215	0	148	52	71	0	18
171	Central & Venice	107	270	0	62	130	223	0	151	127	0	0	0
172	Central & Washington	30	370	27	39	226	48	25	401	34	79	232	75
173	Wilton Place (ext. of Arlington) & Wilshire	79	579	24	35	641	100	65	619	49	43	710	144
174	Arlington & Olympic	103	495	71	55	708	61	59	508	49	51	732	108
175	Arlington & Pico	72	480	65	59	417	37	42	497	77	55	460	65
176	Arlington & Venice	51	536	29	43	418	42	42	582	48	76	411	25
177	Arlington & Washington	43	624	25	36	291	82	83	584	48	77	319	61
178													
179													
180													
181													
182													
183													

Traffic Data Received on 10/18/11
Peak Hour Traffic Volumes
Future No Project, Cumulative Base (2038)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	49	2	18	160	777	59	67	78	96	34	684	173
2	Francisco & Olympic	28	7	59	54	960	35	17	6	10	7	761	15
3	Figueroa & Olympic	0	0	0	230	728	102	123	1,013	298	147	558	143
4	Flower & Olympic	260	755	78	0	800	40	0	0	0	105	587	0
5	Grand & Olympic	186	582	142	0	637	40	0	0	0	97	461	0
6	Olive & Olympic	0	0	0	68	610	0	17	452	66	0	441	154
7	Hill & Olympic	74	358	16	38	565	134	83	162	33	61	351	46
8	Broadway & Olympic	85	286	30	57	587	28	12	270	64	35	331	87
9	Main & Olympic	154	373	25	44	489	23	27	380	31	18	281	79
10	Los Angeles & Olympic	60	146	36	37	373	29	46	154	28	36	332	28
11	Santee & Olympic	92	41	14	24	302	11	72	52	39	53	345	23
12	Maple & Olympic	64	134	20	14	214	14	46	106	54	122	277	29
13	Maple & 9th	24	85	12	36	142	52	45	122	19	53	369	13
14	San Pedro & 9th	26	215	19	48	164	45	56	237	22	47	377	45
15	LA Live Way & Chick Hearn Ct	0	0	0	46	154	25	55	481	200	87	96	40
16	Figueroa & 11th	47	190	5	125	157	51	11	1,285	82	115	28	38
17	Flower & 11th	102	764	0	0	238	198	0	0	0	45	0	0
18	Grand & 11th	73	634	0	0	431	150	0	0	0	0	0	0
19	Olive & 11th	0	0	0	17	279	0	0	530	255	0	0	0
20	Figueroa & 12th	2	287	12	13	0	15	38	1,188	3	2	0	0
21	Flower & 12th	25	729	164	0	0	0	0	0	0	8	44	0
22	Grand & 12th	0	727	64	0	0	0	0	0	0	81	197	0
23	Olive & 12th	0	0	0	0	0	0	8	693	0	0	141	114
24	LA Live Way & Pico	12	0	42	67	359	0	121	511	657	0	393	65
25	LA Live Way & Bond	0	0	0	160	0	0	0	1,145	0	0	1	2
26	Figueroa & Pico	53	214	16	48	302	114	47	1,001	85	168	544	189
27	Flower & Pico	104	637	11	0	409	0	0	0	0	170	472	0
28	Grand & Pico	86	709	13	0	298	30	0	0	0	75	294	0
29	Olive & Pico	0	0	0	18	286	0	29	631	38	0	257	54
30	Hill & Pico	23	273	5	20	269	14	8	176	12	31	239	17
31	Broadway & Pico	39	309	3	18	209	20	11	237	21	27	192	36
32	Main & Pico	38	347	7	18	221	16	7	271	22	29	122	55
33	Blaine & Olympic	1	41	11	25	779	229	124	2	112	103	700	6
34	Blaine & SR 110 SB Off-Ramps	0	376	0	246	0	246	0	0	0	0	0	0
35	Blaine & 11th	68	380	182	0	129	253	0	0	0	110	48	0
36	Convention Center Drive & Venice	54	0	212	82	477	0	0	0	0	0	380	16

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

37	Figueroa & Venice	60	380	14	57	180	25	33	950	77	139	173	51
38	Flower & Venice	51	751	18	0	201	28	0	0	0	53	159	0
39	Grand & Venice	64	737	26	0	179	20	0	0	0	65	166	0
40	Olive & Venice	0	0	0	33	147	0	28	662	51	0	135	53
41	Grand & 17th	459	367	0	0	518	73	0	0	0	0	0	0
42	Olive & 17th	0	0	0	234	498	0	0	506	99	0	0	0
43	Hill & 17th	104	229	0	50	569	16	0	200	49	0	0	0
44	Broadway & 17th	60	343	0	23	539	22	0	257	28	0	0	0
45	Main & 17th	106	297	0	26	443	116	0	259	35	0	0	0
46	Los Angeles & 17th	91	286	0	90	478	39	0	30	11	0	0	0
47	Flower & 18th	0	484	3	0	0	0	0	0	0	8	57	0
48	Grand & 18th	0	269	175	0	0	0	93	0	0	68	489	0
49	Olive & 18th	0	0	0	0	0	0	22	227	0	0	380	381
50	Hill & 18th	0	215	42	0	0	0	18	211	0	21	354	32
51	Broadway & 18th	0	327	40	0	0	0	23	264	0	23	365	22
52	Main & 18th	0	353	63	0	0	0	209	265	0	35	312	30
53	Los Angeles & 18th	0	143	3	0	0	0	7	77	0	17	21	551
54	Figueroa & Washington	118	377	54	77	441	108	86	1,087	89	60	270	83
55	Flower & Washington	67	413	14	0	545	0	0	0	0	11	390	0
56	Grand & Washington	49	244	40	9	432	18	18	70	29	16	385	0
57	Olive & Washington	0	0	0	54	440	3	3	151	24	3	403	45
58	Hill & Washington	26	186	30	46	328	12	13	169	3	2	146	15
59	Broadway & Washington	20	257	65	33	355	23	44	232	10	3	182	10
60	Main & Washington	30	326	38	47	428	24	52	420	35	20	428	13
61	Los Angeles & Washington	41	49	39	29	377	4	11	25	2	2	306	19
62	San Pedro & Washington	44	427	53	32	319	49	33	368	73	63	332	88
63	Figueroa & Adams	73	694	83	263	562	167	77	1,196	142	142	237	95
64	Flower & Adams	48	445	0	12	949	0	0	0	0	136	272	0
65	I-110 NB Off General & Adams	63	0	235	0	394	0	229	0	341	0	268	0
66	Grand & Adams	28	211	29	18	347	29	21	36	14	28	492	39
67	Hill & Adams	13	152	15	21	363	11	15	192	18	11	467	55
68	Broadway & Adams	36	254	18	18	313	19	11	230	24	20	459	36
69	Main & Adams	31	358	13	24	315	37	38	463	28	27	400	52
70	Flower & Jefferson	71	434	28	0	505	49	0	0	0	234	465	0
71	Figueroa & Exposition	62	617	352	229	290	26	43	819	100	53	295	82
72	Flower & 37th Street	0	330	412	0	0	0	62	0	0	35	667	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	88	0	0	25	331	0	0	103	480
74	Hill & 37th Street	8	141	3	7	10	4	0	185	10	19	34	17
75	Broadway & 37th	2	312	1	1	0	0	1	257	4	13	15	4
76	Figueroa & 39th	14	467	75	142	15	66	48	694	20	20	45	170

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	61	39	26	0	129	118	78	0
78	Figueroa & MLK	139	361	243	108	878	156	101	543	74	84	1,177	159
79	I-110 SB Ramps & MLK	460	0	219	0	796	181	0	0	0	612	953	0
80	I-110 NB Ramps/Hill & MLK	69	81	20	23	628	104	84	142	269	413	590	34
81	Georgia & James Wood	0	0	0	0	0	0	35	343	0	10	775	184
82	Francisco & 9th	0	0	81	0	0	0	0	0	0	0	1,399	276
83	Figueroa & 9th	0	0	0	0	0	0	141	1,235	0	0	1,219	266
84	Flower & 9th	0	816	149	0	0	0	0	0	0	330	1,031	0
85	Broadway & 9th	0	305	38	0	0	0	15	406	0	96	512	115
86	Bixel & 8th	46	804	0	138	565	341	0	0	0	0	0	0
87	Francisco & 8th	19	9	0	5	1,213	105	0	0	314	0	0	0
88	Figueroa & 8th	0	0	0	155	967	0	0	1,180	347	0	0	0
89	Flower & 8th	143	845	0	0	982	121	0	0	0	0	0	0
90	Hill & 8th	128	363	0	59	761	83	0	218	23	0	0	0
91	Broadway & 8th	115	327	0	103	723	18	0	448	70	0	0	0
92	Bixel & Wilshire	37	208	7	39	523	68	47	68	25	114	501	52
93	Figueroa & Wilshire	0	0	0	110	248	0	50	1,117	116	0	357	347
94	Lucas & 6th	79	164	62	57	413	14	82	133	23	22	584	87
95	Bixel & 6th	47	96	32	32	479	45	34	42	30	88	610	33
96	Figueroa & 6th	0	0	0	0	0	0	117	1,458	0	0	1,216	248
97	Flower & 6th	0	538	102	0	0	0	0	0	0	575	749	0
98	Grand & 6th	0	503	56	0	0	0	0	0	0	71	654	0
99	Hill & 6th	0	444	66	0	0	0	54	307	0	62	589	18
100	Spring & 6th	0	897	179	0	0	0	0	0	0	174	599	0
101	Main & 6th	0	0	0	0	0	0	100	765	0	0	460	290
102	Figueroa & 5th	0	0	0	144	998	0	0	965	600	0	0	0
103	Grand & 5th	179	380	0	32	975	196	0	0	0	0	0	0
104	Olive & 5th	245	0	0	45	757	0	0	500	201	0	0	0
105	Hill & 5th	216	431	0	98	551	41	0	279	24	0	0	0
106	Spring & 5th	209	843	0	0	377	204	0	0	0	0	0	0
107	Main & 5th	0	0	0	93	395	0	0	888	184	0	0	0
108	Figueroa & 2nd	30	306	32	15	169	57	95	569	101	126	183	33
109	Beaudry & 1st	96	182	31	51	445	26	66	225	58	26	300	51
110	Hope & 1st	39	149	112	120	480	71	110	231	84	97	430	60
111	Grand & 1st	98	339	126	220	515	106	264	172	40	157	417	83
112	Olive & 1st	0	0	0	0	523	55	239	0	312	317	548	0
113	Hill & 1st	33	386	26	23	463	131	34	245	22	66	617	84
114	Spring & 1st	148	730	14	0	393	26	0	0	0	41	530	22
115	Main & 1st	0	0	0	21	416	0	70	656	60	0	431	174
116	Hope & Temple/US-101 Ramps	37	125	121	132	379	47	98	166	59	85	301	139

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Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	290	720	0	0	679	104
118	Los Angeles & Aliso	0	316	139	0	0	0	56	112	0	95	822	52
119	Grand & I-110 On-Ramp/US-101 Ramps	343	350	0	0	0	0	0	219	399	226	0	57
120	Beaudry & Sunset	24	179	70	22	945	151	96	109	121	277	1,262	57
121	Figueroa & Cesar Chavez	72	202	59	148	972	102	184	421	107	288	1,108	115
122	Grand & Cesar Chavez	10	194	10	155	564	239	55	110	114	176	516	14
123	Spring & Cesar Chavez	96	325	18	57	1,108	241	27	6	3	150	816	0
124	Main & Cesar Chavez	0	0	0	87	1,195	0	203	481	149	0	840	58
125	Alameda & Cesar Chavez	129	898	95	48	938	189	113	494	187	340	629	77
126	Main & Alpine	71	160	47	41	199	0	6	366	64	15	187	69
127	Alameda & Alpine	74	230	35	98	223	72	53	226	79	86	56	33
128	Hill & Alpine	37	544	154	224	101	40	18	410	18	9	112	30
129	Hill & College	44	681	205	159	112	44	81	607	15	28	107	76
130	Sunset & Elysian Park	0	615	56	575	0	971	59	942	0	0	0	0
131	Glendale & Bellevue	0	795	90	130	0	330	256	581	0	0	0	0
132	Glendale & Temple	180	613	78	118	323	18	10	556	60	70	267	198
133	Alvarado & US 101 NB Ramps	393	881	0	86	0	192	0	832	282	0	0	0
134	Alvarado & US 101 SB Ramps	0	927	169	0	0	0	255	764	0	189	4	319
135	Alvarado & Beverly	98	936	26	47	556	67	55	846	32	59	447	80
136	Vermont & 6th	95	1,163	70	80	588	92	62	1,291	84	90	571	92
137	Alvarado & 6th	118	857	28	46	535	92	150	798	44	60	522	61
138	Western & Wilshire	92	953	95	82	679	150	118	833	109	93	713	139
139	Normandie & Wilshire	68	415	43	56	1,041	74	99	400	37	44	828	40
140	Vermont & Wilshire	133	1,211	39	101	708	105	69	1,220	154	123	608	166
141	Alvarado & Wilshire	98	822	36	89	690	113	82	893	23	41	485	72
142	Vermont & 8th	108	1,186	60	69	507	32	50	1,256	89	92	404	46
143	Alvarado & 8th	104	754	40	54	488	27	82	861	20	44	369	119
144	Western & Olympic	113	1,013	202	239	865	116	98	1,216	113	71	850	92
145	Normandie & Olympic	106	559	73	91	1,158	94	79	491	117	121	1,105	78
146	Vermont & Olympic	151	1,072	93	106	987	95	78	1,125	113	77	860	175
147	Alvarado & Olympic	154	588	97	66	883	126	72	787	74	36	835	125
148	Union & Olympic	93	524	50	71	805	35	38	489	96	54	822	78
149	Western & Pico	92	960	44	48	497	65	67	943	87	83	510	93
150	Normandie & Pico	41	646	40	40	506	81	109	654	33	69	429	34
151	Vermont & Pico	87	1,087	71	98	616	76	86	1,142	107	74	533	73
152	Alvarado & Pico	135	570	79	106	686	97	104	769	10	44	568	128
153	Pico & Union	144	454	58	78	712	51	53	481	98	78	655	86
154	Hoover & Alvarado	0	650	0	13	0	694	648	809	0	0	0	0
155	Western & Venice	66	1,143	39	57	363	69	67	1,231	94	76	331	78
156	Normandie & Venice	51	706	36	27	376	34	36	745	86	103	359	66

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Peak Hour Traffic Volumes

157	Vermont & Venice	63	1,109	49	76	370	61	60	1,268	47	66	387	47
158	Hoover & Venice	116	1,143	63	113	309	132	48	1,178	77	92	255	118
159	Western & Washington	45	1,072	52	80	379	73	69	1,112	77	70	347	47
160	Normandie & Washington	41	763	47	45	327	92	102	805	104	90	311	46
161	Vermont & Washington	54	1,158	68	49	425	103	82	1,205	65	47	388	96
162	Hoover & Washington	156	1,073	132	99	366	73	88	1,054	78	43	382	120
163	I-10 WB Ramp & 20th	0	0	0	0	47	601	339	0	40	23	32	0
164	Vermont & I-10 EB Ramps	0	773	514	0	0	0	161	956	0	299	18	416
165	I-10 EB Ramp & Hoover	0	816	234	0	0	0	238	790	0	244	0	460
166	Hill & Venice	24	338	21	10	136	13	16	200	26	18	152	2
167	Broadway & Venice	21	357	3	13	107	10	11	283	23	46	128	11
168	Main & Venice	17	314	3	3	93	5	7	285	16	24	87	32
169	Los Angeles & Venice	6	285	7	9	107	23	3	113	3	28	65	6
170	San Pedro & Venice	98	409	0	117	132	218	0	150	53	72	0	18
171	Central & Venice	108	315	0	63	139	226	0	193	129	0	0	0
172	Central & Washington	33	491	39	58	286	49	25	491	34	80	295	83
173	Wilton Place (ext. of Arlington) & Wilshire	80	586	24	35	715	101	66	626	50	44	781	146
174	Arlington & Olympic	104	501	72	56	866	62	60	514	50	52	880	109
175	Arlington & Pico	73	486	66	60	510	37	43	503	78	56	551	66
176	Arlington & Venice	52	542	29	44	451	43	43	589	49	77	450	25
177	Arlington & Washington	44	632	25	36	374	83	84	591	49	78	400	62
178													
179													
180													
181													
182													
183													

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

Future With Project (2038)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	49	2	19	160	1,146	59	156	326	228	34	789	238
2	Francisco & Olympic	74	7	102	54	1,283	383	17	6	10	7	959	15
3	Figueroa & Olympic	0	0	0	293	1,402	55	123	1,076	295	294	606	189
4	Flower & Olympic	620	738	78	0	1,129	40	0	0	0	133	607	0
5	Grand & Olympic	220	612	142	0	771	66	0	0	0	97	485	0
6	Olive & Olympic	0	0	0	68	610	0	75	637	226	0	465	154
7	Hill & Olympic	74	358	16	38	565	134	101	200	33	100	389	52
8	Broadway & Olympic	85	286	30	57	587	28	12	270	64	47	374	87
9	Main & Olympic	154	368	25	44	489	23	27	410	31	20	327	75
10	Los Angeles & Olympic	60	146	36	37	373	29	46	155	28	36	378	28
11	Santee & Olympic	92	41	14	24	302	11	72	52	39	53	391	23
12	Maple & Olympic	64	134	20	14	214	14	46	106	54	122	321	31
13	Maple & 9th	24	85	12	36	142	52	47	122	19	53	431	13
14	San Pedro & 9th	26	215	19	48	164	49	93	237	22	47	440	45
15	LA Live Way & Chick Hearn Ct	0	0	0	46	381	0	0	947	829	0	0	68
16	Figueroa & 11th	0	338	5	125	0	55	11	1,348	0	0	0	0
17	Flower & 11th	89	1,088	0	0	77	198	0	0	0	17	0	0
18	Grand & 11th	73	794	0	0	270	265	0	0	0	0	0	0
19	Olive & 11th	0	0	0	173	120	0	0	711	368	0	0	0
20	Figueroa & 12th	2	323	12	13	0	15	38	1,113	3	2	0	0
21	Flower & 12th	25	979	210	0	0	0	0	0	0	8	44	0
22	Grand & 12th	0	1,421	90	0	0	0	0	0	0	213	203	0
23	Olive & 12th	0	0	0	0	0	0	11	852	0	0	173	114
24	LA Live Way & Pico	0	0	0	0	328	0	174	153	792	0	804	0
25	LA Live Way & Bond	0	0	0	47	0	0	0	950	0	0	1	257
26	Figueroa & Pico	46	258	16	48	201	125	182	935	76	267	787	180
27	Flower & Pico	96	895	11	0	322	0	0	0	0	402	643	0
28	Grand & Pico	84	1,722	19	0	228	82	0	0	0	163	422	0
29	Olive & Pico	0	0	0	85	263	0	56	704	42	0	375	70
30	Hill & Pico	23	1,453	50	20	251	14	12	181	12	167	329	50
31	Broadway & Pico	33	359	3	18	200	20	11	237	19	68	289	36
32	Main & Pico	36	357	7	18	214	16	7	275	22	29	193	81
33	Blaine & Olympic	1	41	11	25	1,049	461	211	2	112	103	766	6
34	Blaine & SR 110 SB Off-Ramps	0	608	0	333	0	164	0	0	0	0	0	0
35	Blaine & 11th	68	612	100	0	0	1,238	0	0	0	110	0	0
36	Convention Center Drive & Venice	82	0	361	239	711	0	0	0	0	0	436	28

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Peak Hour Traffic Volumes

37	Figueroa & Venice	160	769	28	102	452	54	33	955	97	317	186	65
38	Flower & Venice	101	1,243	18	0	496	303	0	0	0	53	185	0
39	Grand & Venice	110	1,745	123	0	412	296	0	0	0	174	208	0
40	Olive & Venice	0	0	0	33	267	0	837	724	440	0	270	57
41	Grand & 17th	820	1,400	0	0	797	136	0	0	0	0	0	0
42	Olive & 17th	0	0	0	347	789	0	0	507	150	0	0	0
43	Hill & 17th	328	1,900	0	50	660	16	0	200	49	0	0	0
44	Broadway & 17th	60	512	0	38	630	22	0	257	28	0	0	0
45	Main & 17th	106	299	0	26	548	116	0	259	35	0	0	0
46	Los Angeles & 17th	91	287	0	90	583	39	0	30	11	0	0	0
47	Flower & 18th	0	792	3	0	0	0	0	0	0	8	301	0
48	Grand & 18th	0	958	616	0	0	0	144	0	0	68	490	0
49	Olive & 18th	0	0	0	0	0	0	199	227	0	0	821	434
50	Hill & 18th	0	858	1,070	0	0	0	18	211	0	21	971	32
51	Broadway & 18th	0	360	175	0	0	0	23	264	0	23	2,011	22
52	Main & 18th	0	355	63	0	0	0	209	265	0	35	2,093	30
53	Los Angeles & 18th	0	144	3	0	0	0	7	77	0	17	21	2,332
54	Figueroa & Washington	312	392	83	82	1,060	163	86	1,105	99	60	270	84
55	Flower & Washington	132	649	21	0	1,160	134	0	0	0	23	407	0
56	Grand & Washington	370	541	120	9	849	18	18	121	40	16	409	0
57	Olive & Washington	0	0	0	54	657	3	99	328	209	3	508	45
58	Hill & Washington	237	414	234	46	333	12	13	169	3	2	348	15
59	Broadway & Washington	20	287	68	33	360	23	44	232	10	3	588	10
60	Main & Washington	30	326	40	47	433	24	52	420	35	20	837	13
61	Los Angeles & Washington	41	49	40	29	382	4	11	25	2	2	717	19
62	San Pedro & Washington	44	427	53	32	324	49	33	368	73	63	744	88
63	Figueroa & Adams	73	824	83	275	562	167	77	1,199	142	142	237	95
64	Flower & Adams	48	1,136	0	14	961	102	0	0	0	136	272	0
65	I-110 NB Off General & Adams	63	0	237	0	496	0	229	0	353	0	268	0
66	Grand & Adams	65	377	29	18	412	29	21	36	14	28	492	39
67	Hill & Adams	48	236	15	21	393	11	15	192	18	11	467	55
68	Broadway & Adams	66	253	18	18	313	19	11	230	24	20	459	36
69	Main & Adams	31	358	13	24	315	37	38	463	28	27	400	52
70	Flower & Jefferson	71	913	28	0	514	93	0	0	0	234	465	0
71	Figueroa & Exposition	62	780	352	230	290	40	43	822	100	53	295	82
72	Flower & 37th Street	0	434	816	0	0	0	62	0	0	35	642	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	88	0	0	25	332	0	0	103	480
74	Hill & 37th Street	8	225	3	7	10	4	0	185	10	19	34	17
75	Broadway & 37th	2	311	1	1	0	0	1	257	4	13	15	4
76	Figueroa & 39th	14	645	75	143	15	66	48	696	20	20	45	170

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Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	61	190	26	0	130	222	78	0
78	Figueroa & MLK	139	360	421	109	878	156	101	543	74	84	1,177	159
79	I-110 SB Ramps & MLK	460	0	219	0	797	228	0	0	0	790	953	0
80	I-110 NB Ramps/Hill & MLK	116	81	20	23	628	104	84	142	270	413	590	34
81	Georgia & James Wood	0	0	0	0	0	0	112	661	0	10	775	184
82	Francisco & 9th	0	0	535	0	0	0	0	0	0	0	1,685	286
83	Figueroa & 9th	0	0	0	0	0	0	160	1,407	0	0	1,537	702
84	Flower & 9th	0	1,011	202	0	0	0	0	0	0	478	1,219	0
85	Broadway & 9th	0	305	38	0	0	0	15	406	0	96	783	115
86	Bixel & 8th	46	804	0	232	817	1,038	0	0	0	0	0	0
87	Francisco & 8th	19	9	0	5	2,024	105	0	0	636	0	0	0
88	Figueroa & 8th	0	0	0	333	1,511	0	0	1,988	613	0	0	0
89	Flower & 8th	389	955	0	0	1,458	121	0	0	0	0	0	0
90	Hill & 8th	140	363	0	59	761	83	0	534	38	0	0	0
91	Broadway & 8th	115	327	0	103	723	18	0	448	70	0	0	0
92	Bixel & Wilshire	37	208	7	39	597	68	108	101	25	114	501	52
93	Figueroa & Wilshire	0	0	0	196	256	0	140	2,625	182	0	355	408
94	Lucas & 6th	79	162	62	57	438	14	82	197	23	22	584	87
95	Bixel & 6th	47	96	32	32	504	45	67	42	30	88	610	33
96	Figueroa & 6th	0	0	0	0	0	0	353	2,877	0	0	1,236	248
97	Flower & 6th	0	556	104	0	0	0	0	0	0	562	1,018	0
98	Grand & 6th	0	504	56	0	0	0	0	0	0	71	1,154	0
99	Hill & 6th	0	455	82	0	0	0	80	623	0	62	999	18
100	Spring & 6th	0	892	179	0	0	0	0	0	0	174	884	0
101	Main & 6th	0	0	0	0	0	0	100	1,001	0	0	469	566
102	Figueroa & 5th	0	0	0	479	1,811	0	0	1,813	1,171	0	0	0
103	Grand & 5th	179	379	0	32	1,346	198	0	0	0	0	0	0
104	Olive & 5th	245	0	0	45	869	0	0	845	462	0	0	0
105	Hill & 5th	227	432	0	264	551	41	0	627	125	0	0	0
106	Spring & 5th	209	843	0	0	377	204	0	0	0	0	0	0
107	Main & 5th	0	0	0	93	395	0	0	1,401	184	0	0	0
108	Figueroa & 2nd	30	306	32	15	236	57	95	1,192	554	126	183	33
109	Beaudry & 1st	96	182	31	51	452	26	66	225	58	26	300	51
110	Hope & 1st	39	148	112	120	487	71	171	231	84	97	553	529
111	Grand & 1st	98	338	126	655	522	106	264	172	40	157	417	267
112	Olive & 1st	0	0	0	0	592	55	281	0	685	317	548	0
113	Hill & 1st	33	386	26	23	463	131	34	722	91	66	624	119
114	Spring & 1st	148	725	14	0	393	26	0	0	0	41	537	22
115	Main & 1st	0	0	0	21	416	0	70	1,209	60	0	431	181
116	Hope & Temple/US-101 Ramps	37	124	121	323	379	47	98	635	59	85	301	139

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	717	852	0	0	679	104
118	Los Angeles & Aliso	0	316	139	0	0	0	56	112	0	95	1,249	52
119	Grand & I-110 On-Ramp/US-101 Ramps	452	541	0	0	0	0	0	223	1,017	225	0	57
120	Beaudry & Sunset	24	179	70	22	980	151	96	109	121	277	1,808	57
121	Figueroa & Cesar Chavez	72	202	59	148	976	102	184	421	138	288	1,518	252
122	Grand & Cesar Chavez	10	194	10	155	564	239	55	110	118	476	625	14
123	Spring & Cesar Chavez	96	325	18	57	1,108	241	27	6	3	150	925	0
124	Main & Cesar Chavez	0	0	0	87	1,195	0	203	613	149	0	949	58
125	Alameda & Cesar Chavez	129	1,007	95	48	938	189	113	494	187	340	738	77
126	Main & Alpine	71	160	47	41	199	0	6	431	64	15	187	69
127	Alameda & Alpine	74	339	35	98	223	72	53	293	79	86	56	33
128	Hill & Alpine	37	544	154	224	101	40	18	919	18	9	112	30
129	Hill & College	44	681	205	159	112	44	81	1,116	15	28	271	76
130	Sunset & Elysian Park	0	615	56	1,394	0	1,517	59	977	0	0	0	0
131	Glendale & Bellevue	0	794	90	130	0	330	593	835	0	0	0	0
132	Glendale & Temple	180	612	78	118	323	18	10	1,147	60	70	267	198
133	Alvarado & US 101 NB Ramps	509	936	0	86	0	192	0	850	371	0	0	0
134	Alvarado & US 101 SB Ramps	0	982	169	0	0	0	255	871	0	189	4	319
135	Alvarado & Beverly	153	936	26	47	556	67	55	953	32	59	447	80
136	Vermont & 6th	95	1,163	70	80	588	92	62	1,355	84	90	571	92
137	Alvarado & 6th	118	857	28	71	535	92	150	880	44	60	522	61
138	Western & Wilshire	92	953	95	88	727	153	118	891	109	93	713	139
139	Normandie & Wilshire	68	415	43	57	1,098	75	99	415	37	44	828	40
140	Vermont & Wilshire	133	1,211	39	107	767	108	69	1,278	154	123	608	166
141	Alvarado & Wilshire	98	822	36	89	742	133	82	975	41	41	485	72
142	Vermont & 8th	108	1,189	60	69	507	32	50	1,314	89	92	404	46
143	Alvarado & 8th	104	774	40	118	488	152	82	898	20	44	369	119
144	Western & Olympic	113	1,016	202	266	1,098	130	98	1,247	113	71	850	92
145	Normandie & Olympic	106	560	73	98	1,432	97	79	499	117	121	1,105	78
146	Vermont & Olympic	151	1,075	93	133	1,271	142	78	1,156	113	77	860	175
147	Alvarado & Olympic	300	588	97	74	1,039	222	137	816	74	36	836	125
148	Union & Olympic	93	524	50	71	1,065	45	38	489	96	54	888	78
149	Western & Pico	92	977	44	54	545	68	67	968	87	83	510	93
150	Normandie & Pico	41	650	40	41	562	82	109	660	33	69	429	34
151	Vermont & Pico	87	1,137	71	104	674	206	86	1,167	107	74	533	73
152	Alvarado & Pico	161	640	79	265	824	351	88	772	42	44	504	193
153	Pico & Union	144	510	58	137	1,263	51	53	481	98	78	575	86
154	Hoover & Alvarado	0	666	0	13	0	1,017	649	814	0	0	0	0
155	Western & Venice	66	1,162	39	69	517	75	67	1,244	94	76	331	78
156	Normandie & Venice	51	711	36	30	548	36	36	748	86	103	359	66

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Peak Hour Traffic Volumes

157	Vermont & Venice	63	1,288	49	88	546	67	60	1,281	47	66	387	47
158	Hoover & Venice	167	1,431	63	116	452	213	49	1,182	77	92	255	118
159	Western & Washington	45	1,097	52	93	542	80	69	1,112	77	70	348	47
160	Normandie & Washington	41	769	47	48	509	94	102	805	104	90	312	46
161	Vermont & Washington	54	1,343	68	62	612	110	82	1,205	65	47	389	96
162	Hoover & Washington	207	1,391	132	102	522	87	88	1,056	78	43	383	120
163	I-10 WB Ramp & 20th	0	0	0	0	47	907	341	0	40	23	32	0
164	Vermont & I-10 EB Ramps	0	805	514	0	0	0	161	956	0	299	18	416
165	I-10 EB Ramp & Hoover	0	842	234	0	0	0	238	790	0	244	0	460
166	Hill & Venice	105	1,674	195	10	175	13	16	200	26	577	536	2
167	Broadway & Venice	21	448	3	13	129	10	11	281	40	124	609	11
168	Main & Venice	25	316	3	3	107	5	7	285	16	24	564	36
169	Los Angeles & Venice	6	286	7	9	121	23	3	113	3	28	524	6
170	San Pedro & Venice	104	409	0	117	146	218	0	150	53	530	0	18
171	Central & Venice	109	427	0	63	143	226	0	194	129	0	0	0
172	Central & Washington	33	584	58	58	287	49	25	487	38	112	620	88
173	Wilton Place (ext. of Arlington) & Wilshire	80	586	24	35	763	101	66	626	50	44	781	146
174	Arlington & Olympic	104	501	72	56	1,099	62	60	514	50	52	880	109
175	Arlington & Pico	73	486	66	60	558	37	43	503	78	56	551	66
176	Arlington & Venice	52	542	29	44	605	43	43	589	49	77	450	25
177	Arlington & Washington	44	632	25	36	537	83	84	591	49	78	401	62
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Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

Existing Plus Project (2011)

AM

No.	Intersection	Southbound			Westbound			Northbound			Eastbound		
		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
1	Georgia & Olympic	16	2	19	105	991	39	133	288	146	18	591	188
2	Francisco & Olympic	74	7	58	24	1,042	35	17	6	10	7	738	15
3	Figueroa & Olympic	0	0	0	202	1,170	27	72	582	185	248	409	169
4	Flower & Olympic	571	269	66	0	828	25	0	0	0	111	381	0
5	Grand & Olympic	131	280	23	0	598	60	0	0	0	61	291	0
6	Olive & Olympic	0	0	0	22	470	0	63	301	187	0	251	55
7	Hill & Olympic	46	155	12	25	434	14	29	110	6	53	233	29
8	Broadway & Olympic	59	191	19	54	395	28	12	210	16	21	227	29
9	Main & Olympic	90	197	16	26	361	19	25	240	28	20	202	41
10	Los Angeles & Olympic	59	127	36	37	252	29	45	129	25	30	249	28
11	Santee & Olympic	91	41	13	22	182	11	71	51	39	52	261	23
12	Maple & Olympic	63	132	20	14	97	14	45	103	50	119	193	31
13	Maple & 9th	24	84	12	36	140	51	46	119	19	52	278	13
14	San Pedro & 9th	26	212	19	45	162	48	92	231	22	44	290	43
15	LA Live Way & Chick Hearn Ct	0	0	0	33	357	0	0	924	827	0	0	68
16	Figueroa & 11th	0	265	5	80	0	54	11	738	0	0	0	0
17	Flower & 11th	78	593	0	0	41	27	0	0	0	16	0	0
18	Grand & 11th	51	442	0	0	40	139	0	0	0	0	0	0
19	Olive & 11th	0	0	0	110	22	0	0	385	153	0	0	0
20	Figueroa & 12th	2	246	3	13	0	15	16	690	3	2	0	0
21	Flower & 12th	25	504	89	0	0	0	0	0	0	8	14	0
22	Grand & 12th	0	971	65	0	0	0	0	0	0	177	35	0
23	Olive & 12th	0	0	0	0	0	0	11	383	0	0	73	21
24	LA Live Way & Pico	0	0	0	0	245	0	134	153	784	0	700	0
25	LA Live Way & Bond	0	0	0	118	0	0	0	898	0	0	1	257
26	Figueroa & Pico	24	236	12	43	143	87	124	563	72	250	705	111
27	Flower & Pico	54	457	2	0	217	12	0	0	0	397	492	0
28	Grand & Pico	37	1,294	9	0	234	72	0	0	0	153	327	0
29	Olive & Pico	0	0	0	81	198	0	44	273	36	0	304	36
30	Hill & Pico	14	1,309	46	9	196	11	10	63	7	152	269	42
31	Broadway & Pico	22	261	3	18	143	20	11	144	19	68	231	28
32	Main & Pico	24	236	7	17	170	16	7	163	22	29	156	62
33	Blaine & Olympic	1	41	11	25	843	393	150	2	94	99	584	6
34	Blaine & SR 110 SB Off-Ramps	0	535	0	254	0	109	0	0	0	0	0	0
35	Blaine & 11th	67	539	45	0	0	1,219	0	0	0	109	0	0
36	Convention Center Drive & Venice	81	0	358	225	665	0	0	0	0	0	379	28

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Peak Hour Traffic Volumes

37	Figueroa & Venice	142	755	25	70	412	53	30	583	96	301	157	53
38	Flower & Venice	84	820	15	0	441	297	0	0	0	52	151	0
39	Grand & Venice	88	1,323	118	0	376	296	0	0	0	161	177	0
40	Olive & Venice	0	0	0	19	249	0	837	297	422	0	264	28
41	Grand & 17th	573	1,212	0	0	689	128	0	0	0	0	0	0
42	Olive & 17th	0	0	0	193	690	0	0	214	133	0	0	0
43	Hill & 17th	284	1,795	0	37	458	0	0	93	41	0	0	0
44	Broadway & 17th	52	422	0	29	408	14	0	161	28	0	0	0
45	Main & 17th	91	197	0	10	327	39	0	163	31	0	0	0
46	Los Angeles & 17th	86	265	0	66	275	39	0	25	11	0	0	0
47	Flower & 18th	0	448	3	0	0	0	0	0	0	8	272	0
48	Grand & 18th	0	819	559	0	0	0	143	0	0	50	251	0
49	Olive & 18th	0	0	0	0	0	0	199	101	0	0	706	251
50	Hill & 18th	0	750	1,057	0	0	0	18	108	0	21	868	20
51	Broadway & 18th	0	270	166	0	0	0	20	168	0	8	1,911	22
52	Main & 18th	0	190	48	0	0	0	79	178	0	28	2,001	18
53	Los Angeles & 18th	0	142	3	0	0	0	7	73	0	17	21	2,097
54	Figueroa & Washington	304	382	82	73	995	135	46	656	93	57	234	67
55	Flower & Washington	112	330	17	0	1,078	134	0	0	0	17	336	0
56	Grand & Washington	358	415	104	9	781	15	17	120	40	16	334	0
57	Olive & Washington	0	0	0	51	586	3	99	217	197	3	427	32
58	Hill & Washington	226	324	228	31	273	12	13	89	3	2	278	7
59	Broadway & Washington	20	206	44	29	285	18	35	141	10	3	514	7
60	Main & Washington	28	167	29	41	351	24	37	212	35	20	730	10
61	Los Angeles & Washington	41	48	40	29	307	4	11	25	2	2	646	16
62	San Pedro & Washington	43	422	52	32	260	48	28	364	59	54	679	87
63	Figueroa & Adams	72	696	82	249	547	115	70	715	130	135	225	94
64	Flower & Adams	27	800	0	2	889	102	0	0	0	134	254	0
65	I-110 NB Off General & Adams	57	0	222	0	448	0	166	0	332	0	244	0
66	Grand & Adams	65	254	29	18	364	29	21	36	14	28	405	39
67	Hill & Adams	48	156	15	21	345	11	15	75	18	11	395	40
68	Broadway & Adams	57	178	18	18	275	19	11	127	24	20	389	34
69	Main & Adams	29	203	13	24	279	37	38	258	28	27	348	35
70	Flower & Jefferson	17	647	23	0	401	92	0	0	0	175	294	0
71	Figueroa & Exposition	61	657	253	193	268	34	35	486	99	52	275	81
72	Flower & 37th Street	0	177	755	0	0	0	61	0	0	35	514	0
73	I-110 NB Off- Ramp & 37th Street	0	0	0	86	0	0	25	284	0	0	101	397
74	Hill & 37th Street	8	145	3	7	9	4	0	68	10	19	33	17
75	Broadway & 37th	2	223	1	1	0	0	1	151	3	12	15	4
76	Figueroa & 39th	14	546	46	125	15	65	47	375	20	20	44	168

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Peak Hour Traffic Volumes

77	I-110 SB HOV Off Ramp & 39th	0	0	0	0	60	190	26	0	112	193	77	0
78	Figueroa & MLK	136	301	381	84	867	146	98	248	71	81	1,162	156
79	I-110 SB Ramps & MLK	449	0	216	0	761	226	0	0	0	783	901	0
80	I-110 NB Ramps/Hill & MLK	115	2	20	23	594	103	83	26	267	408	542	34
81	Georgia & James Wood	0	0	0	0	0	0	107	529	0	10	403	161
82	Francisco & 9th	0	0	476	0	0	0	0	0	0	0	1,060	231
83	Figueroa & 9th	0	0	0	0	0	0	105	858	0	0	916	640
84	Flower & 9th	0	618	191	0	0	0	0	0	0	304	717	0
85	Broadway & 9th	0	230	35	0	0	0	15	286	0	40	578	62
86	Bixel & 8th	45	600	0	229	685	903	0	0	0	0	0	0
87	Francisco & 8th	0	0	0	0	1,604	19	0	0	597	0	0	0
88	Figueroa & 8th	0	0	0	317	1,186	0	0	1,562	426	0	0	0
89	Flower & 8th	379	601	0	0	1,127	71	0	0	0	0	0	0
90	Hill & 8th	74	191	0	49	487	35	0	443	34	0	0	0
91	Broadway & 8th	69	249	0	96	474	18	0	311	33	0	0	0
92	Bixel & Wilshire	24	171	7	10	466	62	107	85	25	101	415	13
93	Figueroa & Wilshire	0	0	0	195	163	0	139	2,245	126	0	285	308
94	Lucas & 6th	75	81	15	13	273	13	34	142	17	15	393	81
95	Bixel & 6th	29	77	26	27	254	33	49	31	26	82	346	22
96	Figueroa & 6th	0	0	0	0	0	0	314	2,435	0	0	801	161
97	Flower & 6th	0	301	101	0	0	0	0	0	0	364	742	0
98	Grand & 6th	0	299	43	0	0	0	0	0	0	40	904	0
99	Hill & 6th	0	236	61	0	0	0	79	510	0	22	779	18
100	Spring & 6th	0	513	154	0	0	0	0	0	0	155	673	0
101	Main & 6th	0	0	0	0	0	0	83	692	0	0	315	484
102	Figueroa & 5th	0	0	0	461	1,482	0	0	1,519	937	0	0	0
103	Grand & 5th	166	245	0	29	957	129	0	0	0	0	0	0
104	Olive & 5th	184	0	0	36	497	0	0	590	435	0	0	0
105	Hill & 5th	67	209	0	218	330	25	0	515	124	0	0	0
106	Spring & 5th	73	476	0	0	212	167	0	0	0	0	0	0
107	Main & 5th	0	0	0	79	232	0	0	1,050	145	0	0	0
108	Figueroa & 2nd	30	302	28	15	217	56	86	988	535	121	161	33
109	Beaudry & 1st	70	122	31	50	238	23	46	187	54	26	145	34
110	Hope & 1st	39	90	70	73	271	49	170	207	83	77	369	524
111	Grand & 1st	76	245	23	543	289	94	18	103	11	125	222	266
112	Olive & 1st	0	0	0	0	435	37	188	0	486	31	262	0
113	Hill & 1st	33	226	26	23	288	18	25	617	91	17	321	92
114	Spring & 1st	64	250	12	0	199	14	0	0	0	18	296	22
115	Main & 1st	0	0	0	19	232	0	54	854	37	0	317	50
116	Hope & Temple/US-101 Ramps	37	67	75	89	335	43	97	562	58	45	234	117

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Peak Hour Traffic Volumes

117	Main & Aliso	0	0	0	0	0	0	548	534	0	0	415	49
118	Los Angeles & Aliso	0	275	137	0	0	0	8	106	0	35	919	10
119	Grand & I-110 On-Ramp/US-101 Ramps	220	216	0	0	0	0	0	138	848	95	0	29
120	Beaudry & Sunset	17	109	22	22	879	112	71	81	120	274	1,155	56
121	Figueroa & Cesar Chavez	71	170	58	71	844	101	166	252	131	282	943	107
122	Grand & Cesar Chavez	10	56	10	153	454	153	43	40	88	145	370	14
123	Spring & Cesar Chavez	65	62	18	56	993	227	27	6	3	129	732	0
124	Main & Cesar Chavez	0	0	0	31	1,088	0	185	299	128	0	756	57
125	Alameda & Cesar Chavez	127	760	85	47	820	187	112	375	185	336	532	76
126	Main & Alpine	45	158	46	41	170	0	6	206	1	15	124	50
127	Alameda & Alpine	73	194	24	72	55	22	35	239	43	62	27	33
128	Hill & Alpine	37	403	74	125	100	40	18	796	18	9	111	30
129	Hill & College	43	460	146	83	111	43	80	894	15	28	106	75
130	Sunset & Elysian Park	0	516	55	568	0	959	58	870	0	0	0	0
131	Glendale & Bellevue	0	693	89	128	0	307	525	753	0	0	0	0
132	Glendale & Temple	156	473	77	94	291	18	10	1,025	55	47	219	194
133	Alvarado & US 101 NB Ramps	303	807	0	74	0	173	0	714	364	0	0	0
134	Alvarado & US 101 SB Ramps	0	824	147	0	0	0	249	793	0	181	4	228
135	Alvarado & Beverly	97	844	26	46	324	66	50	877	32	58	277	79
136	Vermont & 6th	89	955	69	79	418	84	55	1,118	75	84	393	86
137	Alvarado & 6th	99	787	28	70	375	80	132	791	43	59	357	58
138	Western & Wilshire	91	852	94	87	665	130	97	796	97	86	648	137
139	Normandie & Wilshire	67	391	33	49	1,027	67	90	388	36	43	758	40
140	Vermont & Wilshire	82	1,042	36	103	693	104	68	1,067	86	69	538	128
141	Alvarado & Wilshire	97	742	36	86	688	111	59	871	41	41	435	71
142	Vermont & 8th	94	1,014	51	59	389	32	49	1,111	79	86	290	34
143	Alvarado & 8th	102	671	40	115	348	152	81	772	20	43	212	118
144	Western & Olympic	112	893	194	252	940	118	91	1,127	112	70	703	91
145	Normandie & Olympic	91	529	69	93	1,270	89	73	471	90	71	923	54
146	Vermont & Olympic	142	913	84	115	1,115	140	76	977	96	54	694	160
147	Alvarado & Olympic	298	495	91	68	867	176	119	697	73	36	662	123
148	Union & Olympic	92	517	49	58	846	45	38	482	95	53	693	77
149	Western & Pico	80	855	43	53	463	67	66	851	86	82	426	86
150	Normandie & Pico	40	572	32	36	481	81	108	604	33	68	347	34
151	Vermont & Pico	85	954	69	103	588	205	85	972	106	73	443	71
152	Alvarado & Pico	151	512	78	263	745	349	69	640	42	43	415	189
153	Pico & Union	142	491	56	135	1,183	42	52	475	97	77	467	85
154	Hoover & Alvarado	0	639	0	13	0	886	500	737	0	0	0	0
155	Western & Venice	65	1,038	39	68	485	74	66	1,124	93	75	293	77
156	Normandie & Venice	50	632	36	30	516	36	36	691	85	102	321	65

Traffic Data Received on 10/18/11

Peak Hour Traffic Volumes

157	Vermont & Venice	62	1,105	48	87	514	66	59	1,084	46	65	349	46
158	Hoover & Venice	166	1,276	62	115	421	199	43	960	76	91	218	117
159	Western & Washington	44	974	51	92	459	79	68	993	76	69	268	46
160	Normandie & Washington	41	690	46	47	427	93	101	747	103	89	232	45
161	Vermont & Washington	53	1,159	67	61	529	109	81	1,009	64	46	308	95
162	Hoover & Washington	205	1,236	119	85	440	86	87	846	77	42	302	119
163	I-10 WB Ramp & 20th	0	0	0	0	46	804	287	0	40	23	32	0
164	Vermont & I-10 EB Ramps	0	732	474	0	0	0	159	799	0	254	18	346
165	I-10 EB Ramp & Hoover	0	760	230	0	0	0	235	672	0	228	0	390
166	Hill & Venice	95	1,525	191	4	154	13	16	81	26	577	530	2
167	Broadway & Venice	17	354	3	13	116	10	11	188	29	120	603	11
168	Main & Venice	21	201	3	3	99	5	7	173	16	24	558	36
169	Los Angeles & Venice	6	260	7	9	113	23	3	84	3	28	523	6
170	San Pedro & Venice	103	404	0	116	138	215	0	148	52	529	0	18
171	Central & Venice	108	382	0	62	134	223	0	152	127	0	0	0
172	Central & Washington	30	463	46	39	227	48	25	397	38	111	557	80
173	Wilton Place (ext. of Arlington) & Wilshire	79	579	24	35	689	100	65	619	49	43	710	144
174	Arlington & Olympic	103	495	71	55	941	61	59	508	49	51	732	108
175	Arlington & Pico	72	480	65	59	465	37	42	497	77	55	460	65
176	Arlington & Venice	51	536	29	43	572	42	42	582	48	76	411	25
177	Arlington & Washington	43	624	25	36	454	82	83	584	48	77	320	61
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Appendix C

Construction Noise Calculations

Project: LA Convention Modernization & Farmers Field

Construction Phase: Bond Parking Garage
Demolition

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor
345 Excavator	0	81	40%
Water Truck	1	82	10%
335 Excavator	1	81	40%
966 Loader	1	79	40%
980 Loader	0	79	40%
Street Sweeper	1	82	10%
Skid Steer Loaders	1	79	40%
Light Plants	0	73	50%
Lull RT forklift	0	75	20%
Air Compressor	1	78	40%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	1700	10	41.7
R2	1400	10	43.4
R3	1530	10	42.6
R4	525	10	51.9
R5	900	10	47.2
R6b	590	10	50.9
R7b	1315	10	43.9
R8	1945	10	40.5
R9	2190	10	39.5
R10	2655	10	37.8
R11	3120	10	36.4
R12	3000	10	36.8
R13	2435	10	38.6
R14	2590	10	38.0
R15	2105	10	39.8
R16	2745	10	37.5
R17	2895	10	37.1
R18	1575	10	42.4
R19	1880	10	40.8
R20	2425	10	38.6
R21	2450	10	38.5
R22	1865	10	40.9
R23	1510	10	42.7
R24	1395	10	43.4
R25	1515	10	42.7
R26	640	0	60.2

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Bond Parking Garage
Mass Excavation

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor
345 Excavator	0	81	40%
Water Truck	1	82	10%
335 Excavator	1	81	40%
D8L Dozer	0	79	40%
980 Loader	1	79	40%
Street Sweeper	1	82	10%
Skid Steer Loaders	1	79	40%
Light Plants	4	73	50%
Cat 12 G Patrol	0	85	50%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	1700	10	42.1
R2	1400	10	43.7
R3	1530	10	43.0
R4	525	10	52.3
R5	900	10	47.6
R6b	590	10	51.2
R7b	1315	10	44.3
R8	1945	10	40.9
R9	2190	10	39.9
R10	2655	10	38.2
R11	3120	10	36.8
R12	3000	10	37.1
R13	2435	10	38.9
R14	2590	10	38.4
R15	2105	10	40.2
R16	2745	10	37.9
R17	2895	10	37.4
R18	1575	10	42.7
R19	1880	10	41.2
R20	2425	10	39.0
R21	2450	10	38.9
R22	1865	10	41.2
R23	1510	10	43.1
R24	1395	10	43.8
R25	1515	10	43.1
R26	640	0	60.5

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Bond Parking Garage
Shoring (Not Applicable)

Description	No. of Equip.	Reference Noise Level	Acoustical Usage
		at 50ft, Lmax	Factor
150 crawler crane	0	81	16%
Water Truck	0	82	10%
35 Ton Hydro Crane	0	81	16%
Lull RT forklift	0	75	20%
936 Loader	0	79	40%
Street Sweeper	0	82	10%
Skid Steer Loaders	0	79	40%
Light Plants	0	73	50%
Welder/Generator	0	81	50%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1			#NUM!
R2			#NUM!
R3			#NUM!
R4			#NUM!
R5			#NUM!
R6			#NUM!
R7			#NUM!
R8			#NUM!
R9			#NUM!
R10			#NUM!
R11			#NUM!
R12			#NUM!
R13			#NUM!
R14			#NUM!
R15			#NUM!
R16			#NUM!
R17			#NUM!
R18			#NUM!
R19			#NUM!
R20			#NUM!
R21			#NUM!
R22			#NUM!
R23			#NUM!
R24			#NUM!
R25			#NUM!
R26			#NUM!

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Bond Parking Garage
Foundation

Description	No. of Equip.	Reference Noise Level	Acoustical Usage
		at 50ft, Lmax	Factor
JD 610 loader/backhoe	2	79	40%
Water Truck	0	82	10%
35 Ton Hydro Crane	2	81	16%
Lull RT forklift	1	75	20%
936 Loader	0	79	40%
Street Sweeper	1	82	10%
Skid Steer Loaders	0	79	40%
Light Plants	4	73	50%
Welder/Generator	4	81	50%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	1700	10	45.6
R2	1400	10	47.3
R3	1530	10	46.5
R4	525	10	55.8
R5	900	10	51.1
R6b	590	10	54.8
R7b	1315	10	47.8
R8	1945	10	44.4
R9	2190	10	43.4
R10	2655	10	41.7
R11	3120	10	40.3
R12	3000	10	40.6
R13	2435	10	42.5
R14	2590	10	41.9
R15	2105	10	43.7
R16	2745	10	41.4
R17	2895	10	41.0
R18	1575	10	46.2
R19	1880	10	44.7
R20	2425	10	42.5
R21	2450	10	42.4
R22	1865	10	44.8
R23	1510	10	46.6
R24	1395	10	47.3
R25	1515	10	46.6
R26	640	0	64.1

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Bond Parking Garage
Concrete/Steel/Pre-cast Frame

Description	No. of Equip.	Reference Noise Level	Acoustical Usage
		at 50ft, Lmax	Factor
200 ton crawler crane	1	81	16%
75 ton Hydro Crane	1	81	16%
35 Ton Hydro Crane	1	81	16%
Lull RT forklift	1	75	20%
Small steel roller	0	80	20%
Street Sweeper	1	82	10%
Skid Steer Loaders	2	79	40%
Light Plants	4	73	50%
Welder/Generator	1	81	50%
M-2250 crawler crane	0	81	16%
Concrete pump truck	1	81	20%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	1700	10	43.8
R2	1400	10	45.4
R3	1530	10	44.7
R4	525	10	54.0
R5	900	10	49.3
R6b	590	10	52.9
R7b	1315	10	46.0
R8	1945	10	42.6
R9	2190	10	41.6
R10	2655	10	39.9
R11	3120	10	38.5
R12	3000	10	38.8
R13	2435	10	40.6
R14	2590	10	40.1
R15	2105	10	41.9
R16	2745	10	39.6
R17	2895	10	39.1
R18	1575	10	44.4
R19	1880	10	42.9
R20	2425	10	40.7
R21	2450	10	40.6
R22	1865	10	42.9
R23	1510	10	44.8
R24	1395	10	45.5
R25	1515	10	44.8
R26	640	0	62.2

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Bond Parking Garage
Interior/Exterior

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor
Industrial Forklift	1	78	40%
Sissor Lifts RT	0	78	40%
Zoom Booms	2	78	40%
Lull RT Forklift	0	78	40%
Welder/Generator	2	81	50%
35 Ton Hydro Crane	0	81	16%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	1700	10	42.4
R2	1400	10	44.1
R3	1530	10	43.3
R4	525	10	52.6
R5	900	10	47.9
R6b	590	10	51.6
R7b	1315	10	44.6
R8	1945	10	41.2
R9	2190	10	40.2
R10	2655	10	38.5
R11	3120	10	37.1
R12	3000	10	37.5
R13	2435	10	39.3
R14	2590	10	38.8
R15	2105	10	40.6
R16	2745	10	38.3
R17	2895	10	37.8
R18	1575	10	43.1
R19	1880	10	41.5
R20	2425	10	39.3
R21	2450	10	39.2
R22	1865	10	41.6
R23	1510	10	43.4
R24	1395	10	44.1
R25	1515	10	43.4
R26	640	0	60.9

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Bond Parking Garage
Sitework/Landscaping

Description	No. of Equip.	Reference Noise Level	Acoustical Usage
		at 50ft, Lmax	Factor
Small smooth roller	1	80	20%
Skid steer Loaders	2	79	40%
Lull RT Forklift	0	75	20%
Street Sweeper	1	82	10%
Light Plants	0	73	50%
Welder/Generator	1	81	50%
JD 610 Tractor/Backhoe	1	78	40%
C&G Machine	1	85	50%
25 Ton Hydro Crane	0	81	16%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	1700	10	44.8
R2	1400	10	46.4
R3	1530	10	45.7
R4	525	10	55.0
R5	900	10	50.3
R6b	590	10	53.9
R7b	1315	10	47.0
R8	1945	10	43.6
R9	2190	10	42.6
R10	2655	10	40.9
R11	3120	10	39.5
R12	3000	10	39.8
R13	2435	10	41.6
R14	2590	10	41.1
R15	2105	10	42.9
R16	2745	10	40.6
R17	2895	10	40.1
R18	1575	10	45.4
R19	1880	10	43.9
R20	2425	10	41.7
R21	2450	10	41.6
R22	1865	10	44.0
R23	1510	10	45.8
R24	1395	10	46.5
R25	1515	10	45.8
R26	640	0	63.2

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: PICO STATION 2ND PLATFORM

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor
345 Excavator	0	81	40%
Water Truck	1	82	10%
335 Excavator	1	81	40%
966 Loader	2	79	40%
980 Loader	0	79	40%
Street Sweeper	1	82	10%
Skid Steer Loaders	1	79	40%
Light Plants	1	73	50%
Lull RT forklift	1	75	20%
Air Compressor	1	78	40%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	950	10	47.8
R2	100	0	77.4
R3	550	0	62.6
R4	2400	10	39.8
R5	2700	10	38.8
R6b	2300	10	40.1
R7b	2200	10	40.5
R8	3200	10	37.3
R9	3000	10	37.8
R10	1500	10	43.9
R11	1900	10	41.8
R12	1300	10	45.1
R13	750	0	59.9
R14	600	10	51.8
R15	800	10	49.3
R16	1400	10	44.5
R17	2400	10	39.8
R18	1900	10	41.8
R19	2300	10	40.1
R20	3300	10	37.0
R21	3400	10	36.8
R22	3600	10	36.3
R23	3400	10	36.8
R24	3300	10	37.0
R25	3300	10	37.0
R26	1700	10	42.8

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: New Hall
Demolition

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor
345 Excavator	2	81	40%
Water Truck	1	82	10%
335 Excavator	2	81	40%
966 Loader	2	79	40%
980 Loader	2	79	40%
Street Sweeper	1	82	10%
Skid Steer Loaders	2	79	40%
Light Plants	4	73	50%
Lull RT forklift	1	75	20%
Air Compressor	1	78	40%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	1247	0	59.0
R2	620	10	55.1
R3	880	10	52.0
R4	755	10	53.4
R5	1090	10	50.2
R6b	625	10	55.0
R7b	1065	10	50.4
R8	1830	10	45.7
R9	1965	10	45.1
R10	1990	10	45.0
R11	2701	10	42.3
R12	2220	10	44.0
R13	1630	10	46.7
R14	1755	10	46.0
R15	1400	10	48.0
R16	2150	10	44.3
R17	2640	10	42.5
R18	1520	10	47.3
R19	1855	10	45.6
R20	2555	10	42.8
R21	2595	10	42.6
R22	2090	10	44.5
R23	1720	10	46.2
R24	1600	10	46.8
R25	1590	10	46.9
R26	690	0	64.2

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: New Hall
Mass Excavation

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor
345 Excavator	0	81	40%
Water Truck	1	82	10%
335 Excavator	0	81	40%
D8L Dozer	1	79	40%
980 Loader	0	79	40%
Street Sweeper	1	82	10%
Skid Steer Loaders	2	79	40%
Light Plants	4	73	50%
Cat 12 G Patrol	1	85	50%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	1247	0	57.2
R2	620	10	53.3
R3	880	10	50.2
R4	755	10	51.5
R5	1090	10	48.4
R6b	625	10	53.2
R7b	1065	10	48.6
R8	1830	10	43.8
R9	1965	10	43.2
R10	1990	10	43.1
R11	2701	10	40.5
R12	2220	10	42.2
R13	1630	10	44.9
R14	1755	10	44.2
R15	1400	10	46.2
R16	2150	10	42.4
R17	2640	10	40.7
R18	1520	10	45.5
R19	1855	10	43.7
R20	2555	10	41.0
R21	2595	10	40.8
R22	2090	10	42.7
R23	1720	10	44.4
R24	1600	10	45.0
R25	1590	10	45.1
R26	690	0	62.3

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: New Hall
Shoring (Not Applicable for Pico Hall)

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor
150 crawler crane	0	81	16%
Water Truck	0	82	10%
35 Ton Hydro Crane	0	81	16%
Lull RT forklift	0	75	20%
936 Loader	0	79	40%
Street Sweeper	0	82	10%
Skid Steer Loaders	0	79	40%
Light Plants	0	73	50%
Welder/Generator	0	81	50%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1			#NUM!
R2			#NUM!
R3			#NUM!
R4			#NUM!
R5			#NUM!
R6			#NUM!
R7			#NUM!
R8			#NUM!
R9			#NUM!
R10			#NUM!
R11			#NUM!
R12			#NUM!
R13			#NUM!
R14			#NUM!
R15			#NUM!
R16			#NUM!
R17			#NUM!
R18			#NUM!
R19			#NUM!
R20			#NUM!
R21			#NUM!
R22			#NUM!
R23			#NUM!
R24			#NUM!
R25	1590		-19.6
R26	690	0	-12.4

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: New Hall
Caisson - Deep Foundation (Drilled Piles)

Description	No. of Equip.	Reference Noise Level	Acoustical Usage
		at 50ft, Lmax	Factor
Cat 325 excavator	2	81	40%
Water Truck	1	82	10%
35 Ton Hydro Crane	1	81	16%
Lull RT forklift	1	75	20%
936 Loader	1	79	40%
Street Sweeper	1	82	10%
Skid Steer Loaders	2	79	40%
Light Plants	4	73	50%
Welder/Generator	1	81	50%
Auger Drill Rig (for piles)	1	84	20%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	1247	0	58.2
R2	620	10	54.2
R3	880	10	51.2
R4	755	10	52.5
R5	1090	10	49.3
R6b	625	10	54.2
R7b	1065	10	49.5
R8	1830	10	44.8
R9	1965	10	44.2
R10	1990	10	44.1
R11	2701	10	41.4
R12	2220	10	43.2
R13	1630	10	45.8
R14	1755	10	45.2
R15	1400	10	47.2
R16	2150	10	43.4
R17	2640	10	41.6
R18	1520	10	46.4
R19	1855	10	44.7
R20	2555	10	41.9
R21	2595	10	41.8
R22	2090	10	43.7
R23	1720	10	45.4
R24	1600	10	46.0
R25	1590	10	46.1
R26	690	0	63.3

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: New Hall
Caisson - Deep Foundation (Driven Piles)

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor
Cat 325 excavator	2	81	40%
Water Truck	1	82	10%
35 Ton Hydro Crane	1	81	16%
Lull RT forklift	1	75	20%
936 Loader	1	79	40%
Street Sweeper	1	82	10%
Skid Steer Loaders	2	79	40%
Light Plants	4	73	50%
Welder/Generator	1	81	50%
Impact Pile Drivers	1	101	20%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	1247	0	66.6
R2	620	10	62.7
R3	880	10	59.7
R4	755	10	61.0
R5	1090	10	57.8
R6b	625	10	62.6
R7b	1065	10	58.0
R8	1830	10	53.3
R9	1965	10	52.7
R10	1990	10	52.6
R11	2701	10	49.9
R12	2220	10	51.6
R13	1630	10	54.3
R14	1755	10	53.7
R15	1400	10	55.6
R16	2150	10	51.9
R17	2640	10	50.1
R18	1520	10	54.9
R19	1855	10	53.2
R20	2555	10	50.4
R21	2595	10	50.3
R22	2090	10	52.2
R23	1720	10	53.9
R24	1600	10	54.5
R25	1590	10	54.5
R26	690	0	71.8

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: New Hall
Concrete/Steel/Pre-cast Frame

Description	No. of Equip.	Reference Noise Level	Acoustical Usage
		at 50ft, Lmax	Factor
200 ton crawler crane	1	81	16%
75 ton Hydro Crane	1	81	16%
35 Ton Hydro Crane	1	81	16%
Lull RT forklift	1	75	20%
936 Loader	0	79	40%
Street Sweeper	1	82	10%
Skid Steer Loaders	0	79	40%
Light Plants	4	73	50%
Welder/Generator	4	81	50%
M-2250 crawler crane	1	81	16%
Zoom Booms	3	78	40%
Concrete pump truck	1	81	20%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	1247	0	59.0
R2	620	10	55.1
R3	880	10	52.0
R4	755	10	53.4
R5	1090	10	50.2
R6b	625	10	55.0
R7b	1065	10	50.4
R8	1830	10	45.7
R9	1965	10	45.1
R10	1990	10	45.0
R11	2701	10	42.3
R12	2220	10	44.0
R13	1630	10	46.7
R14	1755	10	46.0
R15	1400	10	48.0
R16	2150	10	44.3
R17	2640	10	42.5
R18	1520	10	47.3
R19	1855	10	45.6
R20	2555	10	42.8
R21	2595	10	42.6
R22	2090	10	44.5
R23	1720	10	46.2
R24	1600	10	46.8
R25	1590	10	46.9
R26	690	0	64.2

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: New Hall
Interior

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor
Industrial Forklift	6	78	40%
Sissor Lifts RT	8	78	40%
Zoom Booms	14	78	40%
Lull RT Forklift	3	78	40%
Welder/Generator	6	81	50%
35 Ton Hydro Crane	2	81	16%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	1247	0	62.9
R2	620	10	58.9
R3	880	10	55.9
R4	755	10	57.2
R5	1090	10	54.0
R6b	625	10	58.9
R7b	1065	10	54.2
R8	1830	10	49.5
R9	1965	10	48.9
R10	1990	10	48.8
R11	2701	10	46.1
R12	2220	10	47.8
R13	1630	10	50.5
R14	1755	10	49.9
R15	1400	10	51.8
R16	2150	10	48.1
R17	2640	10	46.3
R18	1520	10	51.1
R19	1855	10	49.4
R20	2555	10	46.6
R21	2595	10	46.5
R22	2090	10	48.4
R23	1720	10	50.1
R24	1600	10	50.7
R25	1590	10	50.7
R26	690	0	68.0

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: New Hall
Sitework/Landscaping

Description	No. of Equip.	Reference Noise Level	Acoustical Usage
		at 50ft, Lmax	Factor
Cat 12 G Patrol	0	85	50%
66" smooth roller	2	80	20%
skid steer Loaders	2	79	40%
Lull RT Forklift	1	75	20%
Street Sweeper	1	82	10%
Light Plants	0	73	50%
Welder/Generator	1	81	50%
JD 610 Tractor/Backhoe	1	78	40%
C&G Machine	1	85	50%
25 Ton Hydro Crane	1	81	16%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	1247	0	58.0
R2	620	10	54.1
R3	880	10	51.0
R4	755	10	52.4
R5	1090	10	49.2
R6b	625	10	54.0
R7b	1065	10	49.4
R8	1830	10	44.7
R9	1965	10	44.0
R10	1990	10	43.9
R11	2701	10	41.3
R12	2220	10	43.0
R13	1630	10	45.7
R14	1755	10	45.0
R15	1400	10	47.0
R16	2150	10	43.3
R17	2640	10	41.5
R18	1520	10	46.3
R19	1855	10	44.5
R20	2555	10	41.8
R21	2595	10	41.6
R22	2090	10	43.5
R23	1720	10	45.2
R24	1600	10	45.8
R25	1590	10	45.9
R26	690	0	63.1

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Farmers Field
Demolition

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor
345 Excavator	2	81	40%
Water Truck	1	82	10%
335 Excavator	2	81	40%
966 Loader	1	79	40%
980 Loader	2	79	40%
Street Sweeper	1	82	10%
Skid Steer Loaders	2	79	40%
Light Plants	4	73	50%
Lull RT forklift	1	75	20%
Air Compressor	1	78	40%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	465	0	67.3
R2	680	10	54.0
R3	1125	10	49.6
R4	1220	10	48.9
R5	1215	10	48.9
R6b	610	10	54.9
R7b	420	10	58.2
R8	1385	10	47.8
R9	1270	10	48.6
R10	1300	10	48.4
R11	2075	10	44.3
R12	1725	10	45.9
R13	1245	10	48.7
R14	1730	10	45.9
R15	1575	10	46.7
R16	2365	10	43.2
R17	2965	10	41.2
R18	2000	10	44.6
R19	2365	10	43.2
R20	3115	10	40.8
R21	3155	10	40.7
R22	2555	10	42.5
R23	1905	10	45.0
R24	1590	10	46.6
R25	1530	10	46.9
R26	1250	10	48.7

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Farmers Field
Mass Excavation

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor
345 Excavator	2	81	40%
Water Truck	1	82	10%
335 Excavator	1	81	40%
D8L Dozer	2	79	40%
980 Loader	2	79	40%
Street Sweeper	1	82	10%
Skid Steer Loaders	2	79	40%
Light Plants	4	73	50%
Cat 12 G Patrol	1	85	50%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	465	0	68.2
R2	680	10	54.9
R3	1125	10	50.5
R4	1220	10	49.8
R5	1215	10	49.9
R6b	610	10	55.8
R7b	420	10	59.1
R8	1385	10	48.7
R9	1270	10	49.5
R10	1300	10	49.3
R11	2075	10	45.2
R12	1725	10	46.8
R13	1245	10	49.6
R14	1730	10	46.8
R15	1575	10	47.6
R16	2365	10	44.1
R17	2965	10	42.1
R18	2000	10	45.5
R19	2365	10	44.1
R20	3115	10	41.7
R21	3155	10	41.6
R22	2555	10	43.4
R23	1905	10	46.0
R24	1590	10	47.5
R25	1530	10	47.9
R26	1250	10	49.6

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

**Construction Phase: Farmers Field
Shoring**

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor
150 crawler crane	2	81	16%
Water Truck	1	82	10%
35 Ton Hydro Crane	2	81	16%
Lull RT forklift	1	75	20%
936 Loader	1	79	40%
Street Sweeper	1	82	10%
Skid Steer Loaders	1	79	40%
Light Plants	4	73	50%
Welder/Generator	1	81	50%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	465	0	65.2
R2	680	10	51.9
R3	1125	10	47.5
R4	1220	10	46.8
R5	1215	10	46.8
R6b	610	10	52.8
R7b	420	10	56.1
R8	1385	10	45.7
R9	1270	10	46.5
R10	1300	10	46.2
R11	2075	10	42.2
R12	1725	10	43.8
R13	1245	10	46.6
R14	1730	10	43.8
R15	1575	10	44.6
R16	2365	10	41.1
R17	2965	10	39.1
R18	2000	10	42.5
R19	2365	10	41.1
R20	3115	10	38.7
R21	3155	10	38.5
R22	2555	10	40.4
R23	1905	10	42.9
R24	1590	10	44.5
R25	1530	10	44.8
R26	1250	10	46.6

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Farmers Field
Caisson - Deep Foundation (Drilled Piles)

Description	No. of Equip.	Reference Noise Level	Acoustical Usage
		at 50ft, Lmax	Factor
150 crawler crane	3	81	16%
Water Truck	1	82	10%
35 Ton Hydro Crane	2	81	16%
Lull RT forklift	2	75	20%
936 Loader	1	79	40%
Street Sweeper	1	82	10%
Skid Steer Loaders	1	79	40%
Light Plants	4	73	50%
Welder/Generator	1	81	50%
Auger Drill Rig (for piles)	1	84	20%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	465	0	66.2
R2	680	10	52.9
R3	1125	10	48.5
R4	1220	10	47.8
R5	1215	10	47.9
R6b	610	10	53.9
R7b	420	10	57.1
R8	1385	10	46.7
R9	1270	10	47.5
R10	1300	10	47.3
R11	2075	10	43.2
R12	1725	10	44.8
R13	1245	10	47.7
R14	1730	10	44.8
R15	1575	10	45.6
R16	2365	10	42.1
R17	2965	10	40.1
R18	2000	10	43.5
R19	2365	10	42.1
R20	3115	10	39.7
R21	3155	10	39.6
R22	2555	10	41.4
R23	1905	10	44.0
R24	1590	10	45.5
R25	1530	10	45.9
R26	1250	10	47.6

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Farmers Field
Caisson - Deep Foundation (Driven Piles)

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor
150 crawler crane	3	81	16%
Water Truck	1	82	10%
35 Ton Hydro Crane	2	81	16%
Lull RT forklift	2	75	20%
936 Loader	1	79	40%
Street Sweeper	1	82	10%
Skid Steer Loaders	1	79	40%
Light Plants	4	73	50%
Welder/Generator	1	81	50%
Impact Pile Drivers	1	101	20%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	465	0	75.1
R2	680	10	61.8
R3	1125	10	57.5
R4	1220	10	56.8
R5	1215	10	56.8
R6b	610	10	62.8
R7b	420	10	66.0
R8	1385	10	55.7
R9	1270	10	56.4
R10	1300	10	56.2
R11	2075	10	52.2
R12	1725	10	53.8
R13	1245	10	56.6
R14	1730	10	53.7
R15	1575	10	54.6
R16	2365	10	51.0
R17	2965	10	49.1
R18	2000	10	52.5
R19	2365	10	51.0
R20	3115	10	48.6
R21	3155	10	48.5
R22	2555	10	50.3
R23	1905	10	52.9
R24	1590	10	54.5
R25	1530	10	54.8
R26	1250	10	56.6

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Farmers Field
Concrete/Steel/Pre-cast Frame

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor
200 ton crawler crane	2	81	16%
75 ton Hydro Crane	1	81	16%
35 Ton Hydro Crane	1	81	16%
Lull RT forklift	2	75	20%
936 Loader	1	79	40%
Street Sweeper	1	82	10%
Skid Steer Loaders	2	79	40%
Light Plants	4	73	50%
Welder/Generator	4	81	50%
M-2250 crawler crane	1	81	16%
Small steel roller	1	80	20%
Concrete pump truck	2	81	20%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	465	0	68.3
R2	680	10	55.0
R3	1125	10	50.6
R4	1220	10	49.9
R5	1215	10	50.0
R6b	610	10	56.0
R7b	420	10	59.2
R8	1385	10	48.8
R9	1270	10	49.6
R10	1300	10	49.4
R11	2075	10	45.3
R12	1725	10	46.9
R13	1245	10	49.8
R14	1730	10	46.9
R15	1575	10	47.7
R16	2365	10	44.2
R17	2965	10	42.2
R18	2000	10	45.6
R19	2365	10	44.2
R20	3115	10	41.8
R21	3155	10	41.7
R22	2555	10	43.5
R23	1905	10	46.1
R24	1590	10	47.6
R25	1530	10	48.0
R26	1250	10	49.7

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Farmers Field
Interior

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor
Industrial Forklift	12	78	40%
Sissor Lifts RT	4	78	40%
Zoom Booms	20	78	40%
Lull RT Forklift	2	78	40%
Welder/Generator	2	81	50%
35 Ton Hydro Crane	3	81	16%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	465	0	71.2
R2	680	10	57.9
R3	1125	10	53.5
R4	1220	10	52.8
R5	1215	10	52.9
R6b	610	10	58.9
R7b	420	10	62.1
R8	1385	10	51.7
R9	1270	10	52.5
R10	1300	10	52.3
R11	2075	10	48.2
R12	1725	10	49.8
R13	1245	10	52.7
R14	1730	10	49.8
R15	1575	10	50.6
R16	2365	10	47.1
R17	2965	10	45.1
R18	2000	10	48.5
R19	2365	10	47.1
R20	3115	10	44.7
R21	3155	10	44.6
R22	2555	10	46.4
R23	1905	10	49.0
R24	1590	10	50.5
R25	1530	10	50.9
R26	1250	10	52.6

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Farmers Field
Sitework/Landscaping

Description	No. of Equip.	Reference Noise Level	Acoustical Usage
		at 50ft, Lmax	Factor
Cat 12 G Patrol	1	85	50%
66" smooth roller	1	80	20%
skid steer Loaders	2	79	40%
Lull RT Forklift	1	75	20%
Street Sweeper	1	82	10%
Light Plants	4	73	50%
Welder/Generator	1	81	50%
JD 610 Tractor/Backhoe	1	78	40%
C&G Machine	1	85	50%
25 Ton Hydro Crane	1	81	16%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	465	0	68.2
R2	680	10	54.9
R3	1125	10	50.5
R4	1220	10	49.8
R5	1215	10	49.8
R6b	610	10	55.8
R7b	420	10	59.1
R8	1385	10	48.7
R9	1270	10	49.5
R10	1300	10	49.3
R11	2075	10	45.2
R12	1725	10	46.8
R13	1245	10	49.6
R14	1730	10	46.8
R15	1575	10	47.6
R16	2365	10	44.1
R17	2965	10	42.1
R18	2000	10	45.5
R19	2365	10	44.1
R20	3115	10	41.7
R21	3155	10	41.6
R22	2555	10	43.4
R23	1905	10	45.9
R24	1590	10	47.5
R25	1530	10	47.8
R26	1250	10	49.6

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Farmers Field
Playing Field

Description	No. of Equip.	Reference Noise Level	Acoustical Usage
		at 50ft, Lmax	Factor
325 excavator	2	81	40%
JD 610 Tractor/Backhoe	2	78	40%
66" smooth roller	2	80	20%
skid steer Loaders	2	79	40%
Water Truck	1	82	10%
Sod Laying Machine	1	79	40%
Trenching Machines	2	80	50%
936 Loader	1	79	40%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	680	15	48.7
R2	1025	15	45.1
R3	1470	15	42.0
R4	1520	15	41.7
R5	1540	15	41.6
R6	875	15	46.5
R7b	740	15	48.0
R8	1690	15	40.8
R9	1590	15	41.3
R10	1645	15	41.0
R11	2420	15	37.7
R12	2070	15	39.0
R13	1570	15	41.4
R14	2005	15	39.3
R15	1920	15	39.7
R16	2715	15	36.7
R17	3285	15	35.0
R18	2240	15	38.4
R19	2590	15	37.1
R20	3320	15	34.9
R21	3385	15	34.8
R22	2865	15	36.2
R23	2230	15	38.4
R24	1880	15	39.9
R25	1795	15	40.3
R26	1470	15	42.0

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

**Construction Phase: LA LIVE Garage
Demolition**

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor
345 Excavator	3	81	40%
Water Truck	1	82	10%
335 Excavator	2	81	40%
966 Loader	2	79	40%
980 Loader	1	79	40%
Street Sweeper	1	82	10%
Skid Steer Loaders	2	79	40%
Light Plants	4	73	50%
Lull RT forklift	1	75	20%
Air Compressor	1	78	40%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	855	10	52.4
R2	1455	10	47.8
R3	1700	10	46.5
R4	890	10	52.1
R5	810	10	52.9
R6b	275	10	62.3
R7b	250	10	63.1
R8	1155	10	49.8
R9	1080	10	50.4
R10	1925	10	45.4
R11	2710	10	42.4
R12	2480	10	43.2
R13	2065	10	44.8
R14	2570	10	42.9
R15	1450	10	47.9
R16	2670	10	42.6
R17	3280	10	40.8
R18	2015	10	45.0
R19	2315	10	43.8
R20	2910	10	41.8
R21	2925	10	41.8
R22	2190	10	44.3
R23	1495	10	47.6
R24	1235	10	49.3
R25	1210	10	49.4
R26	1120	0	60.1

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: LA LIVE Garage
Mass Excavation

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor
345 Excavator	2	81	40%
Water Truck	1	82	10%
335 Excavator	0	81	40%
D8L Dozer	1	79	40%
980 Loader	1	79	40%
Street Sweeper	1	82	10%
Skid Steer Loaders	2	79	40%
Light Plants	4	73	50%
Cat 12 G Patrol	1	85	50%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	855	10	51.9
R2	1455	10	47.3
R3	1700	10	46.0
R4	890	10	51.6
R5	810	10	52.4
R6b	275	10	61.8
R7b	250	10	62.6
R8	1155	10	49.3
R9	1080	10	49.9
R10	1925	10	44.9
R11	2710	10	41.9
R12	2480	10	42.7
R13	2065	10	44.3
R14	2570	10	42.4
R15	1450	10	47.4
R16	2670	10	42.1
R17	3280	10	40.3
R18	2015	10	44.5
R19	2315	10	43.3
R20	2910	10	41.3
R21	2925	10	41.3
R22	2190	10	43.8
R23	1495	10	47.1
R24	1235	10	48.8
R25	1210	10	48.9
R26	1120	0	59.6

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: LA LIVE Garage
Shoring (Not Applicable)

Description	No. of Equip.	Reference Noise Level	Acoustical Usage
		at 50ft, Lmax	Factor
150 crawler crane	0	81	16%
Water Truck	0	82	10%
35 Ton Hydro Crane	0	81	16%
Lull RT forklift	0	75	20%
936 Loader	0	79	40%
Street Sweeper	0	82	10%
Skid Steer Loaders	0	79	40%
Light Plants	0	73	50%
Welder/Generator	0	81	50%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1			#NUM!
R2			#NUM!
R3			#NUM!
R4			#NUM!
R5			#NUM!
R6			#NUM!
R7			#NUM!
R8			#NUM!
R9			#NUM!
R10			#NUM!
R11			#NUM!
R12			#NUM!
R13			#NUM!
R14			#NUM!
R15			#NUM!
R16			#NUM!
R17			#NUM!
R18			#NUM!
R19			#NUM!
R20			#NUM!
R21			#NUM!
R22			#NUM!
R23			#NUM!
R24			#NUM!
R25	1210		-17.3
R26	1120	0	-16.6

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: LA LIVE Garage
Caisson - Deep Foundation (Not Applicable)

Description	No. of Equip.	Reference Noise Level	Acoustical Usage
		at 50ft, Lmax	Factor
JD 610 loader/backhoe	2	79	40%
Water Truck	0	82	10%
35 Ton Hydro Crane	2	81	16%
Lull RT forklift	1	75	20%
936 Loader	0	79	40%
Street Sweeper	1	82	10%
Skid Steer Loaders	0	79	40%
Light Plants	4	73	50%
Welder/Generator	4	81	50%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	855	10	51.5
R2	1455	10	46.9
R3	1700	10	45.6
R4	890	10	51.2
R5	810	10	52.0
R6b	275	10	61.4
R7b	250	10	62.2
R8	1155	10	48.9
R9	1080	10	49.5
R10	1925	10	44.5
R11	2710	10	41.5
R12	2480	10	42.3
R13	2065	10	43.9
R14	2570	10	42.0
R15	1450	10	47.0
R16	2670	10	41.7
R17	3280	10	39.9
R18	2015	10	44.1
R19	2315	10	42.9
R20	2910	10	40.9
R21	2925	10	40.9
R22	2190	10	43.4
R23	1495	10	46.7
R24	1235	10	48.4
R25	1210	10	48.5
R26	1120	0	59.2

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: LA LIVE Garage
Concrete/Steel/Pre-cast Frame

Description	No. of Equip.	Reference Noise Level	Acoustical Usage
		at 50ft, Lmax	Factor
200 ton crawler crane	2	81	16%
75 ton Hydro Crane	1	81	16%
35 Ton Hydro Crane	2	81	16%
Lull RT forklift	2	75	20%
Small steel roller	0	80	20%
Street Sweeper	1	82	10%
Skid Steer Loaders	2	79	40%
Light Plants	4	73	50%
Welder/Generator	4	81	50%
M-2250 crawler crane	1	81	16%
Concrete pump truck	2	81	20%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	855	10	52.8
R2	1455	10	48.2
R3	1700	10	46.8
R4	890	10	52.4
R5	810	10	53.3
R6b	275	10	62.6
R7b	250	10	63.5
R8	1155	10	50.2
R9	1080	10	50.8
R10	1925	10	45.7
R11	2710	10	42.8
R12	2480	10	43.5
R13	2065	10	45.1
R14	2570	10	43.2
R15	1450	10	48.2
R16	2670	10	42.9
R17	3280	10	41.1
R18	2015	10	45.3
R19	2315	10	44.1
R20	2910	10	42.1
R21	2925	10	42.1
R22	2190	10	44.6
R23	1495	10	47.9
R24	1235	10	49.6
R25	1210	10	49.8
R26	1120	0	60.4

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: LA LIVE Garage
Interior/Exterior

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor
Industrial Forklift	3	78	40%
Sissor Lifts RT	0	78	40%
Zoom Booms	4	78	40%
Lull RT Forklift	1	78	40%
Welder/Generator	0	81	50%
35 Ton Hydro Crane	1	81	16%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	855	10	48.8
R2	1455	10	44.2
R3	1700	10	42.8
R4	890	10	48.5
R5	810	10	49.3
R6b	275	10	58.7
R7b	250	10	59.5
R8	1155	10	46.2
R9	1080	10	46.8
R10	1925	10	41.8
R11	2710	10	38.8
R12	2480	10	39.6
R13	2065	10	41.1
R14	2570	10	39.2
R15	1450	10	44.2
R16	2670	10	38.9
R17	3280	10	37.1
R18	2015	10	41.4
R19	2315	10	40.2
R20	2910	10	38.2
R21	2925	10	38.1
R22	2190	10	40.6
R23	1495	10	44.0
R24	1235	10	45.6
R25	1210	10	45.8
R26	1120	0	56.5

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: LA LIVE Garage
Sitework/Landscaping

Description	No. of Equip.	Reference Noise Level	Acoustical Usage
		at 50ft, Lmax	Factor
Small smooth roller	1	80	20%
Skid steer Loaders	2	79	40%
Lull RT Forklift	1	75	20%
Street Sweeper	1	82	10%
Light Plants	0	73	50%
Welder/Generator	1	81	50%
JD 610 Tractor/Backhoe	1	78	40%
C&G Machine	1	85	50%
25 Ton Hydro Crane	1	81	16%

Receptor	Distance to Equipment, ft	Estimated Noise Shielding, dBA	Calculated Noise Levels, dBA Leq
R1	855	10	51.0
R2	1455	10	46.4
R3	1700	10	45.1
R4	890	10	50.7
R5	810	10	51.5
R6b	275	10	60.9
R7b	250	10	61.7
R8	1155	10	48.4
R9	1080	10	49.0
R10	1925	10	44.0
R11	2710	10	41.0
R12	2480	10	41.8
R13	2065	10	43.4
R14	2570	10	41.5
R15	1450	10	46.5
R16	2670	10	41.2
R17	3280	10	39.4
R18	2015	10	43.6
R19	2315	10	42.4
R20	2910	10	40.4
R21	2925	10	40.4
R22	2190	10	42.9
R23	1495	10	46.2
R24	1235	10	47.9
R25	1210	10	48.0
R26	1120	0	58.7

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	1700	10
Dump/Haul Trucks	1	76	40%	1710	10
Dump/Haul Trucks	1	76	40%	1720	10
Dump/Haul Trucks	1	76	40%	1730	10
Dump/Haul Trucks	1	76	40%	1740	10
Dump/Haul Trucks	1	76	40%	1750	10
Dump/Haul Trucks	1	76	40%	1760	10
Dump/Haul Trucks	1	76	40%	1770	10
Dump/Haul Trucks	1	76	40%	1780	10
Dump/Haul Trucks	1	76	40%	1790	10
Dump/Haul Trucks	1	76	40%	1800	10
Dump/Haul Trucks	1	76	40%	1810	10
Dump/Haul Trucks	1	76	40%	1820	10
Dump/Haul Trucks	1	76	40%	1830	10
Dump/Haul Trucks	1	76	40%	1840	10
Dump/Haul Trucks	1	76	40%	1850	10
Dump/Haul Trucks	1	76	40%	1860	10
Dump/Haul Trucks	1	76	40%	1870	10
Dump/Haul Trucks	1	76	40%	1880	10
Dump/Haul Trucks	1	76	40%	1890	10

Receptor: R1

Results:

Hourly Leq: 43.9

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	1455	10
Dump/Haul Trucks	1	76	40%	1465	10
Dump/Haul Trucks	1	76	40%	1475	10
Dump/Haul Trucks	1	76	40%	1485	10
Dump/Haul Trucks	1	76	40%	1495	10
Dump/Haul Trucks	1	76	40%	1505	10
Dump/Haul Trucks	1	76	40%	1515	10
Dump/Haul Trucks	1	76	40%	1525	10
Dump/Haul Trucks	1	76	40%	1535	10
Dump/Haul Trucks	1	76	40%	1545	10
Dump/Haul Trucks	1	76	40%	1555	10
Dump/Haul Trucks	1	76	40%	1565	10
Dump/Haul Trucks	1	76	40%	1575	10
Dump/Haul Trucks	1	76	40%	1585	10
Dump/Haul Trucks	1	76	40%	1595	10
Dump/Haul Trucks	1	76	40%	1605	10
Dump/Haul Trucks	1	76	40%	1615	10
Dump/Haul Trucks	1	76	40%	1625	10
Dump/Haul Trucks	1	76	40%	1635	10
Dump/Haul Trucks	1	76	40%	1645	10

Receptor: R2

Results:

Hourly Leq: 45.2

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	1700	10
Dump/Haul Trucks	1	76	40%	1710	10
Dump/Haul Trucks	1	76	40%	1720	10
Dump/Haul Trucks	1	76	40%	1730	10
Dump/Haul Trucks	1	76	40%	1740	10
Dump/Haul Trucks	1	76	40%	1750	10
Dump/Haul Trucks	1	76	40%	1760	10
Dump/Haul Trucks	1	76	40%	1770	10
Dump/Haul Trucks	1	76	40%	1780	10
Dump/Haul Trucks	1	76	40%	1790	10
Dump/Haul Trucks	1	76	40%	1800	10
Dump/Haul Trucks	1	76	40%	1810	10
Dump/Haul Trucks	1	76	40%	1820	10
Dump/Haul Trucks	1	76	40%	1830	10
Dump/Haul Trucks	1	76	40%	1840	10
Dump/Haul Trucks	1	76	40%	1850	10
Dump/Haul Trucks	1	76	40%	1860	10
Dump/Haul Trucks	1	76	40%	1870	10
Dump/Haul Trucks	1	76	40%	1880	10
Dump/Haul Trucks	1	76	40%	1890	10

Receptor: R3

Results:

Hourly Leq: 43.9

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	890	10
Dump/Haul Trucks	1	76	40%	900	10
Dump/Haul Trucks	1	76	40%	910	10
Dump/Haul Trucks	1	76	40%	920	10
Dump/Haul Trucks	1	76	40%	930	10
Dump/Haul Trucks	1	76	40%	940	10
Dump/Haul Trucks	1	76	40%	950	10
Dump/Haul Trucks	1	76	40%	960	10
Dump/Haul Trucks	1	76	40%	970	10
Dump/Haul Trucks	1	76	40%	980	10
Dump/Haul Trucks	1	76	40%	990	10
Dump/Haul Trucks	1	76	40%	1000	10
Dump/Haul Trucks	1	76	40%	1010	10
Dump/Haul Trucks	1	76	40%	1020	10
Dump/Haul Trucks	1	76	40%	1030	10
Dump/Haul Trucks	1	76	40%	1040	10
Dump/Haul Trucks	1	76	40%	1050	10
Dump/Haul Trucks	1	76	40%	1060	10
Dump/Haul Trucks	1	76	40%	1070	10
Dump/Haul Trucks	1	76	40%	1080	10

Receptor: R4

Results:

Hourly Leq: 49.2

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	810	10
Dump/Haul Trucks	1	76	40%	820	10
Dump/Haul Trucks	1	76	40%	830	10
Dump/Haul Trucks	1	76	40%	840	10
Dump/Haul Trucks	1	76	40%	850	10
Dump/Haul Trucks	1	76	40%	860	10
Dump/Haul Trucks	1	76	40%	870	10
Dump/Haul Trucks	1	76	40%	880	10
Dump/Haul Trucks	1	76	40%	890	10
Dump/Haul Trucks	1	76	40%	900	10
Dump/Haul Trucks	1	76	40%	910	10
Dump/Haul Trucks	1	76	40%	920	10
Dump/Haul Trucks	1	76	40%	930	10
Dump/Haul Trucks	1	76	40%	940	10
Dump/Haul Trucks	1	76	40%	950	10
Dump/Haul Trucks	1	76	40%	960	10
Dump/Haul Trucks	1	76	40%	970	10
Dump/Haul Trucks	1	76	40%	980	10
Dump/Haul Trucks	1	76	40%	990	10
Dump/Haul Trucks	1	76	40%	1000	10

Receptor: R5

Results:

Hourly Leq: 49.9

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	400	10
Dump/Haul Trucks	1	76	40%	410	10
Dump/Haul Trucks	1	76	40%	420	10
Dump/Haul Trucks	1	76	40%	430	10
Dump/Haul Trucks	1	76	40%	440	10
Dump/Haul Trucks	1	76	40%	450	10
Dump/Haul Trucks	1	76	40%	460	10
Dump/Haul Trucks	1	76	40%	470	10
Dump/Haul Trucks	1	76	40%	480	10
Dump/Haul Trucks	1	76	40%	490	10
Dump/Haul Trucks	1	76	40%	500	10
Dump/Haul Trucks	1	76	40%	510	10
Dump/Haul Trucks	1	76	40%	520	10
Dump/Haul Trucks	1	76	40%	530	10
Dump/Haul Trucks	1	76	40%	540	10
Dump/Haul Trucks	1	76	40%	550	10
Dump/Haul Trucks	1	76	40%	560	10
Dump/Haul Trucks	1	76	40%	570	10
Dump/Haul Trucks	1	76	40%	580	10
Dump/Haul Trucks	1	76	40%	590	10

Receptor: R6

Results:

Hourly Leq: 55.3

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	250	10
Dump/Haul Trucks	1	76	40%	260	10
Dump/Haul Trucks	1	76	40%	270	10
Dump/Haul Trucks	1	76	40%	280	10
Dump/Haul Trucks	1	76	40%	290	10
Dump/Haul Trucks	1	76	40%	300	10
Dump/Haul Trucks	1	76	40%	310	10
Dump/Haul Trucks	1	76	40%	320	10
Dump/Haul Trucks	1	76	40%	330	10
Dump/Haul Trucks	1	76	40%	340	10
Dump/Haul Trucks	1	76	40%	350	10
Dump/Haul Trucks	1	76	40%	360	10
Dump/Haul Trucks	1	76	40%	370	10
Dump/Haul Trucks	1	76	40%	380	10
Dump/Haul Trucks	1	76	40%	390	10
Dump/Haul Trucks	1	76	40%	400	10
Dump/Haul Trucks	1	76	40%	410	10
Dump/Haul Trucks	1	76	40%	420	10
Dump/Haul Trucks	1	76	40%	430	10
Dump/Haul Trucks	1	76	40%	440	10

Receptor: R7

Results:

Hourly Leq: 58.6

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	1155	10
Dump/Haul Trucks	1	76	40%	1165	10
Dump/Haul Trucks	1	76	40%	1175	10
Dump/Haul Trucks	1	76	40%	1185	10
Dump/Haul Trucks	1	76	40%	1195	10
Dump/Haul Trucks	1	76	40%	1205	10
Dump/Haul Trucks	1	76	40%	1215	10
Dump/Haul Trucks	1	76	40%	1225	10
Dump/Haul Trucks	1	76	40%	1235	10
Dump/Haul Trucks	1	76	40%	1245	10
Dump/Haul Trucks	1	76	40%	1255	10
Dump/Haul Trucks	1	76	40%	1265	10
Dump/Haul Trucks	1	76	40%	1275	10
Dump/Haul Trucks	1	76	40%	1285	10
Dump/Haul Trucks	1	76	40%	1295	10
Dump/Haul Trucks	1	76	40%	1305	10
Dump/Haul Trucks	1	76	40%	1315	10
Dump/Haul Trucks	1	76	40%	1325	10
Dump/Haul Trucks	1	76	40%	1335	10
Dump/Haul Trucks	1	76	40%	1345	10

Receptor: R8

Results:

Hourly Leq: 47.1

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	1080	10
Dump/Haul Trucks	1	76	40%	1090	10
Dump/Haul Trucks	1	76	40%	1100	10
Dump/Haul Trucks	1	76	40%	1110	10
Dump/Haul Trucks	1	76	40%	1120	10
Dump/Haul Trucks	1	76	40%	1130	10
Dump/Haul Trucks	1	76	40%	1140	10
Dump/Haul Trucks	1	76	40%	1150	10
Dump/Haul Trucks	1	76	40%	1160	10
Dump/Haul Trucks	1	76	40%	1170	10
Dump/Haul Trucks	1	76	40%	1180	10
Dump/Haul Trucks	1	76	40%	1190	10
Dump/Haul Trucks	1	76	40%	1200	10
Dump/Haul Trucks	1	76	40%	1210	10
Dump/Haul Trucks	1	76	40%	1220	10
Dump/Haul Trucks	1	76	40%	1230	10
Dump/Haul Trucks	1	76	40%	1240	10
Dump/Haul Trucks	1	76	40%	1250	10
Dump/Haul Trucks	1	76	40%	1260	10
Dump/Haul Trucks	1	76	40%	1270	10

Receptor: R9

Results:

Hourly Leq: 47.6

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	1925	10
Dump/Haul Trucks	1	76	40%	1935	10
Dump/Haul Trucks	1	76	40%	1945	10
Dump/Haul Trucks	1	76	40%	1955	10
Dump/Haul Trucks	1	76	40%	1965	10
Dump/Haul Trucks	1	76	40%	1975	10
Dump/Haul Trucks	1	76	40%	1985	10
Dump/Haul Trucks	1	76	40%	1995	10
Dump/Haul Trucks	1	76	40%	2005	10
Dump/Haul Trucks	1	76	40%	2015	10
Dump/Haul Trucks	1	76	40%	2025	10
Dump/Haul Trucks	1	76	40%	2035	10
Dump/Haul Trucks	1	76	40%	2045	10
Dump/Haul Trucks	1	76	40%	2055	10
Dump/Haul Trucks	1	76	40%	2065	10
Dump/Haul Trucks	1	76	40%	2075	10
Dump/Haul Trucks	1	76	40%	2085	10
Dump/Haul Trucks	1	76	40%	2095	10
Dump/Haul Trucks	1	76	40%	2105	10
Dump/Haul Trucks	1	76	40%	2115	10

Receptor: R10

Results:

Hourly Leq: 42.9

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	2710	10
Dump/Haul Trucks	1	76	40%	2720	10
Dump/Haul Trucks	1	76	40%	2730	10
Dump/Haul Trucks	1	76	40%	2740	10
Dump/Haul Trucks	1	76	40%	2750	10
Dump/Haul Trucks	1	76	40%	2760	10
Dump/Haul Trucks	1	76	40%	2770	10
Dump/Haul Trucks	1	76	40%	2780	10
Dump/Haul Trucks	1	76	40%	2790	10
Dump/Haul Trucks	1	76	40%	2800	10
Dump/Haul Trucks	1	76	40%	2810	10
Dump/Haul Trucks	1	76	40%	2820	10
Dump/Haul Trucks	1	76	40%	2830	10
Dump/Haul Trucks	1	76	40%	2840	10
Dump/Haul Trucks	1	76	40%	2850	10
Dump/Haul Trucks	1	76	40%	2860	10
Dump/Haul Trucks	1	76	40%	2870	10
Dump/Haul Trucks	1	76	40%	2880	10
Dump/Haul Trucks	1	76	40%	2890	10
Dump/Haul Trucks	1	76	40%	2900	10

Receptor: R11

Results:

Hourly Leq: 40.1

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	2480	10
Dump/Haul Trucks	1	76	40%	2490	10
Dump/Haul Trucks	1	76	40%	2500	10
Dump/Haul Trucks	1	76	40%	2510	10
Dump/Haul Trucks	1	76	40%	2520	10
Dump/Haul Trucks	1	76	40%	2530	10
Dump/Haul Trucks	1	76	40%	2540	10
Dump/Haul Trucks	1	76	40%	2550	10
Dump/Haul Trucks	1	76	40%	2560	10
Dump/Haul Trucks	1	76	40%	2570	10
Dump/Haul Trucks	1	76	40%	2580	10
Dump/Haul Trucks	1	76	40%	2590	10
Dump/Haul Trucks	1	76	40%	2600	10
Dump/Haul Trucks	1	76	40%	2610	10
Dump/Haul Trucks	1	76	40%	2620	10
Dump/Haul Trucks	1	76	40%	2630	10
Dump/Haul Trucks	1	76	40%	2640	10
Dump/Haul Trucks	1	76	40%	2650	10
Dump/Haul Trucks	1	76	40%	2660	10
Dump/Haul Trucks	1	76	40%	2670	10

Receptor: R12

Results:

Hourly Leq: 40.8

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	2065	10
Dump/Haul Trucks	1	76	40%	2075	10
Dump/Haul Trucks	1	76	40%	2085	10
Dump/Haul Trucks	1	76	40%	2095	10
Dump/Haul Trucks	1	76	40%	2105	10
Dump/Haul Trucks	1	76	40%	2115	10
Dump/Haul Trucks	1	76	40%	2125	10
Dump/Haul Trucks	1	76	40%	2135	10
Dump/Haul Trucks	1	76	40%	2145	10
Dump/Haul Trucks	1	76	40%	2155	10
Dump/Haul Trucks	1	76	40%	2165	10
Dump/Haul Trucks	1	76	40%	2175	10
Dump/Haul Trucks	1	76	40%	2185	10
Dump/Haul Trucks	1	76	40%	2195	10
Dump/Haul Trucks	1	76	40%	2205	10
Dump/Haul Trucks	1	76	40%	2215	10
Dump/Haul Trucks	1	76	40%	2225	10
Dump/Haul Trucks	1	76	40%	2235	10
Dump/Haul Trucks	1	76	40%	2245	10
Dump/Haul Trucks	1	76	40%	2255	10

Receptor: R13

Results:

Hourly Leq: 42.3

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	2570	10
Dump/Haul Trucks	1	76	40%	2580	10
Dump/Haul Trucks	1	76	40%	2590	10
Dump/Haul Trucks	1	76	40%	2600	10
Dump/Haul Trucks	1	76	40%	2610	10
Dump/Haul Trucks	1	76	40%	2620	10
Dump/Haul Trucks	1	76	40%	2630	10
Dump/Haul Trucks	1	76	40%	2640	10
Dump/Haul Trucks	1	76	40%	2650	10
Dump/Haul Trucks	1	76	40%	2660	10
Dump/Haul Trucks	1	76	40%	2670	10
Dump/Haul Trucks	1	76	40%	2680	10
Dump/Haul Trucks	1	76	40%	2690	10
Dump/Haul Trucks	1	76	40%	2700	10
Dump/Haul Trucks	1	76	40%	2710	10
Dump/Haul Trucks	1	76	40%	2720	10
Dump/Haul Trucks	1	76	40%	2730	10
Dump/Haul Trucks	1	76	40%	2740	10
Dump/Haul Trucks	1	76	40%	2750	10
Dump/Haul Trucks	1	76	40%	2760	10

Receptor: R14

Results:

Hourly Leq: 40.5

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	1450	10
Dump/Haul Trucks	1	76	40%	1460	10
Dump/Haul Trucks	1	76	40%	1470	10
Dump/Haul Trucks	1	76	40%	1480	10
Dump/Haul Trucks	1	76	40%	1490	10
Dump/Haul Trucks	1	76	40%	1500	10
Dump/Haul Trucks	1	76	40%	1510	10
Dump/Haul Trucks	1	76	40%	1520	10
Dump/Haul Trucks	1	76	40%	1530	10
Dump/Haul Trucks	1	76	40%	1540	10
Dump/Haul Trucks	1	76	40%	1550	10
Dump/Haul Trucks	1	76	40%	1560	10
Dump/Haul Trucks	1	76	40%	1570	10
Dump/Haul Trucks	1	76	40%	1580	10
Dump/Haul Trucks	1	76	40%	1590	10
Dump/Haul Trucks	1	76	40%	1600	10
Dump/Haul Trucks	1	76	40%	1610	10
Dump/Haul Trucks	1	76	40%	1620	10
Dump/Haul Trucks	1	76	40%	1630	10
Dump/Haul Trucks	1	76	40%	1640	10

Receptor: R15

Results:

Hourly Leq: 45.3

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	2670	10
Dump/Haul Trucks	1	76	40%	2680	10
Dump/Haul Trucks	1	76	40%	2690	10
Dump/Haul Trucks	1	76	40%	2700	10
Dump/Haul Trucks	1	76	40%	2710	10
Dump/Haul Trucks	1	76	40%	2720	10
Dump/Haul Trucks	1	76	40%	2730	10
Dump/Haul Trucks	1	76	40%	2740	10
Dump/Haul Trucks	1	76	40%	2750	10
Dump/Haul Trucks	1	76	40%	2760	10
Dump/Haul Trucks	1	76	40%	2770	10
Dump/Haul Trucks	1	76	40%	2780	10
Dump/Haul Trucks	1	76	40%	2790	10
Dump/Haul Trucks	1	76	40%	2800	10
Dump/Haul Trucks	1	76	40%	2810	10
Dump/Haul Trucks	1	76	40%	2820	10
Dump/Haul Trucks	1	76	40%	2830	10
Dump/Haul Trucks	1	76	40%	2840	10
Dump/Haul Trucks	1	76	40%	2850	10
Dump/Haul Trucks	1	76	40%	2860	10

Receptor: R16

Results:

Hourly Leq: 40.2

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	3280	10
Dump/Haul Trucks	1	76	40%	3290	10
Dump/Haul Trucks	1	76	40%	3300	10
Dump/Haul Trucks	1	76	40%	3310	10
Dump/Haul Trucks	1	76	40%	3320	10
Dump/Haul Trucks	1	76	40%	3330	10
Dump/Haul Trucks	1	76	40%	3340	10
Dump/Haul Trucks	1	76	40%	3350	10
Dump/Haul Trucks	1	76	40%	3360	10
Dump/Haul Trucks	1	76	40%	3370	10
Dump/Haul Trucks	1	76	40%	3380	10
Dump/Haul Trucks	1	76	40%	3390	10
Dump/Haul Trucks	1	76	40%	3400	10
Dump/Haul Trucks	1	76	40%	3410	10
Dump/Haul Trucks	1	76	40%	3420	10
Dump/Haul Trucks	1	76	40%	3430	10
Dump/Haul Trucks	1	76	40%	3440	10
Dump/Haul Trucks	1	76	40%	3450	10
Dump/Haul Trucks	1	76	40%	3460	10
Dump/Haul Trucks	1	76	40%	3470	10

Receptor: R17

Results:

Hourly Leq: 38.4

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	2015	10
Dump/Haul Trucks	1	76	40%	2025	10
Dump/Haul Trucks	1	76	40%	2035	10
Dump/Haul Trucks	1	76	40%	2045	10
Dump/Haul Trucks	1	76	40%	2055	10
Dump/Haul Trucks	1	76	40%	2065	10
Dump/Haul Trucks	1	76	40%	2075	10
Dump/Haul Trucks	1	76	40%	2085	10
Dump/Haul Trucks	1	76	40%	2095	10
Dump/Haul Trucks	1	76	40%	2105	10
Dump/Haul Trucks	1	76	40%	2115	10
Dump/Haul Trucks	1	76	40%	2125	10
Dump/Haul Trucks	1	76	40%	2135	10
Dump/Haul Trucks	1	76	40%	2145	10
Dump/Haul Trucks	1	76	40%	2155	10
Dump/Haul Trucks	1	76	40%	2165	10
Dump/Haul Trucks	1	76	40%	2175	10
Dump/Haul Trucks	1	76	40%	2185	10
Dump/Haul Trucks	1	76	40%	2195	10
Dump/Haul Trucks	1	76	40%	2205	10

Receptor: R18

Results:

Hourly Leq: 42.5

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	2315	10
Dump/Haul Trucks	1	76	40%	2325	10
Dump/Haul Trucks	1	76	40%	2335	10
Dump/Haul Trucks	1	76	40%	2345	10
Dump/Haul Trucks	1	76	40%	2355	10
Dump/Haul Trucks	1	76	40%	2365	10
Dump/Haul Trucks	1	76	40%	2375	10
Dump/Haul Trucks	1	76	40%	2385	10
Dump/Haul Trucks	1	76	40%	2395	10
Dump/Haul Trucks	1	76	40%	2405	10
Dump/Haul Trucks	1	76	40%	2415	10
Dump/Haul Trucks	1	76	40%	2425	10
Dump/Haul Trucks	1	76	40%	2435	10
Dump/Haul Trucks	1	76	40%	2445	10
Dump/Haul Trucks	1	76	40%	2455	10
Dump/Haul Trucks	1	76	40%	2465	10
Dump/Haul Trucks	1	76	40%	2475	10
Dump/Haul Trucks	1	76	40%	2485	10
Dump/Haul Trucks	1	76	40%	2495	10
Dump/Haul Trucks	1	76	40%	2505	10

Receptor: R19

Results:

Hourly Leq: 41.4

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	2910	10
Dump/Haul Trucks	1	76	40%	2920	10
Dump/Haul Trucks	1	76	40%	2930	10
Dump/Haul Trucks	1	76	40%	2940	10
Dump/Haul Trucks	1	76	40%	2950	10
Dump/Haul Trucks	1	76	40%	2960	10
Dump/Haul Trucks	1	76	40%	2970	10
Dump/Haul Trucks	1	76	40%	2980	10
Dump/Haul Trucks	1	76	40%	2990	10
Dump/Haul Trucks	1	76	40%	3000	10
Dump/Haul Trucks	1	76	40%	3010	10
Dump/Haul Trucks	1	76	40%	3020	10
Dump/Haul Trucks	1	76	40%	3030	10
Dump/Haul Trucks	1	76	40%	3040	10
Dump/Haul Trucks	1	76	40%	3050	10
Dump/Haul Trucks	1	76	40%	3060	10
Dump/Haul Trucks	1	76	40%	3070	10
Dump/Haul Trucks	1	76	40%	3080	10
Dump/Haul Trucks	1	76	40%	3090	10
Dump/Haul Trucks	1	76	40%	3100	10

Receptor: R20

Results:

Hourly Leq: 39.5

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	2925	10
Dump/Haul Trucks	1	76	40%	2935	10
Dump/Haul Trucks	1	76	40%	2945	10
Dump/Haul Trucks	1	76	40%	2955	10
Dump/Haul Trucks	1	76	40%	2965	10
Dump/Haul Trucks	1	76	40%	2975	10
Dump/Haul Trucks	1	76	40%	2985	10
Dump/Haul Trucks	1	76	40%	2995	10
Dump/Haul Trucks	1	76	40%	3005	10
Dump/Haul Trucks	1	76	40%	3015	10
Dump/Haul Trucks	1	76	40%	3025	10
Dump/Haul Trucks	1	76	40%	3035	10
Dump/Haul Trucks	1	76	40%	3045	10
Dump/Haul Trucks	1	76	40%	3055	10
Dump/Haul Trucks	1	76	40%	3065	10
Dump/Haul Trucks	1	76	40%	3075	10
Dump/Haul Trucks	1	76	40%	3085	10
Dump/Haul Trucks	1	76	40%	3095	10
Dump/Haul Trucks	1	76	40%	3105	10
Dump/Haul Trucks	1	76	40%	3115	10

Receptor: R21

Results:

Hourly Leq: 39.4

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	2190	10
Dump/Haul Trucks	1	76	40%	2200	10
Dump/Haul Trucks	1	76	40%	2210	10
Dump/Haul Trucks	1	76	40%	2220	10
Dump/Haul Trucks	1	76	40%	2230	10
Dump/Haul Trucks	1	76	40%	2240	10
Dump/Haul Trucks	1	76	40%	2250	10
Dump/Haul Trucks	1	76	40%	2260	10
Dump/Haul Trucks	1	76	40%	2270	10
Dump/Haul Trucks	1	76	40%	2280	10
Dump/Haul Trucks	1	76	40%	2290	10
Dump/Haul Trucks	1	76	40%	2300	10
Dump/Haul Trucks	1	76	40%	2310	10
Dump/Haul Trucks	1	76	40%	2320	10
Dump/Haul Trucks	1	76	40%	2330	10
Dump/Haul Trucks	1	76	40%	2340	10
Dump/Haul Trucks	1	76	40%	2350	10
Dump/Haul Trucks	1	76	40%	2360	10
Dump/Haul Trucks	1	76	40%	2370	10
Dump/Haul Trucks	1	76	40%	2380	10

Receptor: R22

Results:

Hourly Leq: 41.8

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	1495	10
Dump/Haul Trucks	1	76	40%	1505	10
Dump/Haul Trucks	1	76	40%	1515	10
Dump/Haul Trucks	1	76	40%	1525	10
Dump/Haul Trucks	1	76	40%	1535	10
Dump/Haul Trucks	1	76	40%	1545	10
Dump/Haul Trucks	1	76	40%	1555	10
Dump/Haul Trucks	1	76	40%	1565	10
Dump/Haul Trucks	1	76	40%	1575	10
Dump/Haul Trucks	1	76	40%	1585	10
Dump/Haul Trucks	1	76	40%	1595	10
Dump/Haul Trucks	1	76	40%	1605	10
Dump/Haul Trucks	1	76	40%	1615	10
Dump/Haul Trucks	1	76	40%	1625	10
Dump/Haul Trucks	1	76	40%	1635	10
Dump/Haul Trucks	1	76	40%	1645	10
Dump/Haul Trucks	1	76	40%	1655	10
Dump/Haul Trucks	1	76	40%	1665	10
Dump/Haul Trucks	1	76	40%	1675	10
Dump/Haul Trucks	1	76	40%	1685	10

Receptor: R23

Results:

Hourly Leq: 45.0

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	1235	10
Dump/Haul Trucks	1	76	40%	1245	10
Dump/Haul Trucks	1	76	40%	1255	10
Dump/Haul Trucks	1	76	40%	1265	10
Dump/Haul Trucks	1	76	40%	1275	10
Dump/Haul Trucks	1	76	40%	1285	10
Dump/Haul Trucks	1	76	40%	1295	10
Dump/Haul Trucks	1	76	40%	1305	10
Dump/Haul Trucks	1	76	40%	1315	10
Dump/Haul Trucks	1	76	40%	1325	10
Dump/Haul Trucks	1	76	40%	1335	10
Dump/Haul Trucks	1	76	40%	1345	10
Dump/Haul Trucks	1	76	40%	1355	10
Dump/Haul Trucks	1	76	40%	1365	10
Dump/Haul Trucks	1	76	40%	1375	10
Dump/Haul Trucks	1	76	40%	1385	10
Dump/Haul Trucks	1	76	40%	1395	10
Dump/Haul Trucks	1	76	40%	1405	10
Dump/Haul Trucks	1	76	40%	1415	10
Dump/Haul Trucks	1	76	40%	1425	10

Receptor: R24

Results:

Hourly Leq: 46.6

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	1210	10
Dump/Haul Trucks	1	76	40%	1220	10
Dump/Haul Trucks	1	76	40%	1230	10
Dump/Haul Trucks	1	76	40%	1240	10
Dump/Haul Trucks	1	76	40%	1250	10
Dump/Haul Trucks	1	76	40%	1260	10
Dump/Haul Trucks	1	76	40%	1270	10
Dump/Haul Trucks	1	76	40%	1280	10
Dump/Haul Trucks	1	76	40%	1290	10
Dump/Haul Trucks	1	76	40%	1300	10
Dump/Haul Trucks	1	76	40%	1310	10
Dump/Haul Trucks	1	76	40%	1320	10
Dump/Haul Trucks	1	76	40%	1330	10
Dump/Haul Trucks	1	76	40%	1340	10
Dump/Haul Trucks	1	76	40%	1350	10
Dump/Haul Trucks	1	76	40%	1360	10
Dump/Haul Trucks	1	76	40%	1370	10
Dump/Haul Trucks	1	76	40%	1380	10
Dump/Haul Trucks	1	76	40%	1390	10
Dump/Haul Trucks	1	76	40%	1400	10

Receptor: R25

Results:

Hourly Leq: 46.7

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at LA LIVE Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	1120	10
Dump/Haul Trucks	1	76	40%	1130	10
Dump/Haul Trucks	1	76	40%	1140	10
Dump/Haul Trucks	1	76	40%	1150	10
Dump/Haul Trucks	1	76	40%	1160	10
Dump/Haul Trucks	1	76	40%	1170	10
Dump/Haul Trucks	1	76	40%	1180	10
Dump/Haul Trucks	1	76	40%	1190	10
Dump/Haul Trucks	1	76	40%	1200	10
Dump/Haul Trucks	1	76	40%	1210	10
Dump/Haul Trucks	1	76	40%	1220	10
Dump/Haul Trucks	1	76	40%	1230	10
Dump/Haul Trucks	1	76	40%	1240	10
Dump/Haul Trucks	1	76	40%	1250	10
Dump/Haul Trucks	1	76	40%	1260	10
Dump/Haul Trucks	1	76	40%	1270	10
Dump/Haul Trucks	1	76	40%	1280	10
Dump/Haul Trucks	1	76	40%	1290	10
Dump/Haul Trucks	1	76	40%	1300	10
Dump/Haul Trucks	1	76	40%	1310	10

Receptor: R26

Results:

Hourly Leq: 47.3

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	1700	10
Dump/Haul Trucks	1	76	40%	1710	10
Dump/Haul Trucks	1	76	40%	1720	10
Dump/Haul Trucks	1	76	40%	1730	10
Dump/Haul Trucks	1	76	40%	1740	10
Dump/Haul Trucks	1	76	40%	1750	10
Dump/Haul Trucks	1	76	40%	1760	10
Dump/Haul Trucks	1	76	40%	1770	10
Dump/Haul Trucks	1	76	40%	1780	10
Dump/Haul Trucks	1	76	40%	1790	10

Receptor: R1

Results:

Hourly Leq: 41.2

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	1400	10
Dump/Haul Trucks	1	76	40%	1410	10
Dump/Haul Trucks	1	76	40%	1420	10
Dump/Haul Trucks	1	76	40%	1430	10
Dump/Haul Trucks	1	76	40%	1440	10
Dump/Haul Trucks	1	76	40%	1450	10
Dump/Haul Trucks	1	76	40%	1460	10
Dump/Haul Trucks	1	76	40%	1470	10
Dump/Haul Trucks	1	76	40%	1480	10
Dump/Haul Trucks	1	76	40%	1490	10

Receptor: R2

Results:

Hourly Leq: 42.8

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	1530	10
Dump/Haul Trucks	1	76	40%	1540	10
Dump/Haul Trucks	1	76	40%	1550	10
Dump/Haul Trucks	1	76	40%	1560	10
Dump/Haul Trucks	1	76	40%	1570	10
Dump/Haul Trucks	1	76	40%	1580	10
Dump/Haul Trucks	1	76	40%	1590	10
Dump/Haul Trucks	1	76	40%	1600	10
Dump/Haul Trucks	1	76	40%	1610	10
Dump/Haul Trucks	1	76	40%	1620	10

Receptor: R3

Results:

Hourly Leq: 42.1

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax			
Dump/Haul Trucks	1	76	40%	525	10
Dump/Haul Trucks	1	76	40%	535	10
Dump/Haul Trucks	1	76	40%	545	10
Dump/Haul Trucks	1	76	40%	555	10
Dump/Haul Trucks	1	76	40%	565	10
Dump/Haul Trucks	1	76	40%	575	10
Dump/Haul Trucks	1	76	40%	585	10
Dump/Haul Trucks	1	76	40%	595	10
Dump/Haul Trucks	1	76	40%	605	10
Dump/Haul Trucks	1	76	40%	615	10

Receptor: R4

Results:

Hourly Leq: 50.9

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax			
Dump/Haul Trucks	1	76	40%	900	10
Dump/Haul Trucks	1	76	40%	910	10
Dump/Haul Trucks	1	76	40%	920	10
Dump/Haul Trucks	1	76	40%	930	10
Dump/Haul Trucks	1	76	40%	940	10
Dump/Haul Trucks	1	76	40%	950	10
Dump/Haul Trucks	1	76	40%	960	10
Dump/Haul Trucks	1	76	40%	970	10
Dump/Haul Trucks	1	76	40%	980	10
Dump/Haul Trucks	1	76	40%	990	10

Receptor: R5

Results:

Hourly Leq: 46.5

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	590	10
Dump/Haul Trucks	1	76	40%	600	10
Dump/Haul Trucks	1	76	40%	610	10
Dump/Haul Trucks	1	76	40%	620	10
Dump/Haul Trucks	1	76	40%	630	10
Dump/Haul Trucks	1	76	40%	640	10
Dump/Haul Trucks	1	76	40%	650	10
Dump/Haul Trucks	1	76	40%	660	10
Dump/Haul Trucks	1	76	40%	670	10
Dump/Haul Trucks	1	76	40%	680	10

Receptor: R6

Results:

Hourly Leq: 50.0

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax			
Dump/Haul Trucks	1	76	40%	1315	10
Dump/Haul Trucks	1	76	40%	1325	10
Dump/Haul Trucks	1	76	40%	1335	10
Dump/Haul Trucks	1	76	40%	1345	10
Dump/Haul Trucks	1	76	40%	1355	10
Dump/Haul Trucks	1	76	40%	1365	10
Dump/Haul Trucks	1	76	40%	1375	10
Dump/Haul Trucks	1	76	40%	1385	10
Dump/Haul Trucks	1	76	40%	1395	10
Dump/Haul Trucks	1	76	40%	1405	10

Receptor: R7

Results:

Hourly Leq: 43.3

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax			
Dump/Haul Trucks	1	76	40%	1945	10
Dump/Haul Trucks	1	76	40%	1955	10
Dump/Haul Trucks	1	76	40%	1965	10
Dump/Haul Trucks	1	76	40%	1975	10
Dump/Haul Trucks	1	76	40%	1985	10
Dump/Haul Trucks	1	76	40%	1995	10
Dump/Haul Trucks	1	76	40%	2005	10
Dump/Haul Trucks	1	76	40%	2015	10
Dump/Haul Trucks	1	76	40%	2025	10
Dump/Haul Trucks	1	76	40%	2035	10

Receptor: R8

Results:

Hourly Leq: 40.0

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax			
Dump/Haul Trucks	1	76	40%	2190	10
Dump/Haul Trucks	1	76	40%	2200	10
Dump/Haul Trucks	1	76	40%	2210	10
Dump/Haul Trucks	1	76	40%	2220	10
Dump/Haul Trucks	1	76	40%	2230	10
Dump/Haul Trucks	1	76	40%	2240	10
Dump/Haul Trucks	1	76	40%	2250	10
Dump/Haul Trucks	1	76	40%	2260	10
Dump/Haul Trucks	1	76	40%	2270	10
Dump/Haul Trucks	1	76	40%	2280	10

Receptor: R9

Results:

Hourly Leq: 39.0

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax			
Dump/Haul Trucks	1	76	40%	2655	10
Dump/Haul Trucks	1	76	40%	2665	10
Dump/Haul Trucks	1	76	40%	2675	10
Dump/Haul Trucks	1	76	40%	2685	10
Dump/Haul Trucks	1	76	40%	2695	10
Dump/Haul Trucks	1	76	40%	2705	10
Dump/Haul Trucks	1	76	40%	2715	10
Dump/Haul Trucks	1	76	40%	2725	10
Dump/Haul Trucks	1	76	40%	2735	10
Dump/Haul Trucks	1	76	40%	2745	10

Receptor: *R10*

Results:

Hourly Leq: 37.4

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax			
Dump/Haul Trucks	1	76	40%	3120	10
Dump/Haul Trucks	1	76	40%	3130	10
Dump/Haul Trucks	1	76	40%	3140	10
Dump/Haul Trucks	1	76	40%	3150	10
Dump/Haul Trucks	1	76	40%	3160	10
Dump/Haul Trucks	1	76	40%	3170	10
Dump/Haul Trucks	1	76	40%	3180	10
Dump/Haul Trucks	1	76	40%	3190	10
Dump/Haul Trucks	1	76	40%	3200	10
Dump/Haul Trucks	1	76	40%	3210	10

Receptor: *R11*

Results:

Hourly Leq: 36.0

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	3000	10
Dump/Haul Trucks	1	76	40%	3010	10
Dump/Haul Trucks	1	76	40%	3020	10
Dump/Haul Trucks	1	76	40%	3030	10
Dump/Haul Trucks	1	76	40%	3040	10
Dump/Haul Trucks	1	76	40%	3050	10
Dump/Haul Trucks	1	76	40%	3060	10
Dump/Haul Trucks	1	76	40%	3070	10
Dump/Haul Trucks	1	76	40%	3080	10
Dump/Haul Trucks	1	76	40%	3090	10

Receptor: R12

Results:

Hourly Leq: 36.3

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax			
Dump/Haul Trucks	1	76	40%	2435	10
Dump/Haul Trucks	1	76	40%	2445	10
Dump/Haul Trucks	1	76	40%	2455	10
Dump/Haul Trucks	1	76	40%	2465	10
Dump/Haul Trucks	1	76	40%	2475	10
Dump/Haul Trucks	1	76	40%	2485	10
Dump/Haul Trucks	1	76	40%	2495	10
Dump/Haul Trucks	1	76	40%	2505	10
Dump/Haul Trucks	1	76	40%	2515	10
Dump/Haul Trucks	1	76	40%	2525	10

Receptor: R13

Results:

Hourly Leq: 38.1

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax			
Dump/Haul Trucks	1	76	40%	2590	10
Dump/Haul Trucks	1	76	40%	2600	10
Dump/Haul Trucks	1	76	40%	2610	10
Dump/Haul Trucks	1	76	40%	2620	10
Dump/Haul Trucks	1	76	40%	2630	10
Dump/Haul Trucks	1	76	40%	2640	10
Dump/Haul Trucks	1	76	40%	2650	10
Dump/Haul Trucks	1	76	40%	2660	10
Dump/Haul Trucks	1	76	40%	2670	10
Dump/Haul Trucks	1	76	40%	2680	10

Receptor: R14

Results:

Hourly Leq: 37.6

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax			
Dump/Haul Trucks	1	76	40%	2105	10
Dump/Haul Trucks	1	76	40%	2115	10
Dump/Haul Trucks	1	76	40%	2125	10
Dump/Haul Trucks	1	76	40%	2135	10
Dump/Haul Trucks	1	76	40%	2145	10
Dump/Haul Trucks	1	76	40%	2155	10
Dump/Haul Trucks	1	76	40%	2165	10
Dump/Haul Trucks	1	76	40%	2175	10
Dump/Haul Trucks	1	76	40%	2185	10
Dump/Haul Trucks	1	76	40%	2195	10

Receptor: R15

Results:

Hourly Leq: 39.4

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	2745	10
Dump/Haul Trucks	1	76	40%	2755	10
Dump/Haul Trucks	1	76	40%	2765	10
Dump/Haul Trucks	1	76	40%	2775	10
Dump/Haul Trucks	1	76	40%	2785	10
Dump/Haul Trucks	1	76	40%	2795	10
Dump/Haul Trucks	1	76	40%	2805	10
Dump/Haul Trucks	1	76	40%	2815	10
Dump/Haul Trucks	1	76	40%	2825	10
Dump/Haul Trucks	1	76	40%	2835	10

Receptor: R16

Results:

Hourly Leq: 37.1

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax			
Dump/Haul Trucks	1	76	40%	2895	10
Dump/Haul Trucks	1	76	40%	2905	10
Dump/Haul Trucks	1	76	40%	2915	10
Dump/Haul Trucks	1	76	40%	2925	10
Dump/Haul Trucks	1	76	40%	2935	10
Dump/Haul Trucks	1	76	40%	2945	10
Dump/Haul Trucks	1	76	40%	2955	10
Dump/Haul Trucks	1	76	40%	2965	10
Dump/Haul Trucks	1	76	40%	2975	10
Dump/Haul Trucks	1	76	40%	2985	10

Receptor: R17

Results:

Hourly Leq: 36.6

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	1575	10
Dump/Haul Trucks	1	76	40%	1585	10
Dump/Haul Trucks	1	76	40%	1595	10
Dump/Haul Trucks	1	76	40%	1605	10
Dump/Haul Trucks	1	76	40%	1615	10
Dump/Haul Trucks	1	76	40%	1625	10
Dump/Haul Trucks	1	76	40%	1635	10
Dump/Haul Trucks	1	76	40%	1645	10
Dump/Haul Trucks	1	76	40%	1655	10
Dump/Haul Trucks	1	76	40%	1665	10

Receptor: R18

Results:

Hourly Leq: 41.8

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax			
Dump/Haul Trucks	1	76	40%	1880	10
Dump/Haul Trucks	1	76	40%	1890	10
Dump/Haul Trucks	1	76	40%	1900	10
Dump/Haul Trucks	1	76	40%	1910	10
Dump/Haul Trucks	1	76	40%	1920	10
Dump/Haul Trucks	1	76	40%	1930	10
Dump/Haul Trucks	1	76	40%	1940	10
Dump/Haul Trucks	1	76	40%	1950	10
Dump/Haul Trucks	1	76	40%	1960	10
Dump/Haul Trucks	1	76	40%	1970	10

Receptor: R19

Results:

Hourly Leq: 40.3

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	2425	10
Dump/Haul Trucks	1	76	40%	2435	10
Dump/Haul Trucks	1	76	40%	2445	10
Dump/Haul Trucks	1	76	40%	2455	10
Dump/Haul Trucks	1	76	40%	2465	10
Dump/Haul Trucks	1	76	40%	2475	10
Dump/Haul Trucks	1	76	40%	2485	10
Dump/Haul Trucks	1	76	40%	2495	10
Dump/Haul Trucks	1	76	40%	2505	10
Dump/Haul Trucks	1	76	40%	2515	10

Receptor: *R20*

Results:

Hourly Leq: 38.2

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax			
Dump/Haul Trucks	1	76	40%	2450	10
Dump/Haul Trucks	1	76	40%	2460	10
Dump/Haul Trucks	1	76	40%	2470	10
Dump/Haul Trucks	1	76	40%	2480	10
Dump/Haul Trucks	1	76	40%	2490	10
Dump/Haul Trucks	1	76	40%	2500	10
Dump/Haul Trucks	1	76	40%	2510	10
Dump/Haul Trucks	1	76	40%	2520	10
Dump/Haul Trucks	1	76	40%	2530	10
Dump/Haul Trucks	1	76	40%	2540	10

Receptor: R21

Results:

Hourly Leq: 38.1

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax			
Dump/Haul Trucks	1	76	40%	1865	10
Dump/Haul Trucks	1	76	40%	1875	10
Dump/Haul Trucks	1	76	40%	1885	10
Dump/Haul Trucks	1	76	40%	1895	10
Dump/Haul Trucks	1	76	40%	1905	10
Dump/Haul Trucks	1	76	40%	1915	10
Dump/Haul Trucks	1	76	40%	1925	10
Dump/Haul Trucks	1	76	40%	1935	10
Dump/Haul Trucks	1	76	40%	1945	10
Dump/Haul Trucks	1	76	40%	1955	10

Receptor: R22

Results:

Hourly Leq: 40.4

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	1510	10
Dump/Haul Trucks	1	76	40%	1520	10
Dump/Haul Trucks	1	76	40%	1530	10
Dump/Haul Trucks	1	76	40%	1540	10
Dump/Haul Trucks	1	76	40%	1550	10
Dump/Haul Trucks	1	76	40%	1560	10
Dump/Haul Trucks	1	76	40%	1570	10
Dump/Haul Trucks	1	76	40%	1580	10
Dump/Haul Trucks	1	76	40%	1590	10
Dump/Haul Trucks	1	76	40%	1600	10

Receptor: R23

Results:

Hourly Leq: 42.2

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax			
Dump/Haul Trucks	1	76	40%	1395	10
Dump/Haul Trucks	1	76	40%	1405	10
Dump/Haul Trucks	1	76	40%	1415	10
Dump/Haul Trucks	1	76	40%	1425	10
Dump/Haul Trucks	1	76	40%	1435	10
Dump/Haul Trucks	1	76	40%	1445	10
Dump/Haul Trucks	1	76	40%	1455	10
Dump/Haul Trucks	1	76	40%	1465	10
Dump/Haul Trucks	1	76	40%	1475	10
Dump/Haul Trucks	1	76	40%	1485	10

Receptor: R24

Results:

Hourly Leq: 42.8

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	1515	10
Dump/Haul Trucks	1	76	40%	1525	10
Dump/Haul Trucks	1	76	40%	1535	10
Dump/Haul Trucks	1	76	40%	1545	10
Dump/Haul Trucks	1	76	40%	1555	10
Dump/Haul Trucks	1	76	40%	1565	10
Dump/Haul Trucks	1	76	40%	1575	10
Dump/Haul Trucks	1	76	40%	1585	10
Dump/Haul Trucks	1	76	40%	1595	10
Dump/Haul Trucks	1	76	40%	1605	10

Receptor: R25

Results:

Hourly Leq: 42.1

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Construction Phase: Truck Staging / Queuing at Bond Parking Structure

Equipment

Description	No. of Equip.	Reference Noise		Distance to Receptor, ft	Estimated Noise Shielding, dBA
		Level at 50ft, Lmax	Acoustical Usage Factor		
Dump/Haul Trucks	1	76	40%	640	10
Dump/Haul Trucks	1	76	40%	650	10
Dump/Haul Trucks	1	76	40%	660	10
Dump/Haul Trucks	1	76	40%	670	10
Dump/Haul Trucks	1	76	40%	680	10
Dump/Haul Trucks	1	76	40%	690	10
Dump/Haul Trucks	1	76	40%	700	10
Dump/Haul Trucks	1	76	40%	710	10
Dump/Haul Trucks	1	76	40%	720	10
Dump/Haul Trucks	1	76	40%	730	10

Receptor: R26

Results:

Hourly Leq: 49.3

Source for Ref. Noise Levels: FHWA, RCNM 2005

Project: LA Convention Modernization & Farmers Field

Off-Site Construction Noise Analysis Assumptions

Haul Trucks	Hauling Activities											
	Farmers Field								Pico Hall			
	Demo	Excavation	Shoring	Foundation	Framing	Interior	Sod	Landscaping	Demo	Excavation	Foundation	Framing
Total # of Round Truck Trips / Day (per	84	256	37	15	72	12	14	6	12	37	23	37
Total # of Round Truck Trips / hours,	11	32	4	2	6	1	2	1	2	5	2	4

Assumptions:

- 1) 1 round truck trip is equal to 1 coming to the site and 1 leaving the site
- 2) 8 hours/work day for haul trucks (during Demo & Excavation phases)
- 3) 12 hours/work day for all other delivery/concrete trucks for other phases

Freeway 110 - Option 1 (A)

Receptor	Hauling Activities											
	Farmers Field								Pico Hall			
	Demo	Excavation	Shoring	Foundation	Framing	Interior	Sod	Landscaping	Demo	Excavation	Foundation	Framing
	11.0	32.0	4.0	2.0	6.0	1.0	2.0	1.0	2.0	5.0	2.0	4.0
R1	38.4	43.1	34.0	31.0	35.8	28.0	31.0	28.0	31.0	35.0	31.0	34.0
R2	19.2	23.9	14.8	11.8	16.6	8.8	11.8	8.8	11.8	15.8	11.8	14.8
R3	38.0	42.7	33.6	30.6	35.4	27.6	30.6	27.6	30.6	34.6	30.6	33.6
R4	53.1	57.8	48.7	45.7	50.5	42.7	45.7	42.7	45.7	49.7	45.7	48.7
R5	48.8	53.5	44.4	41.4	46.2	38.4	41.4	38.4	41.4	45.4	41.4	44.4
R6b	55.2	59.9	50.8	47.8	52.6	44.8	47.8	44.8	47.8	51.8	47.8	50.8
R7b	60.9	65.6	56.5	53.5	58.3	50.5	53.5	50.5	53.5	57.5	53.5	56.5
R8	44.1	48.8	39.7	36.7	41.5	33.7	36.7	33.7	36.7	40.7	36.7	39.7
R9	44.7	49.4	40.3	37.3	42.1	34.3	37.3	34.3	37.3	41.3	37.3	40.3
R10	28.0	32.7	23.6	20.6	25.4	17.6	20.6	17.6	20.6	24.6	20.6	23.6
R11	27.9	32.6	23.5	20.5	25.3	17.5	20.5	17.5	20.5	24.5	20.5	23.5
R12	23.3	28.0	18.9	15.9	20.7	12.9	15.9	12.9	15.9	19.9	15.9	18.9
R13	32.2	36.9	27.8	24.8	29.6	21.8	24.8	21.8	24.8	28.8	24.8	27.8
R14	31.4	36.1	27.0	24.0	28.8	21.0	24.0	21.0	24.0	28.0	24.0	27.0
R15	32.0	36.7	27.6	24.6	29.4	21.6	24.6	21.6	24.6	28.6	24.6	27.6
R16	33.6	38.3	29.2	26.2	31.0	23.2	26.2	23.2	26.2	30.2	26.2	29.2
R17	36.9	41.6	32.5	29.5	34.3	26.5	29.5	26.5	29.5	33.5	29.5	32.5
R18	49.8	54.5	45.4	42.4	47.2	39.4	42.4	39.4	42.4	46.4	42.4	45.4
R19	51.4	56.1	47.0	44.0	48.8	41.0	44.0	41.0	44.0	48.0	44.0	47.0
R20	51.8	56.5	47.4	44.4	49.2	41.4	44.4	41.4	44.4	48.4	44.4	47.4
R21	49.1	53.8	44.7	41.7	46.5	38.7	41.7	38.7	41.7	45.7	41.7	44.7

R22	44.3	49.0	39.9	36.9	41.7	33.9	36.9	33.9	36.9	40.9	36.9	39.9
R23	44.1	48.8	39.7	36.7	41.5	33.7	36.7	33.7	36.7	40.7	36.7	39.7
R24	44.8	49.5	40.4	37.4	42.2	34.4	37.4	34.4	37.4	41.4	37.4	40.4
R25	43.8	48.5	39.4	36.4	41.2	33.4	36.4	33.4	36.4	40.4	36.4	39.4
R26	55.9	60.6	51.5	48.5	53.3	45.5	48.5	45.5	48.5	52.5	48.5	51.5

Freeway 110 - Option 2 (B)

Receptor	Farmers Field								Pico Hall			
	Demo	Excavation	Shoring	Foundation	Framing	Interior	Sod	Landscaping	Demo	Excavation	Foundation	Framing
	11.0	32.0	4.0	2.0	6.0	1.0	2.0	1.0	2.0	5.0	2.0	4.0
R1	36.9	41.6	32.5	29.5	34.3	26.5	29.5	26.5	29.5	33.5	29.5	32.5
R2	61.0	65.7	56.6	53.6	58.4	50.6	53.6	50.6	53.6	57.6	53.6	56.6
R3	46.7	51.4	42.3	39.3	44.1	36.3	39.3	36.3	39.3	43.3	39.3	42.3
R4	50.4	55.1	46.0	43.0	47.8	40.0	43.0	40.0	43.0	47.0	43.0	46.0
R5	41.7	46.4	37.3	34.3	39.1	31.3	34.3	31.3	34.3	38.3	34.3	37.3
R6b	36.5	41.2	32.1	29.1	33.9	26.1	29.1	26.1	29.1	33.1	29.1	32.1
R7b	42.2	46.9	37.8	34.8	39.6	31.8	34.8	31.8	34.8	38.8	34.8	37.8
R8	34.5	39.2	30.1	27.1	31.9	24.1	27.1	24.1	27.1	31.1	27.1	30.1
R9	36.7	41.4	32.3	29.3	34.1	26.3	29.3	26.3	29.3	33.3	29.3	32.3
R10	34.5	39.2	30.1	27.1	31.9	24.1	27.1	24.1	27.1	31.1	27.1	30.1
R11	31.7	36.4	27.3	24.3	29.1	21.3	24.3	21.3	24.3	28.3	24.3	27.3
R12	31.2	35.9	26.8	23.8	28.6	20.8	23.8	20.8	23.8	27.8	23.8	26.8
R13	39.6	44.3	35.2	32.2	37.0	29.2	32.2	29.2	32.2	36.2	32.2	35.2
R14	42.1	46.8	37.7	34.7	39.5	31.7	34.7	31.7	34.7	38.7	34.7	37.7
R15	45.6	50.3	41.2	38.2	43.0	35.2	38.2	35.2	38.2	42.2	38.2	41.2
R16	60.3	65.0	55.9	52.9	57.7	49.9	52.9	49.9	52.9	56.9	52.9	55.9
R17	41.8	46.5	37.4	34.4	39.2	31.4	34.4	31.4	34.4	38.4	34.4	37.4
R18	49.6	54.3	45.2	42.2	47.0	39.2	42.2	39.2	42.2	46.2	42.2	45.2
R19	51.2	55.9	46.8	43.8	48.6	40.8	43.8	40.8	43.8	47.8	43.8	46.8
R20	52.5	57.2	48.1	45.1	49.9	42.1	45.1	42.1	45.1	49.1	45.1	48.1
R21	50.0	54.7	45.6	42.6	47.4	39.6	42.6	39.6	42.6	46.6	42.6	45.6
R22	45.4	50.1	41.0	38.0	42.8	35.0	38.0	35.0	38.0	42.0	38.0	41.0
R23	41.1	45.8	36.7	33.7	38.5	30.7	33.7	30.7	33.7	37.7	33.7	36.7
R24	38.7	43.4	34.3	31.3	36.1	28.3	31.3	28.3	31.3	35.3	31.3	34.3
R25	36.9	41.6	32.5	29.5	34.3	26.5	29.5	26.5	29.5	33.5	29.5	32.5
R26	54.9	59.6	50.5	47.5	52.3	44.5	47.5	44.5	47.5	51.5	47.5	50.5

Freeway 10 - Option 3 (A)

	Farmers Field								Pico Hall			

	Demo	Excavation	Shoring	Foundation	Framing	Interior	Sod	Landscaping	Demo	Excavation	Foundation	Framing
Receptor	11.0	32.0	4.0	2.0	6.0	1.0	2.0	1.0	2.0	5.0	2.0	4.0
R1	45.8	50.5	41.4	38.4	43.2	35.4	38.4	35.4	38.4	42.4	38.4	41.4
R2	45.2	49.9	40.8	37.8	42.6	34.8	37.8	34.8	37.8	41.8	37.8	40.8
R3	47.0	51.7	42.6	39.6	44.4	36.6	39.6	36.6	39.6	43.6	39.6	42.6
R4	45.7	50.4	41.3	38.3	43.1	35.3	38.3	35.3	38.3	42.3	38.3	41.3
R5	37.2	41.9	32.8	29.8	34.6	26.8	29.8	26.8	29.8	33.8	29.8	32.8
R6b	36.8	41.5	32.4	29.4	34.2	26.4	29.4	26.4	29.4	33.4	29.4	32.4
R7b	45.3	50.0	40.9	37.9	42.7	34.9	37.9	34.9	37.9	41.9	37.9	40.9
R8	35.4	40.1	31.0	28.0	32.8	25.0	28.0	25.0	28.0	32.0	28.0	31.0
R9	37.3	42.0	32.9	29.9	34.7	26.9	29.9	26.9	29.9	33.9	29.9	32.9
R10	37.8	42.5	33.4	30.4	35.2	27.4	30.4	27.4	30.4	34.4	30.4	33.4
R11	35.4	40.1	31.0	28.0	32.8	25.0	28.0	25.0	28.0	32.0	28.0	31.0
R12	34.5	39.2	30.1	27.1	31.9	24.1	27.1	24.1	27.1	31.1	27.1	30.1
R13	52.4	57.1	48.0	45.0	49.8	42.0	45.0	42.0	45.0	49.0	45.0	48.0
R14	39.1	43.8	34.7	31.7	36.5	28.7	31.7	28.7	31.7	35.7	31.7	34.7
R15	44.4	49.1	40.0	37.0	41.8	34.0	37.0	34.0	37.0	41.0	37.0	40.0
R16	47.3	52.0	42.9	39.9	44.7	36.9	39.9	36.9	39.9	43.9	39.9	42.9
R17	48.1	52.8	43.7	40.7	45.5	37.7	40.7	37.7	40.7	44.7	40.7	43.7
R18	43.6	48.3	39.2	36.2	41.0	33.2	36.2	33.2	36.2	40.2	36.2	39.2
R19	44.4	49.1	40.0	37.0	41.8	34.0	37.0	34.0	37.0	41.0	37.0	40.0
R20	35.1	39.8	30.7	27.7	32.5	24.7	27.7	24.7	27.7	31.7	27.7	30.7
R21	36.8	41.5	32.4	29.4	34.2	26.4	29.4	26.4	29.4	33.4	29.4	32.4
R22	38.2	42.9	33.8	30.8	35.6	27.8	30.8	27.8	30.8	34.8	30.8	33.8
R23	35.9	40.6	31.5	28.5	33.3	25.5	28.5	25.5	28.5	32.5	28.5	31.5
R24	35.8	40.5	31.4	28.4	33.2	25.4	28.4	25.4	28.4	32.4	28.4	31.4
R25	34.7	39.4	30.3	27.3	32.1	24.3	27.3	24.3	27.3	31.3	27.3	30.3
R26	53.1	57.8	48.7	45.7	50.5	42.7	45.7	42.7	45.7	49.7	45.7	48.7

Freeway 10 - Option 4 (B)

Receptor												
	Farmers Field								Pico Hall			
	Demo	Excavation	Shoring	Foundation	Framing	Interior	Sod	Landscaping	Demo	Excavation	Foundation	Framing
Receptor	11.0	32.0	4.0	2.0	6.0	1.0	2.0	1.0	2.0	5.0	2.0	4.0
R1	34.5	39.2	30.1	27.1	31.9	24.1	27.1	24.1	27.1	31.1	27.1	30.1
R2	60.9	65.6	56.5	53.5	58.3	50.5	53.5	50.5	53.5	57.5	53.5	56.5
R3	50.5	55.2	46.1	43.1	47.9	40.1	43.1	40.1	43.1	47.1	43.1	46.1
R4	45.6	50.3	41.2	38.2	43.0	35.2	38.2	35.2	38.2	42.2	38.2	41.2

R5	36.6	41.3	32.2	29.2	34.0	26.2	29.2	26.2	29.2	33.2	29.2	32.2
R6b	35.9	40.6	31.5	28.5	33.3	25.5	28.5	25.5	28.5	32.5	28.5	31.5
R7b	42.3	47.0	37.9	34.9	39.7	31.9	34.9	31.9	34.9	38.9	34.9	37.9
R8	31.8	36.5	27.4	24.4	29.2	21.4	24.4	21.4	24.4	28.4	24.4	27.4
R9	36.9	41.6	32.5	29.5	34.3	26.5	29.5	26.5	29.5	33.5	29.5	32.5
R10	36.5	41.2	32.1	29.1	33.9	26.1	29.1	26.1	29.1	33.1	29.1	32.1
R11	32.1	36.8	27.7	24.7	29.5	21.7	24.7	21.7	24.7	28.7	24.7	27.7
R12	31.2	35.9	26.8	23.8	28.6	20.8	23.8	20.8	23.8	27.8	23.8	26.8
R13	40.4	45.1	36.0	33.0	37.8	30.0	33.0	30.0	33.0	37.0	33.0	36.0
R14	39.0	43.7	34.6	31.6	36.4	28.6	31.6	28.6	31.6	35.6	31.6	34.6
R15	46.0	50.7	41.6	38.6	43.4	35.6	38.6	35.6	38.6	42.6	38.6	41.6
R16	47.5	52.2	43.1	40.1	44.9	37.1	40.1	37.1	40.1	44.1	40.1	43.1
R17	48.1	52.8	43.7	40.7	45.5	37.7	40.7	37.7	40.7	44.7	40.7	43.7
R18	43.7	48.4	39.3	36.3	41.1	33.3	36.3	33.3	36.3	40.3	36.3	39.3
R19	44.6	49.3	40.2	37.2	42.0	34.2	37.2	34.2	37.2	41.2	37.2	40.2
R20	35.2	39.9	30.8	27.8	32.6	24.8	27.8	24.8	27.8	31.8	27.8	30.8
R21	36.8	41.5	32.4	29.4	34.2	26.4	29.4	26.4	29.4	33.4	29.4	32.4
R22	38.1	42.8	33.7	30.7	35.5	27.7	30.7	27.7	30.7	34.7	30.7	33.7
R23	35.4	40.1	31.0	28.0	32.8	25.0	28.0	25.0	28.0	32.0	28.0	31.0
R24	35.0	39.7	30.6	27.6	32.4	24.6	27.6	24.6	27.6	31.6	27.6	30.6
R25	33.3	38.0	28.9	25.9	30.7	22.9	25.9	22.9	25.9	29.9	25.9	28.9
R26	53.1	57.8	48.7	45.7	50.5	42.7	45.7	42.7	45.7	49.7	45.7	48.7

MAX OF 4 OPTIONS

Receptor												
	Farmers Field								New Hall (Pico Hall)			
	Demo	Excavation	Shoring	Foundation	Framing	Interior	Sod	Landscaping	Demo	Excavation	Foundation	Framing
R1	45.8	50.5	41.4	38.4	43.2	35.4	38.4	35.4	38.4	42.4	38.4	41.4
R2	61.0	65.7	56.6	53.6	58.4	50.6	53.6	50.6	53.6	57.6	53.6	56.6
R3	50.5	55.2	46.1	43.1	47.9	40.1	43.1	40.1	43.1	47.1	43.1	46.1
R4	53.1	57.8	48.7	45.7	50.5	42.7	45.7	42.7	45.7	49.7	45.7	48.7
R5	48.8	53.5	44.4	41.4	46.2	38.4	41.4	38.4	41.4	45.4	41.4	44.4
R6b	55.2	59.9	50.8	47.8	52.6	44.8	47.8	44.8	47.8	51.8	47.8	50.8
R7b	60.9	65.6	56.5	53.5	58.3	50.5	53.5	50.5	53.5	57.5	53.5	56.5
R8	44.1	48.8	39.7	36.7	41.5	33.7	36.7	33.7	36.7	40.7	36.7	39.7
R9	44.7	49.4	40.3	37.3	42.1	34.3	37.3	34.3	37.3	41.3	37.3	40.3
R10	37.8	42.5	33.4	30.4	35.2	27.4	30.4	27.4	30.4	34.4	30.4	33.4
R11	35.4	40.1	31.0	28.0	32.8	25.0	28.0	25.0	28.0	32.0	28.0	31.0
R12	34.5	39.2	30.1	27.1	31.9	24.1	27.1	24.1	27.1	31.1	27.1	30.1
R13	52.4	57.1	48.0	45.0	49.8	42.0	45.0	42.0	45.0	49.0	45.0	48.0
R14	42.1	46.8	37.7	34.7	39.5	31.7	34.7	31.7	34.7	38.7	34.7	37.7
R15	46.0	50.7	41.6	38.6	43.4	35.6	38.6	35.6	38.6	42.6	38.6	41.6

R16	60.3	65.0	55.9	52.9	57.7	49.9	52.9	49.9	52.9	56.9	52.9	55.9
R17	48.1	52.8	43.7	40.7	45.5	37.7	40.7	37.7	40.7	44.7	40.7	43.7
R18	49.8	54.5	45.4	42.4	47.2	39.4	42.4	39.4	42.4	46.4	42.4	45.4
R19	51.4	56.1	47.0	44.0	48.8	41.0	44.0	41.0	44.0	48.0	44.0	47.0
R20	52.5	57.2	48.1	45.1	49.9	42.1	45.1	42.1	45.1	49.1	45.1	48.1
R21	50.0	54.7	45.6	42.6	47.4	39.6	42.6	39.6	42.6	46.6	42.6	45.6
R22	45.4	50.1	41.0	38.0	42.8	35.0	38.0	35.0	38.0	42.0	38.0	41.0
R23	44.1	48.8	39.7	36.7	41.5	33.7	36.7	33.7	36.7	40.7	36.7	39.7
R24	44.8	49.5	40.4	37.4	42.2	34.4	37.4	34.4	37.4	41.4	37.4	40.4
R25	43.8	48.5	39.4	36.4	41.2	33.4	36.4	33.4	36.4	40.4	36.4	39.4
R26	55.9	60.6	51.5	48.5	53.3	45.5	48.5	45.5	48.5	52.5	48.5	51.5

		Cherry Parking						Bond Parking					
Interior	Landscaping	Demo	Excavation	Foundation	Framing	Interior	Landscaping	Demo	Excavation	Foundation	Framing	Interior	Landscaping
24	10	27	160	13	33	4	8	11	4	13	25	2	6
2	1	4	20	2	3	1	1	2	1	2	3	1	1

Construction Trucks													
		Cherry Parking						Bond Parking					
Interior	Landscaping	Demo	Excavation	Foundation	Framing	Interior	Landscaping	Demo	Excavation	Foundation	Framing	Interior	Landscaping
2.0	1.0	4.0	20.0	2.0	3.0	1.0	1.0	2.0	1.0	2.0	3.0	1.0	1.0
31.0	28.0	34.0	41.0	31.0	32.8	28.0	28.0	31.0	28.0	31.0	32.8	28.0	28.0
11.8	8.8	14.8	21.8	11.8	13.6	8.8	8.8	11.8	8.8	11.8	13.6	8.8	8.8
30.6	27.6	33.6	40.6	30.6	32.4	27.6	27.6	30.6	27.6	30.6	32.4	27.6	27.6
45.7	42.7	48.7	55.7	45.7	47.5	42.7	42.7	45.7	42.7	45.7	47.5	42.7	42.7
41.4	38.4	44.4	51.4	41.4	43.2	38.4	38.4	41.4	38.4	41.4	43.2	38.4	38.4
47.8	44.8	50.8	57.8	47.8	49.6	44.8	44.8	47.8	44.8	47.8	49.6	44.8	44.8
53.5	50.5	56.5	63.5	53.5	55.3	50.5	50.5	53.5	50.5	53.5	55.3	50.5	50.5
36.7	33.7	39.7	46.7	36.7	38.5	33.7	33.7	36.7	33.7	36.7	38.5	33.7	33.7
37.3	34.3	40.3	47.3	37.3	39.1	34.3	34.3	37.3	34.3	37.3	39.1	34.3	34.3
20.6	17.6	23.6	30.6	20.6	22.4	17.6	17.6	20.6	17.6	20.6	22.4	17.6	17.6
20.5	17.5	23.5	30.5	20.5	22.3	17.5	17.5	20.5	17.5	20.5	22.3	17.5	17.5
15.9	12.9	18.9	25.9	15.9	17.7	12.9	12.9	15.9	12.9	15.9	17.7	12.9	12.9
24.8	21.8	27.8	34.8	24.8	26.6	21.8	21.8	24.8	21.8	24.8	26.6	21.8	21.8
24.0	21.0	27.0	34.0	24.0	25.8	21.0	21.0	24.0	21.0	24.0	25.8	21.0	21.0
24.6	21.6	27.6	34.6	24.6	26.4	21.6	21.6	24.6	21.6	24.6	26.4	21.6	21.6
26.2	23.2	29.2	36.2	26.2	28.0	23.2	23.2	26.2	23.2	26.2	28.0	23.2	23.2
29.5	26.5	32.5	39.5	29.5	31.3	26.5	26.5	29.5	26.5	29.5	31.3	26.5	26.5
42.4	39.4	45.4	52.4	42.4	44.2	39.4	39.4	42.4	39.4	42.4	44.2	39.4	39.4
44.0	41.0	47.0	54.0	44.0	45.8	41.0	41.0	44.0	41.0	44.0	45.8	41.0	41.0
44.4	41.4	47.4	54.4	44.4	46.2	41.4	41.4	44.4	41.4	44.4	46.2	41.4	41.4
41.7	38.7	44.7	51.7	41.7	43.5	38.7	38.7	41.7	38.7	41.7	43.5	38.7	38.7

36.9	33.9	39.9	46.9	36.9	38.7	33.9	33.9	36.9	33.9	36.9	38.7	33.9	33.9
36.7	33.7	39.7	46.7	36.7	38.5	33.7	33.7	36.7	33.7	36.7	38.5	33.7	33.7
37.4	34.4	40.4	47.4	37.4	39.2	34.4	34.4	37.4	34.4	37.4	39.2	34.4	34.4
36.4	33.4	39.4	46.4	36.4	38.2	33.4	33.4	36.4	33.4	36.4	38.2	33.4	33.4
48.5	45.5	51.5	58.5	48.5	50.3	45.5	45.5	48.5	45.5	48.5	50.3	45.5	45.5

Construction Trucks													
		Cherry Parking						Bond Parking					
Interior	Landscaping	Demo	Excavation	Foundation	Framing	Interior	Landscaping	Demo	Excavation	Foundation	Framing	Interior	Landscaping
2.0	1.0	4.0	20.0	2.0	3.0	1.0	1.0	2.0	1.0	2.0	3.0	1.0	1.0
29.5	26.5	32.5	39.5	29.5	31.3	26.5	26.5	29.5	26.5	29.5	31.3	26.5	26.5
53.6	50.6	56.6	63.6	53.6	55.4	50.6	50.6	53.6	50.6	53.6	55.4	50.6	50.6
39.3	36.3	42.3	49.3	39.3	41.1	36.3	36.3	39.3	36.3	39.3	41.1	36.3	36.3
43.0	40.0	46.0	53.0	43.0	44.8	40.0	40.0	43.0	40.0	43.0	44.8	40.0	40.0
34.3	31.3	37.3	44.3	34.3	36.1	31.3	31.3	34.3	31.3	34.3	36.1	31.3	31.3
29.1	26.1	32.1	39.1	29.1	30.9	26.1	26.1	29.1	26.1	29.1	30.9	26.1	26.1
34.8	31.8	37.8	44.8	34.8	36.6	31.8	31.8	34.8	31.8	34.8	36.6	31.8	31.8
27.1	24.1	30.1	37.1	27.1	28.9	24.1	24.1	27.1	24.1	27.1	28.9	24.1	24.1
29.3	26.3	32.3	39.3	29.3	31.1	26.3	26.3	29.3	26.3	29.3	31.1	26.3	26.3
27.1	24.1	30.1	37.1	27.1	28.9	24.1	24.1	27.1	24.1	27.1	28.9	24.1	24.1
24.3	21.3	27.3	34.3	24.3	26.1	21.3	21.3	24.3	21.3	24.3	26.1	21.3	21.3
23.8	20.8	26.8	33.8	23.8	25.6	20.8	20.8	23.8	20.8	23.8	25.6	20.8	20.8
32.2	29.2	35.2	42.2	32.2	34.0	29.2	29.2	32.2	29.2	32.2	34.0	29.2	29.2
34.7	31.7	37.7	44.7	34.7	36.5	31.7	31.7	34.7	31.7	34.7	36.5	31.7	31.7
38.2	35.2	41.2	48.2	38.2	40.0	35.2	35.2	38.2	35.2	38.2	40.0	35.2	35.2
52.9	49.9	55.9	62.9	52.9	54.7	49.9	49.9	52.9	49.9	52.9	54.7	49.9	49.9
34.4	31.4	37.4	44.4	34.4	36.2	31.4	31.4	34.4	31.4	34.4	36.2	31.4	31.4
42.2	39.2	45.2	52.2	42.2	44.0	39.2	39.2	42.2	39.2	42.2	44.0	39.2	39.2
43.8	40.8	46.8	53.8	43.8	45.6	40.8	40.8	43.8	40.8	43.8	45.6	40.8	40.8
45.1	42.1	48.1	55.1	45.1	46.9	42.1	42.1	45.1	42.1	45.1	46.9	42.1	42.1
42.6	39.6	45.6	52.6	42.6	44.4	39.6	39.6	42.6	39.6	42.6	44.4	39.6	39.6
38.0	35.0	41.0	48.0	38.0	39.8	35.0	35.0	38.0	35.0	38.0	39.8	35.0	35.0
33.7	30.7	36.7	43.7	33.7	35.5	30.7	30.7	33.7	30.7	33.7	35.5	30.7	30.7
31.3	28.3	34.3	41.3	31.3	33.1	28.3	28.3	31.3	28.3	31.3	33.1	28.3	28.3
29.5	26.5	32.5	39.5	29.5	31.3	26.5	26.5	29.5	26.5	29.5	31.3	26.5	26.5
47.5	44.5	50.5	57.5	47.5	49.3	44.5	44.5	47.5	44.5	47.5	49.3	44.5	44.5

Construction Trucks													
		Cherry Parking						Bond Parking					

Interior	Landscaping	Demo	Excavation	Foundation	Framing	Interior	Landscaping	Demo	Excavation	Foundation	Framing	Interior	Landscaping
2.0	1.0	4.0	20.0	2.0	3.0	1.0	1.0	2.0	1.0	2.0	3.0	1.0	1.0
38.4	35.4	41.4	48.4	38.4	40.2	35.4	35.4	38.4	35.4	38.4	40.2	35.4	35.4
37.8	34.8	40.8	47.8	37.8	39.6	34.8	34.8	37.8	34.8	37.8	39.6	34.8	34.8
39.6	36.6	42.6	49.6	39.6	41.4	36.6	36.6	39.6	36.6	39.6	41.4	36.6	36.6
38.3	35.3	41.3	48.3	38.3	40.1	35.3	35.3	38.3	35.3	38.3	40.1	35.3	35.3
29.8	26.8	32.8	39.8	29.8	31.6	26.8	26.8	29.8	26.8	29.8	31.6	26.8	26.8
29.4	26.4	32.4	39.4	29.4	31.2	26.4	26.4	29.4	26.4	29.4	31.2	26.4	26.4
37.9	34.9	40.9	47.9	37.9	39.7	34.9	34.9	37.9	34.9	37.9	39.7	34.9	34.9
28.0	25.0	31.0	38.0	28.0	29.8	25.0	25.0	28.0	25.0	28.0	29.8	25.0	25.0
29.9	26.9	32.9	39.9	29.9	31.7	26.9	26.9	29.9	26.9	29.9	31.7	26.9	26.9
30.4	27.4	33.4	40.4	30.4	32.2	27.4	27.4	30.4	27.4	30.4	32.2	27.4	27.4
28.0	25.0	31.0	38.0	28.0	29.8	25.0	25.0	28.0	25.0	28.0	29.8	25.0	25.0
27.1	24.1	30.1	37.1	27.1	28.9	24.1	24.1	27.1	24.1	27.1	28.9	24.1	24.1
45.0	42.0	48.0	55.0	45.0	46.8	42.0	42.0	45.0	42.0	45.0	46.8	42.0	42.0
31.7	28.7	34.7	41.7	31.7	33.5	28.7	28.7	31.7	28.7	31.7	33.5	28.7	28.7
37.0	34.0	40.0	47.0	37.0	38.8	34.0	34.0	37.0	34.0	37.0	38.8	34.0	34.0
39.9	36.9	42.9	49.9	39.9	41.7	36.9	36.9	39.9	36.9	39.9	41.7	36.9	36.9
40.7	37.7	43.7	50.7	40.7	42.5	37.7	37.7	40.7	37.7	40.7	42.5	37.7	37.7
36.2	33.2	39.2	46.2	36.2	38.0	33.2	33.2	36.2	33.2	36.2	38.0	33.2	33.2
37.0	34.0	40.0	47.0	37.0	38.8	34.0	34.0	37.0	34.0	37.0	38.8	34.0	34.0
27.7	24.7	30.7	37.7	27.7	29.5	24.7	24.7	27.7	24.7	27.7	29.5	24.7	24.7
29.4	26.4	32.4	39.4	29.4	31.2	26.4	26.4	29.4	26.4	29.4	31.2	26.4	26.4
30.8	27.8	33.8	40.8	30.8	32.6	27.8	27.8	30.8	27.8	30.8	32.6	27.8	27.8
28.5	25.5	31.5	38.5	28.5	30.3	25.5	25.5	28.5	25.5	28.5	30.3	25.5	25.5
28.4	25.4	31.4	38.4	28.4	30.2	25.4	25.4	28.4	25.4	28.4	30.2	25.4	25.4
27.3	24.3	30.3	37.3	27.3	29.1	24.3	24.3	27.3	24.3	27.3	29.1	24.3	24.3
45.7	42.7	48.7	55.7	45.7	47.5	42.7	42.7	45.7	42.7	45.7	47.5	42.7	42.7

Construction Trucks													
		Cherry Parking						Bond Parking					
Interior	Landscaping	Demo	Excavation	Foundation	Framing	Interior	Landscaping	Demo	Excavation	Foundation	Framing	Interior	Landscaping
2.0	1.0	4.0	20.0	2.0	3.0	1.0	1.0	2.0	1.0	2.0	3.0	1.0	1.0
27.1	24.1	30.1	37.1	27.1	28.9	24.1	24.1	27.1	24.1	27.1	28.9	24.1	24.1
53.5	50.5	56.5	63.5	53.5	55.3	50.5	50.5	53.5	50.5	53.5	55.3	50.5	50.5
43.1	40.1	46.1	53.1	43.1	44.9	40.1	40.1	43.1	40.1	43.1	44.9	40.1	40.1
38.2	35.2	41.2	48.2	38.2	40.0	35.2	35.2	38.2	35.2	38.2	40.0	35.2	35.2

29.2	26.2	32.2	39.2	29.2	31.0	26.2	26.2	29.2	26.2	29.2	31.0	26.2	26.2
28.5	25.5	31.5	38.5	28.5	30.3	25.5	25.5	28.5	25.5	28.5	30.3	25.5	25.5
34.9	31.9	37.9	44.9	34.9	36.7	31.9	31.9	34.9	31.9	34.9	36.7	31.9	31.9
24.4	21.4	27.4	34.4	24.4	26.2	21.4	21.4	24.4	21.4	24.4	26.2	21.4	21.4
29.5	26.5	32.5	39.5	29.5	31.3	26.5	26.5	29.5	26.5	29.5	31.3	26.5	26.5
29.1	26.1	32.1	39.1	29.1	30.9	26.1	26.1	29.1	26.1	29.1	30.9	26.1	26.1
24.7	21.7	27.7	34.7	24.7	26.5	21.7	21.7	24.7	21.7	24.7	26.5	21.7	21.7
23.8	20.8	26.8	33.8	23.8	25.6	20.8	20.8	23.8	20.8	23.8	25.6	20.8	20.8
33.0	30.0	36.0	43.0	33.0	34.8	30.0	30.0	33.0	30.0	33.0	34.8	30.0	30.0
31.6	28.6	34.6	41.6	31.6	33.4	28.6	28.6	31.6	28.6	31.6	33.4	28.6	28.6
38.6	35.6	41.6	48.6	38.6	40.4	35.6	35.6	38.6	35.6	38.6	40.4	35.6	35.6
40.1	37.1	43.1	50.1	40.1	41.9	37.1	37.1	40.1	37.1	40.1	41.9	37.1	37.1
40.7	37.7	43.7	50.7	40.7	42.5	37.7	37.7	40.7	37.7	40.7	42.5	37.7	37.7
36.3	33.3	39.3	46.3	36.3	38.1	33.3	33.3	36.3	33.3	36.3	38.1	33.3	33.3
37.2	34.2	40.2	47.2	37.2	39.0	34.2	34.2	37.2	34.2	37.2	39.0	34.2	34.2
27.8	24.8	30.8	37.8	27.8	29.6	24.8	24.8	27.8	24.8	27.8	29.6	24.8	24.8
29.4	26.4	32.4	39.4	29.4	31.2	26.4	26.4	29.4	26.4	29.4	31.2	26.4	26.4
30.7	27.7	33.7	40.7	30.7	32.5	27.7	27.7	30.7	27.7	30.7	32.5	27.7	27.7
28.0	25.0	31.0	38.0	28.0	29.8	25.0	25.0	28.0	25.0	28.0	29.8	25.0	25.0
27.6	24.6	30.6	37.6	27.6	29.4	24.6	24.6	27.6	24.6	27.6	29.4	24.6	24.6
25.9	22.9	28.9	35.9	25.9	27.7	22.9	22.9	25.9	22.9	25.9	27.7	22.9	22.9
45.7	42.7	48.7	55.7	45.7	47.5	42.7	42.7	45.7	42.7	45.7	47.5	42.7	42.7

Construction Trucks													
		Cherry Parking						Bond Parking					
Interior	Landscaping	Demo	Excavation	Foundation	Framing	Interior	Landscaping	Demo	Excavation	Foundation	Framing	Interior	Landscaping
38.4	35.4	41.4	48.4	38.4	40.2	35.4	35.4	38.4	35.4	38.4	40.2	35.4	35.4
53.6	50.6	56.6	63.6	53.6	55.4	50.6	50.6	53.6	50.6	53.6	55.4	50.6	50.6
43.1	40.1	46.1	53.1	43.1	44.9	40.1	40.1	43.1	40.1	43.1	44.9	40.1	40.1
45.7	42.7	48.7	55.7	45.7	47.5	42.7	42.7	45.7	42.7	45.7	47.5	42.7	42.7
41.4	38.4	44.4	51.4	41.4	43.2	38.4	38.4	41.4	38.4	41.4	43.2	38.4	38.4
47.8	44.8	50.8	57.8	47.8	49.6	44.8	44.8	47.8	44.8	47.8	49.6	44.8	44.8
53.5	50.5	56.5	63.5	53.5	55.3	50.5	50.5	53.5	50.5	53.5	55.3	50.5	50.5
36.7	33.7	39.7	46.7	36.7	38.5	33.7	33.7	36.7	33.7	36.7	38.5	33.7	33.7
37.3	34.3	40.3	47.3	37.3	39.1	34.3	34.3	37.3	34.3	37.3	39.1	34.3	34.3
30.4	27.4	33.4	40.4	30.4	32.2	27.4	27.4	30.4	27.4	30.4	32.2	27.4	27.4
28.0	25.0	31.0	38.0	28.0	29.8	25.0	25.0	28.0	25.0	28.0	29.8	25.0	25.0
27.1	24.1	30.1	37.1	27.1	28.9	24.1	24.1	27.1	24.1	27.1	28.9	24.1	24.1
45.0	42.0	48.0	55.0	45.0	46.8	42.0	42.0	45.0	42.0	45.0	46.8	42.0	42.0
34.7	31.7	37.7	44.7	34.7	36.5	31.7	31.7	34.7	31.7	34.7	36.5	31.7	31.7
38.6	35.6	41.6	48.6	38.6	40.4	35.6	35.6	38.6	35.6	38.6	40.4	35.6	35.6

52.9	49.9	55.9	62.9	52.9	54.7	49.9	49.9	52.9	49.9	52.9	54.7	49.9	49.9
40.7	37.7	43.7	50.7	40.7	42.5	37.7	37.7	40.7	37.7	40.7	42.5	37.7	37.7
42.4	39.4	45.4	52.4	42.4	44.2	39.4	39.4	42.4	39.4	42.4	44.2	39.4	39.4
44.0	41.0	47.0	54.0	44.0	45.8	41.0	41.0	44.0	41.0	44.0	45.8	41.0	41.0
45.1	42.1	48.1	55.1	45.1	46.9	42.1	42.1	45.1	42.1	45.1	46.9	42.1	42.1
42.6	39.6	45.6	52.6	42.6	44.4	39.6	39.6	42.6	39.6	42.6	44.4	39.6	39.6
38.0	35.0	41.0	48.0	38.0	39.8	35.0	35.0	38.0	35.0	38.0	39.8	35.0	35.0
36.7	33.7	39.7	46.7	36.7	38.5	33.7	33.7	36.7	33.7	36.7	38.5	33.7	33.7
37.4	34.4	40.4	47.4	37.4	39.2	34.4	34.4	37.4	34.4	37.4	39.2	34.4	34.4
36.4	33.4	39.4	46.4	36.4	38.2	33.4	33.4	36.4	33.4	36.4	38.2	33.4	33.4
48.5	45.5	51.5	58.5	48.5	50.3	45.5	45.5	48.5	45.5	48.5	50.3	45.5	45.5

INPUT: BARRIERS

LA Convention & Farmers Field

Matrix Environmental SKB										14 September 2011 TNM 2.5									
INPUT: BARRIERS																			
PROJECT/CONTRACT:										LA Convention & Farmers Field									
RUN:										Haul Trucks - FWY 10 Option A									
Barrier										Points									
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	\$ per	\$ per	Top	Run:Rise	\$ per			X	Y	Z	at	Seg	Ht	Perturbs	On	Important
				Unit	Unit	Width		Unit						Point	Incre-	#Up	#Dn	Struct?	Reflec-
				Area	Vol.			Length							ment				tions?
		ft	ft	\$/sq ft	\$/cu yd	ft	ft:ft	\$/ft			ft	ft	ft	ft	ft				
110 Freeway Shoulder - southbound	W	0.00	99.99	0.00				0.00	point1	1	-393.0	1,851.5	240.00	0.00	0.00	0	0		
									point2	2	-479.5	1,699.7	249.00	0.00	0.00	0	0		
									point3	3	-632.9	1,522.0	255.00	0.00	0.00	0	0		
									point4	4	-875.9	1,171.3	250.00	0.00	0.00	0	0		
									point5	5	-1,151.1	667.9	250.00	0.00	0.00	0	0		
									point6	6	-1,231.6	450.7	245.00	0.00	0.00	0	0		
									point7	7	-1,272.8	158.0	240.00	0.00	0.00	0	0	Y	
									point8	8	-1,272.8	-177.5	240.00	0.00	0.00	0	0	Y	
									point9	9	-1,333.5	-828.9	242.00	0.00	0.00	0	0	Y	
									point10	10	-1,407.9	-1,624.2	242.00	0.00					
110 Freeway Shoulder - interchange	W	0.00	99.99	0.00				0.00	point1	11	-2,053.1	-1,115.5	227.00	0.00	0.00	0	0		
									point2	12	-1,855.3	-1,282.3	227.00	0.00	0.00	0	0		
									point3	13	-1,697.4	-1,427.2	229.00	0.00	0.00	0	0		
									point4	14	-1,531.3	-1,526.8	230.00	0.00	0.00	0	0		
									point5	15	-1,480.1	-1,622.9	233.00	0.00	0.00	0	0		
									point6	16	-1,455.8	-1,770.1	235.00	0.00	0.00	0	0		
									point7	17	-1,468.4	-2,038.1	242.00	0.00	0.00	0	0		
									point8	18	-1,515.8	-2,385.2	234.00	0.00	0.00	0	0		
									point9	19	-1,515.8	-2,719.7	218.00	0.00					
110 Freeway Shoulder - northbound	W	0.00	99.99	0.00				0.00	point1	20	-1,348.8	-2,708.1	214.00	0.00	0.00	0	0		
									point2	21	-1,277.0	-2,003.0	241.00	0.00	0.00	0	0		
									point3	22	-1,196.5	-1,605.8	243.00	0.00	0.00	0	0		
									point4	23	-1,034.1	-1,129.1	245.00	0.00	0.00	0	0		
									point5	24	-1,034.1	-1,027.1	245.00	0.00	0.00	0	0		
									point6	25	-1,045.9	-854.6	245.00	0.00	0.00	0	0		
									point7	26	-1,088.4	-720.3	245.00	0.00					
10 Freeway Shoulder - westbound	W	0.00	99.99	0.00				0.00	point1	27	1,679.7	-2,607.4	242.00	0.00	0.00	0	0		
									point2	28	877.6	-2,058.4	242.00	0.00	0.00	0	0		
									point3	29	537.6	-1,729.0	242.00	0.00	0.00	0	0		
									point4	30	43.3	-1,383.2	240.00	0.00	0.00	0	0		
									point5	31	-401.0	-1,030.1	240.00	0.00	0.00	0	0		
									point6	32	-544.1	-918.7	250.00	0.00	0.00	0	0		
									point7	33	-617.1	-752.6	255.00	0.00	0.00	0	0		
									point8	34	-559.7	-465.8	260.00	0.00	0.00	0	0		
									point9	35	-576.0	-318.9	255.00	0.00	0.00	0	0		

INPUT: BARRIERS
LA Convention & Farmers Field

									point10	36	-629.9	-186.9	250.00	0.00				
10 Freeway Shoulder - eastbound 1	W	0.00	99.99	0.00				0.00	point1	37	-1,007.7	-917.3	255.00	0.00	0.00	0	0	
									point2	38	-696.4	-1,027.1	250.00	0.00	0.00	0	0	
									point3	39	-195.0	-1,392.1	242.00	0.00	0.00	0	0	
									point4	40	396.3	-1,908.8	242.00	0.00	0.00	0	0	
									point5	41	786.5	-2,168.8	242.00	0.00				
10 Freeway Shoulder - eastbound 2	W	0.00	99.99	0.00				0.00	point1	42	533.2	-2,096.5	241.00	0.00	0.00	0	0	
									point2	43	827.8	-2,239.9	242.00	0.00	0.00	0	0	
									point3	44	1,601.4	-2,748.3	242.00	0.00				
LACC South Hall	W	0.00	99.99	0.00				0.00	point1	45	10.7	193.2	232.00	89.00	0.00	0	0	
									point2	46	-293.2	358.1	232.00	89.00	0.00	0	0	
									point3	47	-403.2	140.8	232.00	89.00	0.00	0	0	
									point4	48	-424.1	-136.7	232.00	89.00	0.00	0	0	
									point5	49	-322.0	-409.0	232.00	89.00	0.00	0	0	
									point6	50	-164.8	-571.3	232.00	89.00	0.00	0	0	
									point7	51	13.3	-678.6	232.00	89.00	0.00	0	0	
									point8	53	178.3	-377.5	232.00	89.00	0.00	0	0	
									point9	52	10.7	193.2	232.00	89.00				
Staples Center	W	0.00	120.00	0.00				0.00	point1	54	1,016.5	1,074.7	234.00	108.00	0.00	0	0	
									point2	55	802.8	1,170.6	234.00	108.00	0.00	0	0	
									point3	56	612.9	1,033.4	234.00	108.00	0.00	0	0	
									point4	57	636.8	800.5	234.00	108.00	0.00	0	0	
									point5	58	850.5	704.6	234.00	108.00	0.00	0	0	
									point6	59	1,040.3	841.7	234.00	108.00	0.00	0	0	
									point7	60	1,016.5	1,074.7	234.00	108.00				
LACC Concourse	W	0.00	99.99	0.00				0.00	point1	61	238.0	110.7	232.00	89.00	0.00	0	0	
									point2	62	84.3	191.2	232.00	89.00	0.00	0	0	
									point3	63	396.1	772.7	232.00	89.00	0.00	0	0	
									point4	64	466.2	522.2	232.00	89.00	0.00	0	0	
									point5	65	238.0	110.7	232.00	89.00				
10 Freeway Interchange to SB FWY 110	W	0.00	99.99	0.00				0.00	point1	66	-1,426.4	-576.3	223.00	0.00	0.00	0	0	
									point2	67	-1,618.1	-631.1	222.00	0.00	0.00	0	0	
									point3	68	-1,781.7	-786.3	221.00	0.00	0.00	0	0	
									point4	69	-1,875.3	-1,014.6	22.00	0.00	0.00	0	0	
									point5	70	-1,845.4	-1,243.5	227.00	0.00				
Nokia Theater	W	0.00	99.99	0.00				0.00	point1	71	717.4	1,553.2	234.00	70.00	0.00	0	0	
									point2	72	664.1	1,369.2	234.00	70.00	0.00	0	0	
									point3	73	948.3	1,288.8	234.00	70.00	0.00	0	0	
									point4	74	1,003.4	1,477.6	234.00	70.00	0.00	0	0	
									point5	75	717.4	1,553.2	234.00	70.00				
LA Live West Parking Structure	W	0.00	99.99	0.00				0.00	point1	76	288.6	1,846.5	234.00	25.00	0.00	0	0	
									point2	77	165.3	1,611.5	234.00	25.00	0.00	0	0	
									point3	78	478.5	1,442.0	234.00	25.00	0.00	0	0	
									point4	79	611.7	1,673.6	234.00	25.00	0.00	0	0	
									point5	80	288.6	1,846.5	234.00	25.00				
LA Live Structure	W	0.00	99.99	0.00				0.00	point1	81	1,251.9	1,708.5	240.00	84.00	0.00	0	0	
									point2	82	1,112.9	1,481.3	240.00	84.00	0.00	0	0	
									point3	83	1,553.8	1,451.9	240.00	84.00	0.00	0	0	
									point4	84	1,669.8	1,593.5	240.00	84.00	0.00	0	0	

INPUT: BARRIERS

LA Convention & Farmers Field

									point5	85	1,251.9	1,708.5	240.00	84.00					
Apt. Bldg. at Figueroa and Pico	W	0.00	99.99	0.00				0.00	point1	86	571.4	-29.3	233.00	60.00	0.00	0	0		
									point2	87	508.2	-147.2	233.00	60.00	0.00	0	0		
									point3	88	773.5	-296.7	233.00	60.00	0.00	0	0		
									point4	89	844.7	-168.5	233.00	60.00	0.00	0	0		
									point5	90	571.4	-29.3	233.00	60.00					

INPUT: TRAFFIC FOR LAeq1h Volumes
LA Convention & Farmers Field

Matrix Environmental												
SKB												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	LA Convention & Farmers Field											
RUN:	Haul Trucks - FWY 10 Option A											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Empty - From 10 FWY (on freeway)	point1	1	0	0	0	0	10	55	0	0	0	0
	point2	2	0	0	0	0	10	55	0	0	0	0
	point3	3	0	0	0	0	10	55	0	0	0	0
	point4	4	0	0	0	0	10	55	0	0	0	0
	point5	5	0	0	0	0	10	55	0	0	0	0
	point6	6	0	0	0	0	10	55	0	0	0	0
	point7	7	0	0	0	0	10	55	0	0	0	0
	point8	38	0	0	0	0	10	55	0	0	0	0
	point9	37	0	0	0	0	10	55	0	0	0	0
	point10	8	0	0	0	0	10	55	0	0	0	0
	point11	9										
Empty - From 10 FWY (on local street)	point11	10	0	0	0	0	10	30	0	0	0	0
	point12	11	0	0	0	0	10	30	0	0	0	0
	point13	40	0	0	0	0	10	30	0	0	0	0
	point14	39	0	0	0	0	10	30	0	0	0	0
	point15	12										
Loaded to 10 FWY - A (on local street)	point1	13	0	0	0	0	10	30	0	0	0	0
	point2	14	0	0	0	0	10	30	0	0	0	0
	point3	15	0	0	0	0	10	30	0	0	0	0
	point4	16	0	0	0	0	10	30	0	0	0	0
	point5	42	0	0	0	0	10	30	0	0	0	0
	point6	41	0	0	0	0	10	30	0	0	0	0
	point7	31	0	0	0	0	10	30	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

LA Convention & Farmers Field

	point8	17										
Loaded to 10 FWY - A (on freeway)	point1	18	0	0	0	0	10	55	0	0	0	0
	point2	19	0	0	0	0	10	55	0	0	0	0
	point3	20	0	0	0	0	10	55	0	0	0	0
	point4	21	0	0	0	0	10	55	0	0	0	0
	point5	24										

INPUT: ROADWAYS
LA Convention & Farmers Field

Matrix Environmental					14 September 2011					
SKB					TNM 2.5					

INPUT: ROADWAYS
PROJECT/CONTRACT:
LA Convention & Farmers Field
RUN:
Haul Trucks - FWY 10 Option A

Average pavement type shall be used unless
a State highway agency substantiates the use
of a different type with the approval of FHWA

Roadway		Points								
Name	Width	Name	No.	Coordinates	(pavement)		Flow Control		Segment	
				X	Y	Z	Control	Speed	Percent	Pvmt
							Device	Constraint	Vehicles	Type
									Affected	On
	ft			ft	ft	ft		mph	%	Struct?
Empty - From 10 FWY (on freeway)	12.0	point1	1	1,661.5	-2,643.2	242.00				Average
		point2	2	863.2	-2,088.2	242.00				Average
		point3	3	523.0	-1,753.4	242.00				Average
		point4	4	24.4	-1,395.1	240.00				Average
		point5	5	-418.1	-1,037.9	245.00				Average
		point6	6	-567.1	-917.7	250.00				Average Y
		point7	7	-634.3	-755.5	255.00				Average Y
		point8	38	-580.1	-469.1	260.00				Average
		point9	37	-595.6	-320.9	255.00				Average
		point10	8	-658.1	-178.6	250.00				Average Y
		point11	9	-797.6	72.0	227.00				
Empty - From 10 FWY (on local street)	12.0	point11	10	-797.6	72.0	227.00	Stop	0.00	100	Average
		point12	11	-813.4	173.5	225.00				Average
		point13	40	-798.7	250.8	224.00				Average
		point14	39	-574.7	665.8	226.00				Average
		point15	12	-307.1	1,234.9	230.00				
Loaded to 10 FWY - A (on local street)	12.0	point1	13	279.1	1,476.9	234.00	Stop	0.00	100	Average
		point2	14	706.1	1,247.9	237.00				Average
		point3	15	1,236.2	1,214.2	240.00				Average
		point4	16	1,391.3	1,152.3	241.00				Average
		point5	42	1,721.7	893.3	243.00				Average
		point6	41	1,317.4	389.1	240.00				Average
		point7	31	913.9	-149.9	237.00				Average
		point8	17	208.1	-1,465.3	225.00				
Loaded to 10 FWY - A (on freeway)	12.0	point1	18	31.6	-1,794.2	225.00				Average

INPUT: ROADWAYS

LA Convention & Farmers Field

		point2	19	187.7	-1,818.2	226.00				Average	
		point3	20	628.2	-2,110.6	241.00				Average	
		point4	21	852.4	-2,220.3	242.00				Average	
		point5	24	1,612.0	-2,709.7	242.00					

RESULTS: SOUND LEVELS
LA Convention & Farmers Field

Matrix Environmental SKB												
7 January 2012												
TNM 2.5												
Calculated with TNM 2.5												
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT: LA Convention & Farmers Field												
RUN: Haul Trucks - FWY 10 Option A												
BARRIER DESIGN: INPUT HEIGHTS												
Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.												
ATMOSPHERICS: 68 deg F, 50% RH												
Receiver												
Name	No.	#DUs	Existing	No Barrier	With Barrier							
			LAeq1h	LAeq1h								
				Calculated	Crit'n	Increase over existing		Type	Calculated	Noise Reduction		
						Calculated	Crit'n	Impact	LAeq1h	Calculated	Goal	Calculated
							Sub'l Inc					minus
												Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
R1	1	1	0.0	45.4	66	45.4	10	----	45.4	0.0	8	-8.0
R2	2	1	0.0	44.8	66	44.8	10	----	44.8	0.0	8	-8.0
R3	3	1	0.0	46.6	66	46.6	10	----	46.6	0.0	8	-8.0
R4	4	1	0.0	45.3	66	45.3	10	----	45.3	0.0	8	-8.0
R5	5	1	0.0	36.8	66	36.8	10	----	36.8	0.0	8	-8.0
R6b	6	1	0.0	36.4	66	36.4	10	----	36.4	0.0	8	-8.0
R7b	7	1	0.0	44.9	66	44.9	10	----	44.9	0.0	8	-8.0
R8	8	1	0.0	35.0	66	35.0	10	----	35.0	0.0	8	-8.0
R9	9	1	0.0	36.9	66	36.9	10	----	36.9	0.0	8	-8.0
R10	10	1	0.0	37.4	66	37.4	10	----	37.4	0.0	8	-8.0
R11	11	1	0.0	35.0	66	35.0	10	----	35.0	0.0	8	-8.0
R12	12	1	0.0	34.1	66	34.1	10	----	34.1	0.0	8	-8.0
R13	13	1	0.0	52.0	66	52.0	10	----	52.0	0.0	8	-8.0
R14	14	1	0.0	38.7	66	38.7	10	----	38.7	0.0	8	-8.0
R15	15	1	0.0	44.0	66	44.0	10	----	44.0	0.0	8	-8.0
R16	16	1	0.0	46.9	66	46.9	10	----	46.9	0.0	8	-8.0
R17	17	1	0.0	47.7	66	47.7	10	----	47.7	0.0	8	-8.0
R18	18	1	0.0	43.2	66	43.2	10	----	43.2	0.0	8	-8.0
R19	19	1	0.0	44.0	66	44.0	10	----	44.0	0.0	8	-8.0
R20	20	1	0.0	34.7	66	34.7	10	----	34.7	0.0	8	-8.0
R21	21	1	0.0	36.4	66	36.4	10	----	36.4	0.0	8	-8.0
R22	22	1	0.0	37.8	66	37.8	10	----	37.8	0.0	8	-8.0
R23	23	1	0.0	35.5	66	35.5	10	----	35.5	0.0	8	-8.0
R24	24	1	0.0	35.4	66	35.4	10	----	35.4	0.0	8	-8.0

RESULTS: SOUND LEVELS
LA Convention & Farmers Field

R25	25	1	0.0	34.3	66	34.3	10	----	34.3	0.0	8	-8.0
R26	26	1	0.0	52.7	66	52.7	10	----	52.7	0.0	8	-8.0
R1A-Nokia	28	1	0.0	59.5	66	59.5	10	----	59.5	0.0	8	-8.0
R1B-1stFlr	29	1	0.0	43.6	66	43.6	10	----	43.6	0.0	8	-8.0
R1B-27thFlr	32	1	0.0	49.0	66	49.0	10	----	49.0	0.0	8	-8.0
R1B-54thFlr	33	1	0.0	49.4	66	49.4	10	----	49.4	0.0	8	-8.0
R6	34	1	0.0	36.0	66	36.0	10	----	36.0	0.0	8	-8.0
R7	35	1	0.0	40.6	66	40.6	10	----	40.6	0.0	8	-8.0
R6c	36	1	0.0	37.0	66	37.0	10	----	37.0	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		33	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

INPUT: RECEIVERS
LA Convention & Farmers Field

Matrix Environmental SKB							7 January 2012 TNM 2.5					
INPUT: RECEIVERS												
PROJECT/CONTRACT:	LA Convention & Farmers Field											
RUN:	Haul Trucks - FWY 10 Option A											
Receiver												
Name	No.	#DUS	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active	
			X	Y	Z	above	Existing	Impact Criteria		NR	in	
						Ground	L _{Aeq} 1h	L _{Aeq} 1h	Sub'l	Goal	Calc.	
			ft	ft	ft	ft	dBA	dBA	dB	dB		
R1	1	1	748.5	1,659.9	239.00	4.92	0.00	66	10.0	8.0	Y	
R2	2	1	608.3	-37.4	236.00	4.92	0.00	66	10.0	8.0	Y	
R3	3	1	446.1	-582.1	233.00	4.92	0.00	66	10.0	8.0	Y	
R4	4	1	-1,392.2	155.1	224.00	4.92	0.00	66	10.0	8.0	Y	
R5	5	1	-1,624.8	905.5	226.00	4.92	0.00	66	10.0	8.0	Y	
R6b	6	1	-914.1	1,249.1	230.00	4.92	0.00	66	10.0	8.0	Y	
R7b	7	1	-242.7	1,926.1	239.00	4.92	0.00	66	10.0	8.0	Y	
R8	8	1	-908.0	2,630.8	240.00	4.92	0.00	66	10.0	8.0	Y	
R9	9	1	-226.3	2,827.8	254.00	4.92	0.00	66	10.0	8.0	Y	
R10	10	1	1,817.0	1,719.0	249.00	4.92	0.00	66	10.0	8.0	Y	
R11	11	1	2,600.2	1,807.7	254.00	4.92	0.00	66	10.0	8.0	Y	
R12	12	1	2,385.1	1,248.8	249.00	4.92	0.00	66	10.0	8.0	Y	
R13	13	1	1,808.1	909.3	243.00	4.92	0.00	66	10.0	8.0	Y	
R14	14	1	1,884.2	-29.3	243.00	4.92	0.00	66	10.0	8.0	Y	
R15	15	1	937.7	-878.4	233.00	4.92	0.00	66	10.0	8.0	Y	
R16	16	1	1,115.2	-1,668.1	229.00	4.92	0.00	66	10.0	8.0	Y	
R17	17	1	173.5	-2,443.1	223.00	4.92	0.00	66	10.0	8.0	Y	
R18	18	1	-649.1	-1,276.6	224.00	4.92	0.00	66	10.0	8.0	Y	
R19	19	1	-885.2	-1,562.3	221.00	4.92	0.00	66	10.0	8.0	Y	
R20	20	1	-1,764.6	-1,931.7	216.00	4.92	0.00	66	10.0	8.0	Y	
R21	21	1	-2,062.2	-1,814.5	215.00	4.92	0.00	66	10.0	8.0	Y	
R22	22	1	-2,583.4	-466.0	216.00	4.92	0.00	66	10.0	8.0	Y	

INPUT: RECEIVERS**LA Convention & Farmers Field**

R23	23	1	-2,315.2	873.4	223.00	4.92	0.00	66	10.0	8.0	Y
R24	24	1	-1,895.9	1,436.7	226.00	4.92	0.00	66	10.0	8.0	Y
R25	25	1	-1,700.4	1,976.8	230.00	4.92	0.00	66	10.0	8.0	Y
R26	26	1	-822.4	-325.0	229.00	4.92	0.00	66	10.0	8.0	Y
R1A-Nokia	28	1	652.6	1,344.8	237.00	4.92	0.00	66	10.0	8.0	Y
R1B-1stFlr	29	1	771.7	1,645.4	239.00	15.00	0.00	66	10.0	8.0	Y
R1B-27thFlr	32	1	771.7	1,645.4	239.00	345.00	0.00	66	10.0	8.0	Y
R1B-54thFlr	33	1	771.7	1,645.4	239.00	690.00	0.00	66	10.0	8.0	Y
R6	34	1	-1,224.9	1,415.4	229.00	4.92	0.00	66	10.0	8.0	Y
R7	35	1	-547.7	2,082.0	238.00	4.92	0.00	66	10.0	8.0	Y
R6c	36	1	-632.9	1,742.2	234.00	4.92	0.00	66	10.0	8.0	Y

INPUT: BUILDING ROWS

LA Convention & Farmers Field

Matrix Environmental					14 September 2011	
SKB					TNM 2.5	
INPUT: BUILDING ROWS						
PROJECT/CONTRACT:	LA Convention & Farmers Field					
RUN:	Haul Trucks - FWY 10 Option A					
Building Row			Points			
Name	Average Height	Building Percent	No.	Coordinates (ground)		
				X	Y	Z
	ft	%		ft	ft	ft
11th & Figueroa	75.00	75	9	1,809.5	1,524.9	242.00
			10	1,603.5	1,264.5	242.00
			11	1,799.8	1,114.9	242.00
			12	2,017.5	1,394.7	242.00
			13	1,809.5	1,523.9	242.00
11th & Flower	75.00	75	14	1,826.9	890.8	243.00
			15	2,147.6	1,303.2	243.00
			16	2,362.5	1,140.3	243.00
			17	2,040.1	707.1	243.00
			18	1,826.9	889.8	243.00
12th & Flower	50.00	75	19	1,425.2	371.9	243.00
			20	1,749.0	805.5	243.00
			21	2,285.6	377.5	243.00
			22	1,961.9	-42.6	243.00
			23	1,425.2	370.9	243.00
Pico & Flower	25.00	75	24	1,356.9	303.3	240.00
			25	1,064.9	-113.2	240.00
			26	1,643.7	-499.9	240.00
			27	1,916.3	-116.8	240.00
			28	1,356.9	302.3	240.00
Venice & Flower	25.00	75	29	841.9	-415.7	230.00
			30	314.4	-1,520.4	230.00
			31	497.5	-1,625.0	230.00
			32	1,070.8	-533.3	230.00

INPUT: BUILDING ROWS**LA Convention & Farmers Field**

			33	841.9	-414.7	230.00
Hope & Flower	40.00	50	34	1,217.1	-609.9	230.00
			35	641.6	-1,721.3	230.00
			36	901.0	-1,923.9	230.00
			37	1,498.3	-742.9	230.00
			38	1,217.1	-608.9	230.00
17th & Grand	40.00	65	39	1,099.3	-1,796.3	230.00
			40	990.3	-1,992.4	230.00
			41	1,709.7	-2,504.5	230.00
			42	1,860.1	-2,286.6	230.00
			43	1,099.3	-1,795.3	230.00
18th & Grand	25.00	65	44	495.1	-2,178.2	224.00
			45	421.0	-2,306.8	224.00
			46	1,391.1	-2,899.5	224.00
			47	1,467.3	-2,773.1	224.00
			48	495.1	-2,177.2	224.00
Washington & Hope	25.00	75	49	283.0	-2,033.8	224.00
			50	45.4	-2,521.9	224.00
			51	-107.2	-2,454.3	224.00
			52	158.7	-1,974.9	224.00
			53	283.0	-2,032.8	224.00
18th & Figueora	25.00	75	54	-532.0	-1,334.9	224.00
			55	-703.0	-1,657.1	224.00
			56	-508.3	-1,758.3	224.00
			57	-336.0	-1,429.6	224.00
			58	-532.0	-1,333.9	224.00
Flower & Figueroa	25.00	50	59	247.7	-1,007.5	233.00
			60	643.7	-259.2	233.00
			61	764.0	-321.4	233.00
			62	361.7	-1,066.6	233.00
			63	249.7	-1,006.5	233.00

INPUT: TRAFFIC FOR LAeq1h Volumes
LA Convention & Farmers Field

Matrix Environmental													
SKB													
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:	LA Convention & Farmers Field												
RUN:	Haul Trucks - FWY 10 Option A												
Roadway	Points												
Name	Name	No.	Segment										
			Autos		MTrucks		HTrucks		Buses		Motorcycles		
			V	S	V	S	V	S	V	S	V	S	
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	
Empty - From 10 FWY (on freeway)	point1	1	0	0	0	0	10	55	0	0	0	0	
	point2	2	0	0	0	0	10	55	0	0	0	0	
	point3	3	0	0	0	0	10	55	0	0	0	0	
	point4	4	0	0	0	0	10	55	0	0	0	0	
	point5	5	0	0	0	0	10	55	0	0	0	0	
	point6	6	0	0	0	0	10	55	0	0	0	0	
	point7	7	0	0	0	0	10	55	0	0	0	0	
	point8	38	0	0	0	0	10	55	0	0	0	0	
	point9	37	0	0	0	0	10	55	0	0	0	0	
	point10	8	0	0	0	0	10	55	0	0	0	0	
	point11	9											
Empty - From 10 FWY (on local street)	point11	10	0	0	0	0	10	30	0	0	0	0	
	point12	11	0	0	0	0	10	30	0	0	0	0	
	point13	40	0	0	0	0	10	30	0	0	0	0	
	point14	39	0	0	0	0	10	30	0	0	0	0	
	point15	12											
Loaded to 10 FWY - B (on local street)	point1	13	0	0	0	0	10	30	0	0	0	0	
	point2	14	0	0	0	0	10	30	0	0	0	0	
	point3	15											
Loaded to 10 FWY - B (on freeway)	point1	18	0	0	0	0	10	55	0	0	0	0	
	point2	19	0	0	0	0	10	55	0	0	0	0	
	point3	20	0	0	0	0	10	55	0	0	0	0	
	point4	21	0	0	0	0	10	55	0	0	0	0	

INPUT: TRAFFIC FOR LAeq1h Volumes

LA Convention & Farmers Field

	point5	24										

INPUT: ROADWAYS
LA Convention & Farmers Field

Matrix Environmental											
SKB											
INPUT: ROADWAYS				LA Convention & Farmers Field				Average pavement type shall be used unless			
PROJECT/CONTRACT:				LA Convention & Farmers Field				a State highway agency substantiates the use			
RUN:				Haul Trucks - FWY 10 Option A				of a different type with the approval of FHWA			
Roadway		Points									
Name	Width	Name	No.	Coordinates	(pavement)		Flow Control			Segment	
				X	Y	Z	Control	Speed	Percent	Pvmt	On
							Device	Constraint	Vehicles	Type	Struct?
									Affected		
	ft			ft	ft	ft		mph	%		
Empty - From 10 FWY (on freeway)	12.0	point1	1	1,661.5	-2,643.2	242.00				Average	
		point2	2	863.2	-2,088.2	242.00				Average	
		point3	3	523.0	-1,753.4	242.00				Average	
		point4	4	24.4	-1,395.1	240.00				Average	
		point5	5	-418.1	-1,037.9	245.00				Average	
		point6	6	-567.1	-917.7	250.00				Average	Y
		point7	7	-634.3	-755.5	255.00				Average	Y
		point8	38	-580.1	-469.1	260.00				Average	
		point9	37	-595.6	-320.9	255.00				Average	
		point10	8	-658.1	-178.6	250.00				Average	Y
		point11	9	-797.6	72.0	227.00					
Empty - From 10 FWY (on local street)	12.0	point11	10	-797.6	72.0	227.00	Stop	0.00	100	Average	
		point12	11	-813.4	173.5	225.00				Average	
		point13	40	-798.7	250.8	224.00				Average	
		point14	39	-574.7	665.8	226.00				Average	
		point15	12	-307.1	1,234.9	230.00					
Loaded to 10 FWY - B (on local street)	12.0	point1	13	316.6	177.1	232.00	Stop	0.00	100	Average	
		point2	14	913.9	-149.9	237.00				Average	
		point3	15	208.1	-1,465.3	225.00					
Loaded to 10 FWY - B (on freeway)	12.0	point1	18	31.6	-1,794.2	225.00				Average	
		point2	19	187.7	-1,818.2	226.00				Average	
		point3	20	628.2	-2,110.6	241.00				Average	
		point4	21	852.4	-2,220.3	242.00				Average	
		point5	24	1,612.0	-2,709.7	242.00					

RESULTS: SOUND LEVELS
LA Convention & Farmers Field

Matrix Environmental							7 January 2012						
SKB							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		LA Convention & Farmers Field											
RUN:		Haul Trucks - FWY 10 Option A											
BARRIER DESIGN:		INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name	No.	#DUs	Existing	No Barrier				With Barrier					
			LAeq1h	LAeq1h			Increase over existing	Type	Calculated	Noise Reduction			
				Calculated	Crit'n		Calculated	Crit'n		Calculated	Goal	Calculated	
								Sub'l Inc				minus	
												Goal	
			dBA	dBA	dBA		dB	dB		dBA	dB	dB	dB
R1	1	1	0.0	34.1	66		34.1	10	----	34.1	0.0	8	-8.0
R2	2	1	0.0	60.5	66		60.5	10	----	60.5	0.0	8	-8.0
R3	3	1	0.0	50.1	66		50.1	10	----	50.1	0.0	8	-8.0
R4	4	1	0.0	45.2	66		45.2	10	----	45.2	0.0	8	-8.0
R5	5	1	0.0	36.2	66		36.2	10	----	36.2	0.0	8	-8.0
R6b	6	1	0.0	35.5	66		35.5	10	----	35.5	0.0	8	-8.0
R7b	7	1	0.0	41.9	66		41.9	10	----	41.9	0.0	8	-8.0
R8	8	1	0.0	31.4	66		31.4	10	----	31.4	0.0	8	-8.0
R9	9	1	0.0	36.5	66		36.5	10	----	36.5	0.0	8	-8.0
R10	10	1	0.0	36.1	66		36.1	10	----	36.1	0.0	8	-8.0
R11	11	1	0.0	31.7	66		31.7	10	----	31.7	0.0	8	-8.0
R12	12	1	0.0	30.8	66		30.8	10	----	30.8	0.0	8	-8.0
R13	13	1	0.0	40.0	66		40.0	10	----	40.0	0.0	8	-8.0
R14	14	1	0.0	38.6	66		38.6	10	----	38.6	0.0	8	-8.0
R15	15	1	0.0	45.6	66		45.6	10	----	45.6	0.0	8	-8.0
R16	16	1	0.0	47.1	66		47.1	10	----	47.1	0.0	8	-8.0
R17	17	1	0.0	47.7	66		47.7	10	----	47.7	0.0	8	-8.0
R18	18	1	0.0	43.3	66		43.3	10	----	43.3	0.0	8	-8.0
R19	19	1	0.0	44.2	66		44.2	10	----	44.2	0.0	8	-8.0
R20	20	1	0.0	34.8	66		34.8	10	----	34.8	0.0	8	-8.0
R21	21	1	0.0	36.4	66		36.4	10	----	36.4	0.0	8	-8.0
R22	22	1	0.0	37.7	66		37.7	10	----	37.7	0.0	8	-8.0
R23	23	1	0.0	35.0	66		35.0	10	----	35.0	0.0	8	-8.0
R24	24	1	0.0	34.6	66		34.6	10	----	34.6	0.0	8	-8.0

RESULTS: SOUND LEVELS
LA Convention & Farmers Field

R25	25	1	0.0	32.9	66	32.9	10	----	32.9	0.0	8	-8.0
R26	26	1	0.0	52.7	66	52.7	10	----	52.7	0.0	8	-8.0
R1A-Nokia	28	1	0.0	41.0	66	41.0	10	----	41.0	0.0	8	-8.0
R1B-1stFlr	29	1	0.0	35.1	66	35.1	10	----	35.1	0.0	8	-8.0
R1B-27thFlr	30	1	0.0	40.9	66	40.9	10	----	40.9	0.0	8	-8.0
R1B-54thFlr	31	1	0.0	40.8	66	40.8	10	----	40.8	0.0	8	-8.0
R6	32	1	0.0	34.6	66	34.6	10	----	34.6	0.0	8	-8.0
R7	33	1	0.0	34.2	66	34.2	10	----	34.2	0.0	8	-8.0
R6c	34	1	0.0	33.9	66	33.9	10	----	33.9	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		33	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

INPUT: RECEIVERS
LA Convention & Farmers Field

Matrix Environmental SKB							7 January 2012 TNM 2.5					
INPUT: RECEIVERS												
PROJECT/CONTRACT:	LA Convention & Farmers Field											
RUN:	Haul Trucks - FWY 10 Option A											
Receiver												
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active	
			X	Y	Z	above	Existing	Impact Criteria		NR	in	
						Ground	L _{Aeq} 1h	L _{Aeq} 1h	Sub'l	Goal	Calc.	
			ft	ft	ft	ft	dBA	dBA	dB	dB		
R1	1	1	748.5	1,659.9	239.00	4.92	0.00	66	10.0	8.0	Y	
R2	2	1	608.3	-37.4	236.00	4.92	0.00	66	10.0	8.0	Y	
R3	3	1	446.1	-582.1	233.00	4.92	0.00	66	10.0	8.0	Y	
R4	4	1	-1,392.2	155.1	224.00	4.92	0.00	66	10.0	8.0	Y	
R5	5	1	-1,624.8	905.5	226.00	4.92	0.00	66	10.0	8.0	Y	
R6b	6	1	-914.1	1,249.1	230.00	4.92	0.00	66	10.0	8.0	Y	
R7b	7	1	-242.7	1,926.1	239.00	4.92	0.00	66	10.0	8.0	Y	
R8	8	1	-908.0	2,630.8	240.00	4.92	0.00	66	10.0	8.0	Y	
R9	9	1	-226.3	2,827.8	254.00	4.92	0.00	66	10.0	8.0	Y	
R10	10	1	1,817.0	1,719.0	249.00	4.92	0.00	66	10.0	8.0	Y	
R11	11	1	2,600.2	1,807.7	254.00	4.92	0.00	66	10.0	8.0	Y	
R12	12	1	2,385.1	1,248.8	249.00	4.92	0.00	66	10.0	8.0	Y	
R13	13	1	1,808.1	909.3	243.00	4.92	0.00	66	10.0	8.0	Y	
R14	14	1	1,884.2	-29.3	243.00	4.92	0.00	66	10.0	8.0	Y	
R15	15	1	937.7	-878.4	233.00	4.92	0.00	66	10.0	8.0	Y	
R16	16	1	1,115.2	-1,668.1	229.00	4.92	0.00	66	10.0	8.0	Y	
R17	17	1	173.5	-2,443.1	223.00	4.92	0.00	66	10.0	8.0	Y	
R18	18	1	-649.1	-1,276.6	224.00	4.92	0.00	66	10.0	8.0	Y	
R19	19	1	-885.2	-1,562.3	221.00	4.92	0.00	66	10.0	8.0	Y	
R20	20	1	-1,764.6	-1,931.7	216.00	4.92	0.00	66	10.0	8.0	Y	
R21	21	1	-2,062.2	-1,814.5	215.00	4.92	0.00	66	10.0	8.0	Y	
R22	22	1	-2,583.4	-466.0	216.00	4.92	0.00	66	10.0	8.0	Y	

INPUT: RECEIVERS**LA Convention & Farmers Field**

R23	23	1	-2,315.2	873.4	223.00	4.92	0.00	66	10.0	8.0	Y
R24	24	1	-1,895.9	1,436.7	226.00	4.92	0.00	66	10.0	8.0	Y
R25	25	1	-1,700.4	1,976.8	230.00	4.92	0.00	66	10.0	8.0	Y
R26	26	1	-822.4	-325.0	229.00	4.92	0.00	66	10.0	8.0	Y
R1A-Nokia	28	1	652.6	1,344.8	237.00	4.92	0.00	66	10.0	8.0	Y
R1B-1stFlr	29	1	771.7	1,645.4	239.00	15.00	0.00	66	10.0	8.0	Y
R1B-27thFlr	30	1	771.7	1,645.4	239.00	345.00	0.00	66	10.0	8.0	Y
R1B-54thFlr	31	1	771.7	1,645.4	239.00	690.00	0.00	66	10.0	8.0	Y
R6	32	1	-1,224.9	1,415.4	229.00	4.92	0.00	66	10.0	8.0	Y
R7	33	1	-547.7	2,082.0	238.00	4.92	0.00	66	10.0	8.0	Y
R6c	34	1	-632.9	1,742.2	234.00	4.92	0.00	66	10.0	8.0	Y

INPUT: BUILDING ROWS
LA Convention & Farmers Field

Matrix Environmental					14 September 2011 TNM 2.5	
SKB						
INPUT: BUILDING ROWS						
PROJECT/CONTRACT:	LA Convention & Farmers Field					
RUN:	Haul Trucks - FWY 10 Option A					
Building Row			Points			
Name	Average Height	Building Percent	No.	Coordinates (ground)		
				X	Y	Z
	ft	%		ft	ft	ft
11th & Figueroa	75.00	75	9	1,809.5	1,524.9	242.00
			10	1,603.5	1,264.5	242.00
			11	1,799.8	1,114.9	242.00
			12	2,017.5	1,394.7	242.00
			13	1,809.5	1,523.9	242.00
11th & Flower	75.00	75	14	1,826.9	890.8	243.00
			15	2,147.6	1,303.2	243.00
			16	2,362.5	1,140.3	243.00
			17	2,040.1	707.1	243.00
			18	1,826.9	889.8	243.00
12th & Flower	50.00	75	19	1,425.2	371.9	243.00
			20	1,749.0	805.5	243.00
			21	2,285.6	377.5	243.00
			22	1,961.9	-42.6	243.00
			23	1,425.2	370.9	243.00
Pico & Flower	25.00	75	24	1,356.9	303.3	240.00
			25	1,064.9	-113.2	240.00
			26	1,643.7	-499.9	240.00
			27	1,916.3	-116.8	240.00
			28	1,356.9	302.3	240.00
Venice & Flower	25.00	75	29	841.9	-415.7	230.00
			30	314.4	-1,520.4	230.00
			31	497.5	-1,625.0	230.00
			32	1,070.8	-533.3	230.00

INPUT: BUILDING ROWS**LA Convention & Farmers Field**

			33	841.9	-414.7	230.00
Hope & Flower	40.00	50	34	1,217.1	-609.9	230.00
			35	641.6	-1,721.3	230.00
			36	901.0	-1,923.9	230.00
			37	1,498.3	-742.9	230.00
			38	1,217.1	-608.9	230.00
17th & Grand	40.00	65	39	1,099.3	-1,796.3	230.00
			40	990.3	-1,992.4	230.00
			41	1,709.7	-2,504.5	230.00
			42	1,860.1	-2,286.6	230.00
			43	1,099.3	-1,795.3	230.00
18th & Grand	25.00	65	44	495.1	-2,178.2	224.00
			45	421.0	-2,306.8	224.00
			46	1,391.1	-2,899.5	224.00
			47	1,467.3	-2,773.1	224.00
			48	495.1	-2,177.2	224.00
Washington & Hope	25.00	75	49	283.0	-2,033.8	224.00
			50	45.4	-2,521.9	224.00
			51	-107.2	-2,454.3	224.00
			52	158.7	-1,974.9	224.00
			53	283.0	-2,032.8	224.00
18th & Figueora	25.00	75	54	-532.0	-1,334.9	224.00
			55	-703.0	-1,657.1	224.00
			56	-508.3	-1,758.3	224.00
			57	-336.0	-1,429.6	224.00
			58	-532.0	-1,333.9	224.00
Flower & Figueroa	25.00	50	59	247.7	-1,007.5	233.00
			60	643.7	-259.2	233.00
			61	764.0	-321.4	233.00
			62	361.7	-1,066.6	233.00
			63	249.7	-1,006.5	233.00

INPUT: BARRIERS

LA Convention & Farmers Field

Matrix Environmental SKB										14 September 2011 TNM 2.5									
INPUT: BARRIERS																			
PROJECT/CONTRACT:										LA Convention & Farmers Field									
RUN:										Haul Trucks - FWY 10 Option A									
Barrier										Points									
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	\$ per	\$ per	Top	Run:Rise	\$ per			X	Y	Z	at	Seg	Ht	Perturbs	On	Important
				Unit	Unit	Width		Unit						Point	Incre-	#Up	#Dn	Struct?	Reflec-
				Area	Vol.			Length							ment				tions?
		ft	ft	\$/sq ft	\$/cu yd	ft	ft:ft	\$/ft			ft	ft	ft	ft	ft				
110 Freeway Shoulder - southbound	W	0.00	99.99	0.00				0.00	point1	1	-393.0	1,851.5	240.00	0.00	0.00	0	0		
									point2	2	-479.5	1,699.7	249.00	0.00	0.00	0	0		
									point3	3	-632.9	1,522.0	255.00	0.00	0.00	0	0		
									point4	4	-875.9	1,171.3	250.00	0.00	0.00	0	0		
									point5	5	-1,151.1	667.9	250.00	0.00	0.00	0	0		
									point6	6	-1,231.6	450.7	245.00	0.00	0.00	0	0		
									point7	7	-1,272.8	158.0	240.00	0.00	0.00	0	0	Y	
									point8	8	-1,272.8	-177.5	240.00	0.00	0.00	0	0	Y	
									point9	9	-1,333.5	-828.9	242.00	0.00	0.00	0	0	Y	
									point10	10	-1,407.9	-1,624.2	242.00	0.00					
110 Freeway Shoulder - interchange	W	0.00	99.99	0.00				0.00	point1	11	-2,053.1	-1,115.5	227.00	0.00	0.00	0	0		
									point2	12	-1,855.3	-1,282.3	227.00	0.00	0.00	0	0		
									point3	13	-1,697.4	-1,427.2	229.00	0.00	0.00	0	0		
									point4	14	-1,531.3	-1,526.8	230.00	0.00	0.00	0	0		
									point5	15	-1,480.1	-1,622.9	233.00	0.00	0.00	0	0		
									point6	16	-1,455.8	-1,770.1	235.00	0.00	0.00	0	0		
									point7	17	-1,468.4	-2,038.1	242.00	0.00	0.00	0	0		
									point8	18	-1,515.8	-2,385.2	234.00	0.00	0.00	0	0		
									point9	19	-1,515.8	-2,719.7	218.00	0.00					
110 Freeway Shoulder - northbound	W	0.00	99.99	0.00				0.00	point1	20	-1,348.8	-2,708.1	214.00	0.00	0.00	0	0		
									point2	21	-1,277.0	-2,003.0	241.00	0.00	0.00	0	0		
									point3	22	-1,196.5	-1,605.8	243.00	0.00	0.00	0	0		
									point4	23	-1,034.1	-1,129.1	245.00	0.00	0.00	0	0		
									point5	24	-1,034.1	-1,027.1	245.00	0.00	0.00	0	0		
									point6	25	-1,045.9	-854.6	245.00	0.00	0.00	0	0		
									point7	26	-1,088.4	-720.3	245.00	0.00					
10 Freeway Shoulder - westbound	W	0.00	99.99	0.00				0.00	point1	27	1,679.7	-2,607.4	242.00	0.00	0.00	0	0		
									point2	28	877.6	-2,058.4	242.00	0.00	0.00	0	0		
									point3	29	537.6	-1,729.0	242.00	0.00	0.00	0	0		
									point4	30	43.3	-1,383.2	240.00	0.00	0.00	0	0		
									point5	31	-401.0	-1,030.1	240.00	0.00	0.00	0	0		
									point6	32	-544.1	-918.7	250.00	0.00	0.00	0	0		
									point7	33	-617.1	-752.6	255.00	0.00	0.00	0	0		
									point8	34	-559.7	-465.8	260.00	0.00	0.00	0	0		
									point9	35	-576.0	-318.9	255.00	0.00	0.00	0	0		

INPUT: BARRIERS
LA Convention & Farmers Field

									point10	36	-629.9	-186.9	250.00	0.00				
10 Freeway Shoulder - eastbound 1	W	0.00	99.99	0.00				0.00	point1	37	-1,007.7	-917.3	255.00	0.00	0.00	0	0	
									point2	38	-696.4	-1,027.1	250.00	0.00	0.00	0	0	
									point3	39	-195.0	-1,392.1	242.00	0.00	0.00	0	0	
									point4	40	396.3	-1,908.8	242.00	0.00	0.00	0	0	
									point5	41	786.5	-2,168.8	242.00	0.00				
10 Freeway Shoulder - eastbound 2	W	0.00	99.99	0.00				0.00	point1	42	533.2	-2,096.5	241.00	0.00	0.00	0	0	
									point2	43	827.8	-2,239.9	242.00	0.00	0.00	0	0	
									point3	44	1,601.4	-2,748.3	242.00	0.00				
LACC South Hall	W	0.00	99.99	0.00				0.00	point1	45	10.7	193.2	232.00	89.00	0.00	0	0	
									point2	46	-293.2	358.1	232.00	89.00	0.00	0	0	
									point3	47	-403.2	140.8	232.00	89.00	0.00	0	0	
									point4	48	-424.1	-136.7	232.00	89.00	0.00	0	0	
									point5	49	-322.0	-409.0	232.00	89.00	0.00	0	0	
									point6	50	-164.8	-571.3	232.00	89.00	0.00	0	0	
									point7	51	13.3	-678.6	232.00	89.00	0.00	0	0	
									point8	53	178.3	-377.5	232.00	89.00	0.00	0	0	
									point9	52	10.7	193.2	232.00	89.00				
Staples Center	W	0.00	120.00	0.00				0.00	point1	54	1,016.5	1,074.7	234.00	108.00	0.00	0	0	
									point2	55	802.8	1,170.6	234.00	108.00	0.00	0	0	
									point3	56	612.9	1,033.4	234.00	108.00	0.00	0	0	
									point4	57	636.8	800.5	234.00	108.00	0.00	0	0	
									point5	58	850.5	704.6	234.00	108.00	0.00	0	0	
									point6	59	1,040.3	841.7	234.00	108.00	0.00	0	0	
									point7	60	1,016.5	1,074.7	234.00	108.00				
LACC Concourse	W	0.00	99.99	0.00				0.00	point1	61	238.0	110.7	232.00	89.00	0.00	0	0	
									point2	62	84.3	191.2	232.00	89.00	0.00	0	0	
									point3	63	396.1	772.7	232.00	89.00	0.00	0	0	
									point4	64	466.2	522.2	232.00	89.00	0.00	0	0	
									point5	65	238.0	110.7	232.00	89.00				
10 Freeway Interchange to SB FWY 110	W	0.00	99.99	0.00				0.00	point1	66	-1,426.4	-576.3	223.00	0.00	0.00	0	0	
									point2	67	-1,618.1	-631.1	222.00	0.00	0.00	0	0	
									point3	68	-1,781.7	-786.3	221.00	0.00	0.00	0	0	
									point4	69	-1,875.3	-1,014.6	22.00	0.00	0.00	0	0	
									point5	70	-1,845.4	-1,243.5	227.00	0.00				
Nokia Theater	W	0.00	99.99	0.00				0.00	point1	71	717.4	1,553.2	234.00	70.00	0.00	0	0	
									point2	72	664.1	1,369.2	234.00	70.00	0.00	0	0	
									point3	73	948.3	1,288.8	234.00	70.00	0.00	0	0	
									point4	74	1,003.4	1,477.6	234.00	70.00	0.00	0	0	
									point5	75	717.4	1,553.2	234.00	70.00				
LA Live West Parking Structure	W	0.00	99.99	0.00				0.00	point1	76	288.6	1,846.5	234.00	25.00	0.00	0	0	
									point2	77	165.3	1,611.5	234.00	25.00	0.00	0	0	
									point3	78	478.5	1,442.0	234.00	25.00	0.00	0	0	
									point4	79	611.7	1,673.6	234.00	25.00	0.00	0	0	
									point5	80	288.6	1,846.5	234.00	25.00				
LA Live Structure	W	0.00	99.99	0.00				0.00	point1	81	1,251.9	1,708.5	240.00	84.00	0.00	0	0	
									point2	82	1,112.9	1,481.3	240.00	84.00	0.00	0	0	
									point3	83	1,553.8	1,451.9	240.00	84.00	0.00	0	0	
									point4	84	1,669.8	1,593.5	240.00	84.00	0.00	0	0	

INPUT: BARRIERS

LA Convention & Farmers Field

									point5	85	1,251.9	1,708.5	240.00	84.00					
Apt. Bldg. at Figueroa and Pico	W	0.00	99.99	0.00				0.00	point1	86	571.4	-29.3	233.00	60.00	0.00	0	0		
									point2	87	508.2	-147.2	233.00	60.00	0.00	0	0		
									point3	88	773.5	-296.7	233.00	60.00	0.00	0	0		
									point4	89	844.7	-168.5	233.00	60.00	0.00	0	0		
									point5	90	571.4	-29.3	233.00	60.00					

INPUT: TRAFFIC FOR LAeq1h Volumes
LA Convention & Farmers Field

Matrix Environmental													
SKB													
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:	LA Convention & Farmers Field												
RUN:	Haul Trucks - FWY 110 Option A												
Roadway	Points												
Name	Name	No.	Segment										
			Autos		MTrucks		HTrucks		Buses		Motorcycles		
			V	S	V	S	V	S	V	S	V	S	
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	
Empty - From 110 FWY (on freeway)	point1	1	0	0	0	0	10	55	0	0	0	0	
	point2	2	0	0	0	0	10	55	0	0	0	0	
	point3	3	0	0	0	0	10	55	0	0	0	0	
	point4	4	0	0	0	0	10	55	0	0	0	0	
	point5	5	0	0	0	0	10	55	0	0	0	0	
	point6	6	0	0	0	0	10	55	0	0	0	0	
	point7	7	0	0	0	0	10	55	0	0	0	0	
	point8	8	0	0	0	0	10	55	0	0	0	0	
	point9	9											
Empty - From 110 FWY (on local street)	point9	10	0	0	0	0	10	30	0	0	0	0	
	point10	11	0	0	0	0	10	30	0	0	0	0	
	point11	12											
Loaded - To 110 FWY - A (on local stree	point1	13	0	0	0	0	10	30	0	0	0	0	
	point2	14	0	0	0	0	10	30	0	0	0	0	
	point3	15	0	0	0	0	10	30	0	0	0	0	
	point4	16	0	0	0	0	10	30	0	0	0	0	
	point5	17											
Loaded - To 110 FWY - A (on freeway)	point5	18	0	0	0	0	10	55	0	0	0	0	
	point6	19	0	0	0	0	10	55	0	0	0	0	
	point7	20	0	0	0	0	10	55	0	0	0	0	
	point8	21	0	0	0	0	10	55	0	0	0	0	
	point9	22	0	0	0	0	10	55	0	0	0	0	
	point10	23	0	0	0	0	10	55	0	0	0	0	

INPUT: TRAFFIC FOR LAeq1h Volumes

LA Convention & Farmers Field

	point11	24	0	0	0	0	10	55	0	0	0	0
	point12	25	0	0	0	0	10	55	0	0	0	0
	point13	26	0	0	0	0	10	55	0	0	0	0
	point14	27	0	0	0	0	10	55	0	0	0	0
	point15	28	0	0	0	0	10	55	0	0	0	0
	point16	29	0	0	0	0	10	55	0	0	0	0
	point17	30										

INPUT: ROADWAYS
LA Convention & Farmers Field

Matrix Environmental					14 September 2011					
SKB					TNM 2.5					

INPUT: ROADWAYS
PROJECT/CONTRACT:
LA Convention & Farmers Field
RUN:
Haul Trucks - FWY 110 Option A

Average pavement type shall be used unless
a State highway agency substantiates the use
of a different type with the approval of FHWA

Roadway		Points								
Name	Width	Name	No.	Coordinates	(pavement)		Flow Control		Segment	
				X	Y	Z	Control	Speed	Percent	Pvmt
							Device	Constraint	Vehicles	Type
									Affected	On
	ft			ft	ft	ft		mph	%	Struct?
Empty - From 110 FWY (on freeway)	12.0	point1	1	-1,372.3	-2,705.5	214.00				Average
		point2	2	-1,303.0	-2,004.7	243.00				Average
		point3	3	-1,222.6	-1,592.3	245.00				Average
		point4	4	-1,062.0	-1,128.7	245.00				Average
		point5	5	-1,046.4	-1,023.6	245.00				Average
		point6	6	-1,067.7	-854.6	245.00				Average
		point7	7	-1,118.9	-672.1	245.00				Average
		point8	8	-1,099.4	-401.9	235.00				Average
		point9	9	-1,022.7	-164.2	224.00				
Empty - From 110 FWY (on local street)	12.0	point9	10	-1,022.7	-164.2	224.00	Stop	0.00	100	Average
		point10	11	-574.7	665.8	226.00				Average
		point11	12	-307.1	1,234.9	230.00				
Loaded - To 110 FWY - A (on local stree	12.0	point1	13	-307.1	1,234.9	230.00	Stop	0.00	100	Average
		point2	14	-63.0	1,681.3	234.00				Average
		point3	15	-222.6	1,861.6	237.00				Average
		point4	16	-371.6	1,965.9	239.00				Average
		point5	17	-371.6	1,846.7	240.00				
Loaded - To 110 FWY - A (on freeway)	12.0	point5	18	-371.6	1,846.7	240.00				Average
		point6	19	-447.7	1,711.1	249.00				Average
		point7	20	-608.7	1,508.4	255.00				Average
		point8	21	-859.9	1,164.6	250.00				Average
		point9	22	-1,129.9	672.9	250.00				Average
		point10	23	-1,216.8	436.1	245.00				Average
		point11	24	-1,249.1	159.9	240.00				Average
		point12	25	-1,249.1	-181.0	232.00				Average

INPUT: ROADWAYS

LA Convention & Farmers Field

		point13	26	-1,309.0	-805.3	242.00				Average	
		point14	27	-1,380.1	-1,569.5	242.00				Average	
		point15	28	-1,439.6	-2,018.7	242.00				Average	
		point16	29	-1,490.9	-2,418.1	234.00				Average	
		point17	30	-1,479.4	-2,703.8	218.00					

RESULTS: SOUND LEVELS
LA Convention & Farmers Field

Matrix Environmental SKB												
7 January 2012												
TNM 2.5												
Calculated with TNM 2.5												
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT: LA Convention & Farmers Field												
RUN: Haul Trucks - FWY 110 Option A												
BARRIER DESIGN: INPUT HEIGHTS												
Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.												
ATMOSPHERICS: 68 deg F, 50% RH												
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	With Barrier				
								Type Impact	Calculated LAeq1h	Noise Reduction		
										Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
R1	1	1	0.0	38.0	66	38.0	10	----	38.0	0.0	8	-8.0
R2	2	1	0.0	18.8	66	18.8	10	----	18.8	0.0	8	-8.0
R3	3	1	0.0	37.6	66	37.6	10	----	37.6	0.0	8	-8.0
R4	4	1	0.0	52.7	66	52.7	10	----	52.7	0.0	8	-8.0
R5	5	1	0.0	48.4	66	48.4	10	----	48.4	0.0	8	-8.0
R6b	6	1	0.0	54.8	66	54.8	10	----	54.8	0.0	8	-8.0
R7b	7	1	0.0	60.5	66	60.5	10	----	60.5	0.0	8	-8.0
R8	8	1	0.0	43.7	66	43.7	10	----	43.7	0.0	8	-8.0
R9	9	1	0.0	44.3	66	44.3	10	----	44.3	0.0	8	-8.0
R10	10	1	0.0	27.6	66	27.6	10	----	27.6	0.0	8	-8.0
R11	11	1	0.0	27.5	66	27.5	10	----	27.5	0.0	8	-8.0
R12	12	1	0.0	22.9	66	22.9	10	----	22.9	0.0	8	-8.0
R13	13	1	0.0	31.8	66	31.8	10	----	31.8	0.0	8	-8.0
R14	14	1	0.0	31.0	66	31.0	10	----	31.0	0.0	8	-8.0
R15	15	1	0.0	31.6	66	31.6	10	----	31.6	0.0	8	-8.0
R16	16	1	0.0	33.2	66	33.2	10	----	33.2	0.0	8	-8.0
R17	17	1	0.0	36.5	66	36.5	10	----	36.5	0.0	8	-8.0
R18	18	1	0.0	49.4	66	49.4	10	----	49.4	0.0	8	-8.0
R19	19	1	0.0	51.0	66	51.0	10	----	51.0	0.0	8	-8.0
R20	20	1	0.0	51.4	66	51.4	10	----	51.4	0.0	8	-8.0
R21	21	1	0.0	48.7	66	48.7	10	----	48.7	0.0	8	-8.0
R22	22	1	0.0	43.9	66	43.9	10	----	43.9	0.0	8	-8.0
R23	23	1	0.0	43.7	66	43.7	10	----	43.7	0.0	8	-8.0
R24	24	1	0.0	44.4	66	44.4	10	----	44.4	0.0	8	-8.0

RESULTS: SOUND LEVELS
LA Convention & Farmers Field

R25	25	1	0.0	43.4	66	43.4	10	----	43.4	0.0	8	-8.0
R26	26	1	0.0	55.5	66	55.5	10	----	55.5	0.0	8	-8.0
R1A-Nokia	28	1	0.0	46.1	66	46.1	10	----	46.1	0.0	8	-8.0
R1B-1stFlr	29	1	0.0	38.7	66	38.7	10	----	38.7	0.0	8	-8.0
R1B-27thFlr	30	1	0.0	44.7	66	44.7	10	----	44.7	0.0	8	-8.0
R1B-54thFlr	31	1	0.0	44.2	66	44.2	10	----	44.2	0.0	8	-8.0
R6	32	1	0.0	49.3	66	49.3	10	----	49.3	0.0	8	-8.0
R7	33	1	0.0	51.4	66	51.4	10	----	51.4	0.0	8	-8.0
R6c	34	1	0.0	53.1	66	53.1	10	----	53.1	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		33	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

INPUT: RECEIVERS
LA Convention & Farmers Field

Matrix Environmental SKB							7 January 2012 TNM 2.5					
INPUT: RECEIVERS												
PROJECT/CONTRACT:	LA Convention & Farmers Field											
RUN:	Haul Trucks - FWY 110 Option A											
Receiver												
Name	No.	#DUS	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active	
			X	Y	Z	above	Existing	Impact Criteria		NR	in	
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.	
			ft	ft	ft	ft	dBA	dBA	dB	dB		
R1	1	1	748.5	1,659.9	239.00	4.92	0.00	66	10.0	8.0	Y	
R2	2	1	608.3	-37.4	236.00	4.92	0.00	66	10.0	8.0	Y	
R3	3	1	446.1	-582.1	233.00	4.92	0.00	66	10.0	8.0	Y	
R4	4	1	-1,392.2	155.1	224.00	4.92	0.00	66	10.0	8.0	Y	
R5	5	1	-1,624.8	905.5	226.00	4.92	0.00	66	10.0	8.0	Y	
R6b	6	1	-914.1	1,249.1	230.00	4.92	0.00	66	10.0	8.0	Y	
R7b	7	1	-242.7	1,926.1	239.00	4.92	0.00	66	10.0	8.0	Y	
R8	8	1	-908.0	2,630.8	240.00	4.92	0.00	66	10.0	8.0	Y	
R9	9	1	-226.3	2,827.8	254.00	4.92	0.00	66	10.0	8.0	Y	
R10	10	1	1,817.0	1,719.0	249.00	4.92	0.00	66	10.0	8.0	Y	
R11	11	1	2,600.2	1,807.7	254.00	4.92	0.00	66	10.0	8.0	Y	
R12	12	1	2,385.1	1,248.8	249.00	4.92	0.00	66	10.0	8.0	Y	
R13	13	1	1,808.1	909.3	243.00	4.92	0.00	66	10.0	8.0	Y	
R14	14	1	1,884.2	-29.3	243.00	4.92	0.00	66	10.0	8.0	Y	
R15	15	1	937.7	-878.4	233.00	4.92	0.00	66	10.0	8.0	Y	
R16	16	1	1,115.2	-1,668.1	229.00	4.92	0.00	66	10.0	8.0	Y	
R17	17	1	173.5	-2,443.1	223.00	4.92	0.00	66	10.0	8.0	Y	
R18	18	1	-649.1	-1,276.6	224.00	4.92	0.00	66	10.0	8.0	Y	
R19	19	1	-885.2	-1,562.3	221.00	4.92	0.00	66	10.0	8.0	Y	
R20	20	1	-1,764.6	-1,931.7	216.00	4.92	0.00	66	10.0	8.0	Y	
R21	21	1	-2,062.2	-1,814.5	215.00	4.92	0.00	66	10.0	8.0	Y	
R22	22	1	-2,583.4	-466.0	216.00	4.92	0.00	66	10.0	8.0	Y	

INPUT: RECEIVERS**LA Convention & Farmers Field**

R23	23	1	-2,315.2	873.4	223.00	4.92	0.00	66	10.0	8.0	Y
R24	24	1	-1,895.9	1,436.7	226.00	4.92	0.00	66	10.0	8.0	Y
R25	25	1	-1,700.4	1,976.8	230.00	4.92	0.00	66	10.0	8.0	Y
R26	26	1	-822.4	-325.0	229.00	4.92	0.00	66	10.0	8.0	Y
R1A-Nokia	28	1	652.6	1,344.8	237.00	4.92	0.00	66	10.0	8.0	Y
R1B-1stFlr	29	1	771.7	1,645.4	239.00	15.00	0.00	66	10.0	8.0	Y
R1B-27thFlr	30	1	771.7	1,645.4	239.00	345.00	0.00	66	10.0	8.0	Y
R1B-54thFlr	31	1	771.7	1,645.4	239.00	690.00	0.00	66	10.0	8.0	Y
R6	32	1	-1,224.9	1,415.4	229.00	4.92	0.00	66	10.0	8.0	Y
R7	33	1	-547.7	2,082.0	238.00	4.92	0.00	66	10.0	8.0	Y
R6c	34	1	-632.9	1,742.2	234.00	4.92	0.00	66	10.0	8.0	Y

INPUT: BUILDING ROWS
LA Convention & Farmers Field

Matrix Environmental					14 September 2011	
SKB					TNM 2.5	
INPUT: BUILDING ROWS						
PROJECT/CONTRACT:	LA Convention & Farmers Field					
RUN:	Haul Trucks - FWY 110 Option					
Building Row			Points			
Name	Average Height	Building Percent	No.	Coordinates (ground)		
	ft	%		X	Y	Z
				ft	ft	ft
11th & Figueroa	75.00	75	9	1,809.5	1,524.9	242.00
			10	1,603.5	1,264.5	242.00
			11	1,799.8	1,114.9	242.00
			12	2,017.5	1,394.7	242.00
			13	1,809.5	1,523.9	242.00
11th & Flower	75.00	75	14	1,826.9	890.8	243.00
			15	2,147.6	1,303.2	243.00
			16	2,362.5	1,140.3	243.00
			17	2,040.1	707.1	243.00
			18	1,826.9	889.8	243.00
12th & Flower	50.00	75	19	1,425.2	371.9	243.00
			20	1,749.0	805.5	243.00
			21	2,285.6	377.5	243.00
			22	1,961.9	-42.6	243.00
			23	1,425.2	370.9	243.00
Pico & Flower	25.00	75	24	1,356.9	303.3	240.00
			25	1,064.9	-113.2	240.00
			26	1,643.7	-499.9	240.00
			27	1,916.3	-116.8	240.00
			28	1,356.9	302.3	240.00
Venice & Flower	25.00	75	29	841.9	-415.7	230.00
			30	314.4	-1,520.4	230.00
			31	497.5	-1,625.0	230.00
			32	1,070.8	-533.3	230.00

INPUT: BUILDING ROWS**LA Convention & Farmers Field**

			33	841.9	-414.7	230.00
Hope & Flower	40.00	50	34	1,217.1	-609.9	230.00
			35	641.6	-1,721.3	230.00
			36	901.0	-1,923.9	230.00
			37	1,498.3	-742.9	230.00
			38	1,217.1	-608.9	230.00
17th & Grand	40.00	65	39	1,099.3	-1,796.3	230.00
			40	990.3	-1,992.4	230.00
			41	1,709.7	-2,504.5	230.00
			42	1,860.1	-2,286.6	230.00
			43	1,099.3	-1,795.3	230.00
18th & Grand	25.00	65	44	495.1	-2,178.2	224.00
			45	421.0	-2,306.8	224.00
			46	1,391.1	-2,899.5	224.00
			47	1,467.3	-2,773.1	224.00
			48	495.1	-2,177.2	224.00
Washington & Hope	25.00	75	49	283.0	-2,033.8	224.00
			50	45.4	-2,521.9	224.00
			51	-107.2	-2,454.3	224.00
			52	158.7	-1,974.9	224.00
			53	283.0	-2,032.8	224.00
18th & Figueora	25.00	75	54	-532.0	-1,334.9	224.00
			55	-703.0	-1,657.1	224.00
			56	-508.3	-1,758.3	224.00
			57	-336.0	-1,429.6	224.00
			58	-532.0	-1,333.9	224.00
Flower & Figueroa	25.00	50	59	247.7	-1,007.5	233.00
			60	643.7	-259.2	233.00
			61	764.0	-321.4	233.00
			62	361.7	-1,066.6	233.00
			63	249.7	-1,006.5	233.00

INPUT: BARRIERS

LA Convention & Farmers Field

Matrix Environmental SKB										14 September 2011 TNM 2.5									
INPUT: BARRIERS																			
PROJECT/CONTRACT:										LA Convention & Farmers Field									
RUN:										Haul Trucks - FWY 110 Option A									
Barrier										Points									
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	\$ per	\$ per	Top	Run:Rise	\$ per			X	Y	Z	at	Seg	Ht	Perturbs	On	Important
				Unit	Unit	Width		Unit						Point	Incre-	#Up	#Dn	Struct?	Reflec-
				Area	Vol.			Length							ment				tions?
		ft	ft	\$/sq ft	\$/cu yd	ft	ft:ft	\$/ft			ft	ft	ft	ft	ft				
110 Freeway Shoulder - southbound	W	0.00	99.99	0.00				0.00	point1	1	-393.0	1,851.5	240.00	0.00	0.00	0	0		
									point2	2	-479.5	1,699.7	249.00	0.00	0.00	0	0		
									point3	3	-632.9	1,522.0	255.00	0.00	0.00	0	0		
									point4	4	-875.9	1,171.3	250.00	0.00	0.00	0	0		
									point5	5	-1,151.1	667.9	250.00	0.00	0.00	0	0		
									point6	6	-1,231.6	450.7	245.00	0.00	0.00	0	0		
									point7	7	-1,272.8	158.0	240.00	0.00	0.00	0	0		
									point8	8	-1,272.8	-177.5	240.00	0.00	0.00	0	0		
									point9	9	-1,333.5	-828.9	242.00	0.00	0.00	0	0		
									point10	10	-1,407.9	-1,624.2	242.00	0.00					
110 Freeway Shoulder - interchange	W	0.00	99.99	0.00				0.00	point1	11	-2,053.1	-1,115.5	227.00	0.00	0.00	0	0		
									point2	12	-1,855.3	-1,282.3	227.00	0.00	0.00	0	0		
									point3	13	-1,697.4	-1,427.2	229.00	0.00	0.00	0	0		
									point4	14	-1,531.3	-1,526.8	230.00	0.00	0.00	0	0		
									point5	15	-1,480.1	-1,622.9	233.00	0.00	0.00	0	0		
									point6	16	-1,455.8	-1,770.1	235.00	0.00	0.00	0	0		
									point7	17	-1,468.4	-2,038.1	242.00	0.00	0.00	0	0		
									point8	18	-1,515.8	-2,385.2	234.00	0.00	0.00	0	0		
									point9	19	-1,515.8	-2,719.7	218.00	0.00					
110 Freeway Shoulder - northbound	W	0.00	99.99	0.00				0.00	point1	20	-1,348.8	-2,708.1	214.00	0.00	0.00	0	0		
									point2	21	-1,277.0	-2,003.0	241.00	0.00	0.00	0	0		
									point3	22	-1,196.5	-1,605.8	243.00	0.00	0.00	0	0		
									point4	23	-1,034.1	-1,129.1	245.00	0.00	0.00	0	0		
									point5	24	-1,034.1	-1,027.1	245.00	0.00	0.00	0	0		
									point6	25	-1,045.9	-854.6	245.00	0.00	0.00	0	0		
									point7	26	-1,088.4	-720.3	245.00	0.00					
10 Freeway Shoulder - westbound	W	0.00	99.99	0.00				0.00	point1	27	1,679.7	-2,607.4	242.00	0.00	0.00	0	0		
									point2	28	877.6	-2,058.4	242.00	0.00	0.00	0	0		
									point3	29	537.6	-1,729.0	242.00	0.00	0.00	0	0		
									point4	30	43.3	-1,383.2	240.00	0.00	0.00	0	0		
									point5	31	-401.0	-1,030.1	240.00	0.00	0.00	0	0		
									point6	32	-544.1	-918.7	250.00	0.00	0.00	0	0		
									point7	33	-617.1	-752.6	255.00	0.00	0.00	0	0		
									point8	34	-559.7	-465.8	260.00	0.00	0.00	0	0		
									point9	35	-576.0	-318.9	255.00	0.00	0.00	0	0		

INPUT: BARRIERS
LA Convention & Farmers Field

									point10	36	-629.9	-186.9	250.00	0.00				
10 Freeway Shoulder - eastbound 1	W	0.00	99.99	0.00				0.00	point1	37	-1,007.7	-917.3	255.00	0.00	0.00	0	0	
									point2	38	-696.4	-1,027.1	250.00	0.00	0.00	0	0	
									point3	39	-195.0	-1,392.1	242.00	0.00	0.00	0	0	
									point4	40	396.3	-1,908.8	242.00	0.00	0.00	0	0	
									point5	41	786.5	-2,168.8	242.00	0.00				
10 Freeway Shoulder - eastbound 2	W	0.00	99.99	0.00				0.00	point1	42	533.2	-2,096.5	241.00	0.00	0.00	0	0	
									point2	43	827.8	-2,239.9	242.00	0.00	0.00	0	0	
									point3	44	1,601.4	-2,748.3	242.00	0.00				
LACC South Hall	W	0.00	99.99	0.00				0.00	point1	45	10.7	193.2	232.00	89.00	0.00	0	0	
									point2	46	-293.2	358.1	232.00	89.00	0.00	0	0	
									point3	47	-403.2	140.8	232.00	89.00	0.00	0	0	
									point4	48	-424.1	-136.7	232.00	89.00	0.00	0	0	
									point5	49	-322.0	-409.0	232.00	89.00	0.00	0	0	
									point6	50	-164.8	-571.3	232.00	89.00	0.00	0	0	
									point7	51	13.3	-678.6	232.00	89.00	0.00	0	0	
									point8	53	178.3	-377.5	232.00	89.00	0.00	0	0	
									point9	52	10.7	193.2	232.00	89.00				
Staples Center	W	0.00	120.00	0.00				0.00	point1	54	1,016.5	1,074.7	234.00	108.00	0.00	0	0	
									point2	55	802.8	1,170.6	234.00	108.00	0.00	0	0	
									point3	56	612.9	1,033.4	234.00	108.00	0.00	0	0	
									point4	57	636.8	800.5	234.00	108.00	0.00	0	0	
									point5	58	850.5	704.6	234.00	108.00	0.00	0	0	
									point6	59	1,040.3	841.7	234.00	108.00	0.00	0	0	
									point7	60	1,016.5	1,074.7	234.00	108.00				
LACC Concourse	W	0.00	99.99	0.00				0.00	point1	61	238.0	110.7	232.00	89.00	0.00	0	0	
									point2	62	84.3	191.2	232.00	89.00	0.00	0	0	
									point3	63	396.1	772.7	232.00	89.00	0.00	0	0	
									point4	64	466.2	522.2	232.00	89.00	0.00	0	0	
									point5	65	238.0	110.7	232.00	89.00				
10 Freeway Interchange to SB FWY 110	W	0.00	99.99	0.00				0.00	point1	66	-1,426.4	-576.3	223.00	0.00	0.00	0	0	
									point2	67	-1,618.1	-631.1	222.00	0.00	0.00	0	0	
									point3	68	-1,781.7	-786.3	221.00	0.00	0.00	0	0	
									point4	69	-1,875.3	-1,014.6	22.00	0.00	0.00	0	0	
									point5	70	-1,845.4	-1,243.5	227.00	0.00				
Nokia Theater	W	0.00	99.99	0.00				0.00	point1	71	717.4	1,553.2	234.00	70.00	0.00	0	0	
									point2	72	664.1	1,369.2	234.00	70.00	0.00	0	0	
									point3	73	948.3	1,288.8	234.00	70.00	0.00	0	0	
									point4	74	1,003.4	1,477.6	234.00	70.00	0.00	0	0	
									point5	75	717.4	1,553.2	234.00	70.00				
LA Live West Parking Structure	W	0.00	99.99	0.00				0.00	point1	76	288.6	1,846.5	234.00	25.00	0.00	0	0	
									point2	77	165.3	1,611.5	234.00	25.00	0.00	0	0	
									point3	78	478.5	1,442.0	234.00	25.00	0.00	0	0	
									point4	79	611.7	1,673.6	234.00	25.00	0.00	0	0	
									point5	80	288.6	1,846.5	234.00	25.00				
LA Live Structure	W	0.00	99.99	0.00				0.00	point1	81	1,251.9	1,708.5	240.00	84.00	0.00	0	0	
									point2	82	1,112.9	1,481.3	240.00	84.00	0.00	0	0	
									point3	83	1,553.8	1,451.9	240.00	84.00	0.00	0	0	
									point4	84	1,669.8	1,593.5	240.00	84.00	0.00	0	0	

INPUT: BARRIERS

LA Convention & Farmers Field

									point5	85	1,251.9	1,708.5	240.00	84.00					
Apt. Bldg. at Figueroa and Pico	W	0.00	99.99	0.00				0.00	point1	86	571.4	-29.3	233.00	60.00	0.00	0	0		
									point2	87	508.2	-147.2	233.00	60.00	0.00	0	0		
									point3	88	773.5	-296.7	233.00	60.00	0.00	0	0		
									point4	89	844.7	-168.5	233.00	60.00	0.00	0	0		
									point5	90	571.4	-29.3	233.00	60.00					

INPUT: TRAFFIC FOR LAeq1h Volumes
LA Convention & Farmers Field

Matrix Environmental													
SKB													
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:	LA Convention & Farmers Field												
RUN:	Haul Trucks - FWY 110 Option B												
Roadway	Points												
Name	Name	No.	Segment										
			Autos		MTrucks		HTrucks		Buses		Motorcycles		
			V	S	V	S	V	S	V	S	V	S	
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	
Empty - From 110 FWY (on freeway)	point1	1	0	0	0	0	10	55	0	0	0	0	
	point2	2	0	0	0	0	10	55	0	0	0	0	
	point3	3	0	0	0	0	10	55	0	0	0	0	
	point4	4	0	0	0	0	10	55	0	0	0	0	
	point5	5	0	0	0	0	10	55	0	0	0	0	
	point6	6	0	0	0	0	10	55	0	0	0	0	
	point7	7	0	0	0	0	10	55	0	0	0	0	
	point8	8	0	0	0	0	10	55	0	0	0	0	
	point9	9											
Empty - From 110 FWY (on local street)	point9	10	0	0	0	0	10	30	0	0	0	0	
	point10	11	0	0	0	0	10	30	0	0	0	0	
	point11	12											
Loaded to 110 FWY - A (on local street)	point1	13	0	0	0	0	10	30	0	0	0	0	
	point2	14	0	0	0	0	10	30	0	0	0	0	
	point3	15	0	0	0	0	10	30	0	0	0	0	
	point4	16	0	0	0	0	10	30	0	0	0	0	
	point5	31	0	0	0	0	10	30	0	0	0	0	
	point6	17											
Loaded - To 110 FWY - A (on freeway)	point7	18	0	0	0	0	10	55	0	0	0	0	
	point8	19	0	0	0	0	10	55	0	0	0	0	
	point9	20	0	0	0	0	10	55	0	0	0	0	
	point10	21	0	0	0	0	10	55	0	0	0	0	
	point11	22	0	0	0	0	10	55	0	0	0	0	

INPUT: TRAFFIC FOR LAeq1h Volumes**LA Convention & Farmers Field**

	point12	23	0	0	0	0	10	55	0	0	0	0
	point13	24	0	0	0	0	10	55	0	0	0	0
	point14	25	0	0	0	0	10	55	0	0	0	0
	point15	26	0	0	0	0	10	55	0	0	0	0
	point16	27	0	0	0	0	10	55	0	0	0	0
	point17	28	0	0	0	0	10	55	0	0	0	0
	point18	29	0	0	0	0	10	55	0	0	0	0
	point19	36	0	0	0	0	10	55	0	0	0	0
	point20	35	0	0	0	0	10	55	0	0	0	0
	point21	34	0	0	0	0	10	55	0	0	0	0
	point22	33	0	0	0	0	10	55	0	0	0	0
	point23	32	0	0	0	0	10	55	0	0	0	0
	point24	30										

INPUT: ROADWAYS
LA Convention & Farmers Field

Matrix Environmental					14 September 2011					
SKB					TNM 2.5					

INPUT: ROADWAYS
PROJECT/CONTRACT:
LA Convention & Farmers Field
RUN:
Haul Trucks - FWY 110 Option B

Average pavement type shall be used unless
a State highway agency substantiates the use
of a different type with the approval of FHWA

Roadway		Points									
Name	Width	Name	No.	Coordinates	(pavement)		Flow Control			Segment	
				X	Y	Z	Control	Speed	Percent	Pvmt	On
							Device	Constraint	Vehicles	Type	Struct?
									Affected		
	ft			ft	ft	ft		mph	%		
Empty - From 110 FWY (on freeway)	12.0	point1	1	-1,372.3	-2,705.5	214.00				Average	
		point2	2	-1,303.0	-2,004.7	243.00				Average	
		point3	3	-1,222.6	-1,592.3	245.00				Average	
		point4	4	-1,062.0	-1,128.7	245.00				Average	
		point5	5	-1,046.4	-1,023.6	245.00				Average	
		point6	6	-1,067.7	-854.6	245.00				Average	Y
		point7	7	-1,118.9	-672.1	245.00				Average	Y
		point8	8	-1,099.4	-401.9	235.00				Average	Y
		point9	9	-1,022.7	-164.2	224.00					
Empty - From 110 FWY (on local street)	12.0	point9	10	-1,022.7	-164.2	224.00	Stop	0.00	100	Average	
		point10	11	-574.7	665.8	226.00				Average	
		point11	12	-307.1	1,234.9	230.00					
Loaded to 110 FWY - A (on local street)	12.0	point1	13	316.6	177.1	232.00	Stop	0.00	100	Average	
		point2	14	913.9	-149.9	237.00				Average	
		point3	15	1,667.8	-576.5	240.00				Average	
		point4	16	1,070.4	-1,713.9	229.00				Average	
		point5	31	924.6	-1,991.2	228.00				Average	
		point6	17	810.8	-1,937.9	228.00					
Loaded - To 110 FWY - A (on freeway)	12.0	point7	18	622.4	-1,888.1	233.00				Average	
		point8	19	369.3	-1,711.5	237.00				Average	
		point9	20	24.4	-1,395.1	240.00				Average	
		point10	21	-434.3	-1,061.0	240.00				Average	
		point11	22	-949.9	-762.4	225.00				Average	
		point12	23	-1,248.6	-623.8	224.00				Average	
		point13	24	-1,425.9	-595.4	223.00				Average	

INPUT: ROADWAYS**LA Convention & Farmers Field**

		point14	25	-1,606.3	-652.6	222.00				Average	
		point15	26	-1,763.3	-803.4	221.00				Average	
		point16	27	-1,837.2	-1,020.4	222.00				Average	
		point17	28	-1,817.2	-1,228.2	227.00				Average	
		point18	29	-1,687.9	-1,403.7	229.00				Average	
		point19	36	-1,515.4	-1,508.3	230.00				Average	
		point20	35	-1,456.9	-1,622.2	233.00				Average	
		point21	34	-1,435.4	-1,772.4	235.00				Average	
		point22	33	-1,439.6	-2,018.7	242.00				Average	
		point23	32	-1,490.9	-2,418.1	234.00				Average	
		point24	30	-1,479.4	-2,703.8	218.00					

RESULTS: SOUND LEVELS
LA Convention & Farmers Field

Matrix Environmental								7 January 2012					
SKB								TNM 2.5					
								Calculated with TNM 2.5					
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		LA Convention & Farmers Field											
RUN:		Haul Trucks - FWY 110 Option B											
BARRIER DESIGN:		INPUT HEIGHTS							Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name	No.	#DUs	Existing	No Barrier				With Barrier					
			LAeq1h	LAeq1h		Increase over	existing	Type Impact	Calculated LAeq1h	Noise Reduction			
				Calculated	Crit'n	Calculated	Crit'n			Calculated	Calculated	Goal	Calculated minus Goal
							Sub'l Inc						
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB	
R1	1	1	0.0	36.5	66	36.5	10	----	36.5	0.0	8	-8.0	
R2	2	1	0.0	60.6	66	60.6	10	----	60.6	0.0	8	-8.0	
R3	3	1	0.0	46.3	66	46.3	10	----	46.3	0.0	8	-8.0	
R4	4	1	0.0	50.0	66	50.0	10	----	50.0	0.0	8	-8.0	
R5	5	1	0.0	41.3	66	41.3	10	----	41.3	0.0	8	-8.0	
R6b	6	1	0.0	36.1	66	36.1	10	----	36.1	0.0	8	-8.0	
R7b	7	1	0.0	41.8	66	41.8	10	----	41.8	0.0	8	-8.0	
R8	8	1	0.0	34.1	66	34.1	10	----	34.1	0.0	8	-8.0	
R9	9	1	0.0	36.3	66	36.3	10	----	36.3	0.0	8	-8.0	
R10	10	1	0.0	34.1	66	34.1	10	----	34.1	0.0	8	-8.0	
R11	11	1	0.0	31.3	66	31.3	10	----	31.3	0.0	8	-8.0	
R12	12	1	0.0	30.8	66	30.8	10	----	30.8	0.0	8	-8.0	
R13	13	1	0.0	39.2	66	39.2	10	----	39.2	0.0	8	-8.0	
R14	14	1	0.0	41.7	66	41.7	10	----	41.7	0.0	8	-8.0	
R15	15	1	0.0	45.2	66	45.2	10	----	45.2	0.0	8	-8.0	
R16	16	1	0.0	59.9	66	59.9	10	----	59.9	0.0	8	-8.0	
R17	17	1	0.0	41.4	66	41.4	10	----	41.4	0.0	8	-8.0	
R18	18	1	0.0	49.2	66	49.2	10	----	49.2	0.0	8	-8.0	
R19	19	1	0.0	50.8	66	50.8	10	----	50.8	0.0	8	-8.0	
R20	20	1	0.0	52.1	66	52.1	10	----	52.1	0.0	8	-8.0	
R21	21	1	0.0	49.6	66	49.6	10	----	49.6	0.0	8	-8.0	
R22	22	1	0.0	45.0	66	45.0	10	----	45.0	0.0	8	-8.0	
R23	23	1	0.0	40.7	66	40.7	10	----	40.7	0.0	8	-8.0	
R24	24	1	0.0	38.3	66	38.3	10	----	38.3	0.0	8	-8.0	

RESULTS: SOUND LEVELS
LA Convention & Farmers Field

R25	25	1	0.0	36.5	66	36.5	10	----	36.5	0.0	8	-8.0
R26	26	1	0.0	54.5	66	54.5	10	----	54.5	0.0	8	-8.0
R1A-Nokia	28	1	0.0	40.5	66	40.5	10	----	40.5	0.0	8	-8.0
R1B-1stFlr	29	1	0.0	37.1	66	37.1	10	----	37.1	0.0	8	-8.0
R1B-27thFlr	30	1	0.0	41.3	66	41.3	10	----	41.3	0.0	8	-8.0
R1B-54thFlr	31	1	0.0	41.1	66	41.1	10	----	41.1	0.0	8	-8.0
R6	32	1	0.0	37.9	66	37.9	10	----	37.9	0.0	8	-8.0
R7	33	1	0.0	34.4	66	34.4	10	----	34.4	0.0	8	-8.0
R6c	34	1	0.0	34.1	66	34.1	10	----	34.1	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		33	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

INPUT: RECEIVERS
LA Convention & Farmers Field

Matrix Environmental SKB							7 January 2012 TNM 2.5					
INPUT: RECEIVERS												
PROJECT/CONTRACT:	LA Convention & Farmers Field											
RUN:	Haul Trucks - FWY 110 Option B											
Receiver												
Name	No.	#DUS	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active	
			X	Y	Z	above	Existing	Impact Criteria		NR	in	
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.	
			ft	ft	ft	ft	dBA	dBA	dB	dB		
R1	1	1	748.5	1,659.9	239.00	4.92	0.00	66	10.0	8.0	Y	
R2	2	1	608.3	-37.4	236.00	4.92	0.00	66	10.0	8.0	Y	
R3	3	1	446.1	-582.1	233.00	4.92	0.00	66	10.0	8.0	Y	
R4	4	1	-1,392.2	155.1	224.00	4.92	0.00	66	10.0	8.0	Y	
R5	5	1	-1,624.8	905.5	226.00	4.92	0.00	66	10.0	8.0	Y	
R6b	6	1	-914.1	1,249.1	230.00	4.92	0.00	66	10.0	8.0	Y	
R7b	7	1	-242.7	1,926.1	239.00	4.92	0.00	66	10.0	8.0	Y	
R8	8	1	-908.0	2,630.8	240.00	4.92	0.00	66	10.0	8.0	Y	
R9	9	1	-226.3	2,827.8	254.00	4.92	0.00	66	10.0	8.0	Y	
R10	10	1	1,817.0	1,719.0	249.00	4.92	0.00	66	10.0	8.0	Y	
R11	11	1	2,600.2	1,807.7	254.00	4.92	0.00	66	10.0	8.0	Y	
R12	12	1	2,385.1	1,248.8	249.00	4.92	0.00	66	10.0	8.0	Y	
R13	13	1	1,808.1	909.3	243.00	4.92	0.00	66	10.0	8.0	Y	
R14	14	1	1,884.2	-29.3	243.00	4.92	0.00	66	10.0	8.0	Y	
R15	15	1	937.7	-878.4	233.00	4.92	0.00	66	10.0	8.0	Y	
R16	16	1	1,115.2	-1,668.1	229.00	4.92	0.00	66	10.0	8.0	Y	
R17	17	1	173.5	-2,443.1	223.00	4.92	0.00	66	10.0	8.0	Y	
R18	18	1	-649.1	-1,276.6	224.00	4.92	0.00	66	10.0	8.0	Y	
R19	19	1	-885.2	-1,562.3	221.00	4.92	0.00	66	10.0	8.0	Y	
R20	20	1	-1,764.6	-1,931.7	216.00	4.92	0.00	66	10.0	8.0	Y	
R21	21	1	-2,062.2	-1,814.5	215.00	4.92	0.00	66	10.0	8.0	Y	
R22	22	1	-2,583.4	-466.0	216.00	4.92	0.00	66	10.0	8.0	Y	

INPUT: RECEIVERS**LA Convention & Farmers Field**

R23	23	1	-2,315.2	873.4	223.00	4.92	0.00	66	10.0	8.0	Y
R24	24	1	-1,895.9	1,436.7	226.00	4.92	0.00	66	10.0	8.0	Y
R25	25	1	-1,700.4	1,976.8	230.00	4.92	0.00	66	10.0	8.0	Y
R26	26	1	-822.4	-325.0	229.00	4.92	0.00	66	10.0	8.0	Y
R1A-Nokia	28	1	652.6	1,344.8	237.00	4.92	0.00	66	10.0	8.0	Y
R1B-1stFlr	29	1	771.7	1,645.4	239.00	15.00	0.00	66	10.0	8.0	Y
R1B-27thFlr	30	1	771.7	1,645.4	239.00	345.00	0.00	66	10.0	8.0	Y
R1B-54thFlr	31	1	771.7	1,645.4	239.00	690.00	0.00	66	10.0	8.0	Y
R6	32	1	-1,224.9	1,415.4	229.00	4.92	0.00	66	10.0	8.0	Y
R7	33	1	-547.7	2,082.0	238.00	4.92	0.00	66	10.0	8.0	Y
R6c	34	1	-632.9	1,742.2	234.00	4.92	0.00	66	10.0	8.0	Y

INPUT: BUILDING ROWS
LA Convention & Farmers Field

Matrix Environmental					14 September 2011	
SKB					TNM 2.5	
INPUT: BUILDING ROWS						
PROJECT/CONTRACT:	LA Convention & Farmers Field					
RUN:	Haul Trucks - FWY 110 Option					
Building Row			Points			
Name	Average Height	Building Percent	No.	Coordinates (ground)		
				X	Y	Z
	ft	%		ft	ft	ft
11th & Figueroa	75.00	75	9	1,809.5	1,524.9	242.00
			10	1,603.5	1,264.5	242.00
			11	1,799.8	1,114.9	242.00
			12	2,017.5	1,394.7	242.00
			13	1,809.5	1,523.9	242.00
11th & Flower	75.00	75	14	1,826.9	890.8	243.00
			15	2,147.6	1,303.2	243.00
			16	2,362.5	1,140.3	243.00
			17	2,040.1	707.1	243.00
			18	1,826.9	889.8	243.00
12th & Flower	50.00	75	19	1,425.2	371.9	243.00
			20	1,749.0	805.5	243.00
			21	2,285.6	377.5	243.00
			22	1,961.9	-42.6	243.00
			23	1,425.2	370.9	243.00
Pico & Flower	25.00	75	24	1,356.9	303.3	240.00
			25	1,064.9	-113.2	240.00
			26	1,643.7	-499.9	240.00
			27	1,916.3	-116.8	240.00
			28	1,356.9	302.3	240.00
Venice & Flower	25.00	75	29	841.9	-415.7	230.00
			30	314.4	-1,520.4	230.00
			31	497.5	-1,625.0	230.00
			32	1,070.8	-533.3	230.00

INPUT: BUILDING ROWS
LA Convention & Farmers Field

			33	841.9	-414.7	230.00
Hope & Flower	40.00	50	34	1,217.1	-609.9	230.00
			35	641.6	-1,721.3	230.00
			36	901.0	-1,923.9	230.00
			37	1,498.3	-742.9	230.00
			38	1,217.1	-608.9	230.00
17th & Grand	40.00	65	39	1,099.3	-1,796.3	230.00
			40	990.3	-1,992.4	230.00
			41	1,709.7	-2,504.5	230.00
			42	1,860.1	-2,286.6	230.00
			43	1,099.3	-1,795.3	230.00
18th & Grand	25.00	65	44	495.1	-2,178.2	224.00
			45	421.0	-2,306.8	224.00
			46	1,391.1	-2,899.5	224.00
			47	1,467.3	-2,773.1	224.00
			48	495.1	-2,177.2	224.00
Washington & Hope	25.00	75	49	283.0	-2,033.8	224.00
			50	45.4	-2,521.9	224.00
			51	-107.2	-2,454.3	224.00
			52	158.7	-1,974.9	224.00
			53	283.0	-2,032.8	224.00
18th & Figueora	25.00	75	54	-532.0	-1,334.9	224.00
			55	-703.0	-1,657.1	224.00
			56	-508.3	-1,758.3	224.00
			57	-336.0	-1,429.6	224.00
			58	-532.0	-1,333.9	224.00
Flower & Figueroa	25.00	50	59	247.7	-1,007.5	233.00
			60	643.7	-259.2	233.00
			61	764.0	-321.4	233.00
			62	361.7	-1,066.6	233.00
			63	249.7	-1,006.5	233.00

INPUT: BARRIERS

LA Convention & Farmers Field

Matrix Environmental SKB										14 September 2011 TNM 2.5									
INPUT: BARRIERS																			
PROJECT/CONTRACT:										LA Convention & Farmers Field									
RUN:										Haul Trucks - FWY 110 Option B									
Barrier										Points									
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	\$ per	\$ per	Top	Run:Rise	\$ per			X	Y	Z	at	Seg	Ht	Perturbs	On	Important
				Unit	Unit	Width		Unit						Point	Incre-	#Up	#Dn	Struct?	Reflec-
				Area	Vol.			Length							ment				tions?
		ft	ft	\$/sq ft	\$/cu yd	ft	ft:ft	\$/ft			ft	ft	ft	ft	ft				
110 Freeway Shoulder - southbound	W	0.00	99.99	0.00				0.00	point1	1	-393.0	1,851.5	240.00	0.00	0.00	0	0		
									point2	2	-479.5	1,699.7	249.00	0.00	0.00	0	0		
									point3	3	-632.9	1,522.0	255.00	0.00	0.00	0	0		
									point4	4	-875.9	1,171.3	250.00	0.00	0.00	0	0		
									point5	5	-1,151.1	667.9	250.00	0.00	0.00	0	0		
									point6	6	-1,231.6	450.7	245.00	0.00	0.00	0	0		
									point7	7	-1,272.8	158.0	240.00	0.00	0.00	0	0	Y	
									point8	8	-1,272.8	-177.5	240.00	0.00	0.00	0	0	Y	
									point9	9	-1,333.5	-828.9	242.00	0.00	0.00	0	0	Y	
									point10	10	-1,407.9	-1,624.2	242.00	0.00					
110 Freeway Shoulder - interchange	W	0.00	99.99	0.00				0.00	point1	11	-2,053.1	-1,115.5	227.00	0.00	0.00	0	0		
									point2	12	-1,855.3	-1,282.3	227.00	0.00	0.00	0	0		
									point3	13	-1,697.4	-1,427.2	229.00	0.00	0.00	0	0		
									point4	14	-1,531.3	-1,526.8	230.00	0.00	0.00	0	0		
									point5	15	-1,480.1	-1,622.9	233.00	0.00	0.00	0	0		
									point6	16	-1,455.8	-1,770.1	235.00	0.00	0.00	0	0		
									point7	17	-1,468.4	-2,038.1	242.00	0.00	0.00	0	0		
									point8	18	-1,515.8	-2,385.2	234.00	0.00	0.00	0	0		
									point9	19	-1,515.8	-2,719.7	218.00	0.00					
110 Freeway Shoulder - northbound	W	0.00	99.99	0.00				0.00	point1	20	-1,348.8	-2,708.1	214.00	0.00	0.00	0	0		
									point2	21	-1,277.0	-2,003.0	241.00	0.00	0.00	0	0		
									point3	22	-1,196.5	-1,605.8	243.00	0.00	0.00	0	0		
									point4	23	-1,034.1	-1,129.1	245.00	0.00	0.00	0	0		
									point5	24	-1,034.1	-1,027.1	245.00	0.00	0.00	0	0		
									point6	25	-1,045.9	-854.6	245.00	0.00	0.00	0	0		
									point7	26	-1,088.4	-720.3	245.00	0.00					
10 Freeway Shoulder - westbound	W	0.00	99.99	0.00				0.00	point1	27	1,679.7	-2,607.4	242.00	0.00	0.00	0	0		
									point2	28	877.6	-2,058.4	242.00	0.00	0.00	0	0		
									point3	29	537.6	-1,729.0	242.00	0.00	0.00	0	0		
									point4	30	43.3	-1,383.2	240.00	0.00	0.00	0	0		
									point5	31	-401.0	-1,030.1	240.00	0.00	0.00	0	0		
									point6	32	-544.1	-918.7	250.00	0.00	0.00	0	0		
									point7	33	-617.1	-752.6	255.00	0.00	0.00	0	0		
									point8	34	-559.7	-465.8	260.00	0.00	0.00	0	0		
									point9	35	-576.0	-318.9	255.00	0.00	0.00	0	0		

INPUT: BARRIERS
LA Convention & Farmers Field

									point10	36	-629.9	-186.9	250.00	0.00				
10 Freeway Shoulder - eastbound 1	W	0.00	99.99	0.00				0.00	point1	37	-1,007.7	-917.3	255.00	0.00	0.00	0	0	
									point2	38	-696.4	-1,027.1	250.00	0.00	0.00	0	0	
									point3	39	-195.0	-1,392.1	242.00	0.00	0.00	0	0	
									point4	40	396.3	-1,908.8	242.00	0.00	0.00	0	0	
									point5	41	786.5	-2,168.8	242.00	0.00				
10 Freeway Shoulder - eastbound 2	W	0.00	99.99	0.00				0.00	point1	42	533.2	-2,096.5	241.00	0.00	0.00	0	0	
									point2	43	827.8	-2,239.9	242.00	0.00	0.00	0	0	
									point3	44	1,601.4	-2,748.3	242.00	0.00				
LACC South Hall	W	0.00	99.99	0.00				0.00	point1	45	10.7	193.2	232.00	89.00	0.00	0	0	
									point2	46	-293.2	358.1	232.00	89.00	0.00	0	0	
									point3	47	-403.2	140.8	232.00	89.00	0.00	0	0	
									point4	48	-424.1	-136.7	232.00	89.00	0.00	0	0	
									point5	49	-322.0	-409.0	232.00	89.00	0.00	0	0	
									point6	50	-164.8	-571.3	232.00	89.00	0.00	0	0	
									point7	51	13.3	-678.6	232.00	89.00	0.00	0	0	
									point8	53	178.3	-377.5	232.00	89.00	0.00	0	0	
									point9	52	10.7	193.2	232.00	89.00				
Staples Center	W	0.00	120.00	0.00				0.00	point1	54	1,016.5	1,074.7	234.00	108.00	0.00	0	0	
									point2	55	802.8	1,170.6	234.00	108.00	0.00	0	0	
									point3	56	612.9	1,033.4	234.00	108.00	0.00	0	0	
									point4	57	636.8	800.5	234.00	108.00	0.00	0	0	
									point5	58	850.5	704.6	234.00	108.00	0.00	0	0	
									point6	59	1,040.3	841.7	234.00	108.00	0.00	0	0	
									point7	60	1,016.5	1,074.7	234.00	108.00				
LACC Concourse	W	0.00	99.99	0.00				0.00	point1	61	238.0	110.7	232.00	89.00	0.00	0	0	
									point2	62	84.3	191.2	232.00	89.00	0.00	0	0	
									point3	63	396.1	772.7	232.00	89.00	0.00	0	0	
									point4	64	466.2	522.2	232.00	89.00	0.00	0	0	
									point5	65	238.0	110.7	232.00	89.00				
10 Freeway Interchange to SB FWY 110	W	0.00	99.99	0.00				0.00	point1	66	-1,426.4	-576.3	223.00	0.00	0.00	0	0	
									point2	67	-1,618.1	-631.1	222.00	0.00	0.00	0	0	
									point3	68	-1,781.7	-786.3	221.00	0.00	0.00	0	0	
									point4	69	-1,875.3	-1,014.6	22.00	0.00	0.00	0	0	
									point5	70	-1,845.4	-1,243.5	227.00	0.00				
Nokia Theater	W	0.00	99.99	0.00				0.00	point1	71	717.4	1,553.2	234.00	70.00	0.00	0	0	
									point2	72	664.1	1,369.2	234.00	70.00	0.00	0	0	
									point3	73	948.3	1,288.8	234.00	70.00	0.00	0	0	
									point4	74	1,003.4	1,477.6	234.00	70.00	0.00	0	0	
									point5	75	717.4	1,553.2	234.00	70.00				
LA Live West Parking Structure	W	0.00	99.99	0.00				0.00	point1	76	288.6	1,846.5	234.00	25.00	0.00	0	0	
									point2	77	165.3	1,611.5	234.00	25.00	0.00	0	0	
									point3	78	478.5	1,442.0	234.00	25.00	0.00	0	0	
									point4	79	611.7	1,673.6	234.00	25.00	0.00	0	0	
									point5	80	288.6	1,846.5	234.00	25.00				
LA Live Structure	W	0.00	99.99	0.00				0.00	point1	81	1,251.9	1,708.5	240.00	84.00	0.00	0	0	
									point2	82	1,112.9	1,481.3	240.00	84.00	0.00	0	0	
									point3	83	1,553.8	1,451.9	240.00	84.00	0.00	0	0	
									point4	84	1,669.8	1,593.5	240.00	84.00	0.00	0	0	

L:\PROJECTS\LA CONVENTION AND NFL STADIUM\CALCULATIONS\CONSTRUCTION\HAUL TRUCKS\FWY110E

INPUT: BARRIERS

LA Convention & Farmers Field

									point5	85	1,251.9	1,708.5	240.00	84.00					
Apt. Bldg. at Figueroa and Pico	W	0.00	99.99	0.00				0.00	point1	86	571.4	-29.3	233.00	60.00	0.00	0	0		
									point2	87	508.2	-147.2	233.00	60.00	0.00	0	0		
									point3	88	773.5	-296.7	233.00	60.00	0.00	0	0		
									point4	89	844.7	-168.5	233.00	60.00	0.00	0	0		
									point5	90	571.4	-29.3	233.00	60.00					

Appendix D

Operation Noise Calculations

Outdoor Noise Prediction Model, Version 2.0 (Sean K. Bui), January 1, 2006

Client: Matrix Environmental
 Description: LA Convention Modernization & Farmers Field
 AES Job No: 2011113
 Consultant: skb
 Date: 9/13/2011
 Source: **Fireworks**

Description	63	125	250	500	1000	2000	4000	8000 dBA	
R1	100	101.2	94.1	88.8	81	74.8	63.4	36.1	90.9
FIREWORKS	100	101.2	94.1	88.8	81	74.8	63.4	36.1	90.9
R2	105.9	109	103.5	99.3	91.2	82.1	66.1	29	100.3
FIREWORKS	105.9	109	103.5	99.3	91.2	82.1	66.1	29	100.3
R3	104	107.8	103.3	100.7	94.4	87.2	71.2	26.7	101.3
FIREWORKS	104	107.8	103.3	100.7	94.4	87.2	71.2	26.7	101.3
R4	103.7	107.5	103	100.3	94	86.7	70.4	24.5	101
FIREWORKS	103.7	107.5	103	100.3	94	86.7	70.4	24.5	101
R5	103.7	107.5	103.1	100.4	94.1	86.8	70.5	24.9	101
FIREWORKS	103.7	107.5	103.1	100.4	94.1	86.8	70.5	24.9	101
R6b	104.5	106.5	99.8	94.8	86.2	76.9	61.7	30.8	96.4
FIREWORKS	104.5	106.5	99.8	94.8	86.2	76.9	61.7	30.8	96.4
R7b	102.1	103.5	96.5	91.3	82.6	74.3	62.6	34.5	93.1
FIREWORKS	102.1	103.5	96.5	91.3	82.6	74.3	62.6	34.5	93.1
R8	103	106.8	102.3	99.6	93.2	85.8	68.6	19.9	100.2
FIREWORKS	103	106.8	102.3	99.6	93.2	85.8	68.6	19.9	100.2
R9	103.4	107.1	102.7	100	93.6	86.3	69.5	22.3	100.6
FIREWORKS	103.4	107.1	102.7	100	93.6	86.3	69.5	22.3	100.6
R10	100.4	102.5	95.8	90.6	81.5	71.2	51.3	0.6	92.3
FIREWORKS	100.4	102.5	95.8	90.6	81.5	71.2	51.3	0.6	92.3
R11	100.1	103.8	99.1	96.1	89.2	80.7	59.1	-6.2	96.7
FIREWORKS	100.1	103.8	99.1	96.1	89.2	80.7	59.1	-6.2	96.7
R12	92.7	93.7	86.3	80.4	70.8	62.7	43	-15.3	82.7
FIREWORKS	92.7	93.7	86.3	80.4	70.8	62.7	43	-15.3	82.7
R13	102.9	106	100.3	96	87.6	77.8	58.8	10.5	97.1
FIREWORKS	102.9	106	100.3	96	87.6	77.8	58.8	10.5	97.1
R14	102	105.8	101.2	98.4	91.9	84.1	65.6	11.9	99
FIREWORKS	102	105.8	101.2	98.4	91.9	84.1	65.6	11.9	99
R15	89.2	90.1	82.6	78.3	71.8	64	45.4	-8.7	80.2
FIREWORKS	89.2	90.1	82.6	78.3	71.8	64	45.4	-8.7	80.2
R16	99.2	102.8	98	94.9	87.8	79	55.6	-16.2	95.5
FIREWORKS	99.2	102.8	98	94.9	87.8	79	55.6	-16.2	95.5
R17	97.5	101.1	96.2	92.8	85.3	75.7	48.9	-36.1	93.5
FIREWORKS	97.5	101.1	96.2	92.8	85.3	75.7	48.9	-36.1	93.5
R18	100	103.2	97.6	93.2	84.5	73.9	50.7	-13.7	94.2
FIREWORKS	100	103.2	97.6	93.2	84.5	73.9	50.7	-13.7	94.2

R19	99.5	103.2	98.4	95.4	88.3	79.7	57	-12.3	96
FIREWORKS	99.5	103.2	98.4	95.4	88.3	79.7	57	-12.3	96
R20	97.5	101.1	96.1	92.8	85.2	75.6	48.7	-36.7	93.4
FIREWORKS	97.5	101.1	96.1	92.8	85.2	75.6	48.7	-36.7	93.4
R21	97.3	100.9	95.9	92.6	84.9	75.2	47.9	-39.1	93.2
FIREWORKS	97.3	100.9	95.9	92.6	84.9	75.2	47.9	-39.1	93.2
R22	98.7	102.3	97.5	94.3	87	78	53.7	-21.9	94.9
FIREWORKS	98.7	102.3	97.5	94.3	87	78	53.7	-21.9	94.9
R23	100.8	104.5	99.9	96.9	90.2	82	61.6	0.7	97.5
FIREWORKS	100.8	104.5	99.9	96.9	90.2	82	61.6	0.7	97.5
R24	102.3	106.1	101.5	98.8	92.3	84.6	66.5	14.3	99.4
FIREWORKS	102.3	106.1	101.5	98.8	92.3	84.6	66.5	14.3	99.4
R25	102.4	106.1	101.6	98.8	92.3	84.7	66.6	14.6	99.4
FIREWORKS	102.4	106.1	101.6	98.8	92.3	84.7	66.6	14.6	99.4
R26	103.6	107.1	102	98.2	90.4	81.1	62.7	15.9	99
FIREWORKS	103.6	107.1	102	98.2	90.4	81.1	62.7	15.9	99
NokiaTheater	106.7	108.3	101.5	96.4	88	79.2	68.4	46.7	98.2
FIREWORKS	106.7	108.3	101.5	96.4	88	79.2	68.4	46.7	98.2
Ritz-Flr1	101	102.2	95.1	89.9	81.2	74.7	63.3	35.9	91.9
FIREWORKS	101	102.2	95.1	89.9	81.2	74.7	63.3	35.9	91.9
Ritz-Flr27	109.3	113.2	109	106.6	101	94.8	83.4	56.1	107.4
FIREWORKS	109.3	113.2	109	106.6	101	94.8	83.4	56.1	107.4
Ritz-Flr54	108.3	112.2	107.9	105.5	99.8	93.4	81.3	51.5	106.3
FIREWORKS	108.3	112.2	107.9	105.5	99.8	93.4	81.3	51.5	106.3
R6	105.7	109.6	105.2	102.7	96.7	89.8	75.6	38	103.4
FIREWORKS	105.7	109.6	105.2	102.7	96.7	89.8	75.6	38	103.4
R7	102	103.4	96.4	91.1	82.5	74.3	62.6	34.5	93
FIREWORKS	102	103.4	96.4	91.1	82.5	74.3	62.6	34.5	93
R6c	104.7	108.5	104.1	101.5	95.4	88.4	73.1	31.7	102.2
FIREWORKS	104.7	108.5	104.1	101.5	95.4	88.4	73.1	31.7	102.2

Outdoor Noise Prediction Model, Version 2.0 (Sean K. Bui), January 1, 2006

Client: Matrix Environmental
 Description: LA Convention Modernization & Farmers Field
 AES Job No: 2011113
 Consultant: skb
 Date: 9/13/2011

Source:	Buses at Pico Tunnel								
Description	63	125	250	500	1000	2000	4000	8000 dBA	
R1	43.1	32	25	20.4	19.2	14.1	-0.3	-27.2	24.8
Pico-N	37.5	28.1	21.7	17	15.8	10.7	-4.1	-32.5	21.1
Pico-S	41.8	29.7	22.3	17.7	16.5	11.5	-2.6	-28.8	22.4
R2	70.8	61.8	55.7	51.6	51.3	47.9	40.8	41.1	56.3
Pico-N	39	29.8	23.4	18.9	17.9	13.2	0.1	-21.9	23
Pico-S	70.8	61.8	55.7	51.6	51.3	47.9	40.8	41.1	56.3
R3	63.9	54.8	48.6	44.3	43.8	39.7	30.2	21.1	48.7
Pico-N	37.5	28.4	21.9	17.3	16.2	11.1	-3.4	-30.8	21.3
Pico-S	63.9	54.8	48.6	44.3	43.7	39.7	30.2	21.1	48.7
R4	45.2	33.8	27.5	23.1	22.2	17.8	6.5	-7.7	27.5
Pico-N	44.5	32.6	26.4	22	21.3	17	6.2	-7.7	26.6
Pico-S	36.8	27.6	21.1	16.5	15.2	10	-5.3	-35.8	20.5
R5	45.7	34	26.3	21.8	20.9	16.2	4.3	-12.4	26.7
Pico-N	45.3	33.3	25.3	20.9	20.1	15.7	4.1	-12.4	26
Pico-S	35.1	25.9	19.3	14.5	13	7.3	-10.2	-48.7	18.4
R6b	48.3	36.6	30.2	25.9	25.3	21.2	11.9	4.4	30.6
Pico-N	48	36	29.5	25.3	24.8	20.9	11.7	4.4	30.1
Pico-S	37.2	28	21.6	17	15.8	10.6	-4.2	-32.8	21
R7b	47.3	35.6	26.8	20.9	19.8	14.9	1.6	-20	26.9
Pico-N	47	35	25.7	19.3	18.3	13.6	0.9	-20.1	25.9
Pico-S	36.6	27.1	20.6	15.8	14.5	9.1	-6.9	-39.8	19.9
R8	41.3	29.6	21.5	16.6	15	9.1	-8.5	-45.5	21.4
Pico-N	40.6	28.5	19.8	15	13.5	7.9	-9	-45.5	20.2
Pico-S	32.8	23.4	16.7	11.6	9.6	3	-18.3	-71.5	15.5
R9	42.8	31	22.2	16.1	14.3	8.3	-10.5	-52.1	21.9
Pico-N	42.3	30.2	20.6	14.1	12.5	6.6	-11.4	-52.2	20.7
Pico-S	33.6	23.6	16.8	11.8	9.8	3.3	-17.8	-70.1	15.7
R10	41.7	30.1	21.5	16.4	14.8	8.7	-9.7	-50.1	21.5
Pico-N	33.3	24	17.3	12.3	10.4	4	-16.4	-66.1	16.1
Pico-S	41.1	28.9	19.4	14.3	12.8	7	-10.7	-50.2	20
R11	46.2	34.5	25.2	17.5	13.1	4.5	-17.9	-72.7	24.2
Pico-N	31	21.6	14.7	9.4	7	-0.4	-25.3	-91.9	13.2
Pico-S	46	34.2	24.8	16.8	11.8	2.8	-18.8	-72.7	23.9
R12	42.1	30.4	21.4	15.3	13.5	7.2	-12.3	-56.2	21.2
Pico-N	32	22.7	15.9	10.7	8.5	1.6	-21.2	-79.7	14.5
Pico-S	41.7	29.5	20	13.5	11.8	5.8	-12.9	-56.3	20.1
R13	57.3	48.1	41.7	37	35.8	30.7	15.9	-12.6	41.1
Pico-N	34.1	24.8	18.1	13.2	11.5	5.4	-13.7	-58.4	17.1
Pico-S	57.3	48.1	41.6	37	35.8	30.7	15.9	-12.6	41
R14	55.8	45.4	37.1	30.3	26.6	18.8	1.6	-28.1	35.5
Pico-N	33.5	24.2	17.5	12.5	10.7	4.4	-15.7	-63.9	16.4

Pico-S	55.8	45.3	37.1	30.2	26.5	18.7	1.5	-28.1	35.4
R15	45.8	34.1	25.6	21	20	15.2	2.5	-16.7	26.1
Pico-N	35	25.7	19.1	14.3	12.7	6.9	-10.8	-50.4	18.2
Pico-S	45.4	33.4	24.4	20	19.1	14.5	2.3	-16.7	25.3
R16	48.8	37.1	28	20.5	16.5	9	-8.6	-45.5	27
Pico-N	32.4	23.1	16.3	11.2	9.1	2.4	-19.6	-75.3	15
Pico-S	48.7	37	27.7	20	15.6	7.9	-9	-45.5	26.7
R17	51.9	41.7	33.5	26.6	22.3	13.3	-10.1	-63.6	31.7
Pico-N	31.5	22.1	15.2	10	7.7	0.5	-23.4	-86.3	13.8
Pico-S	51.9	41.6	33.5	26.5	22.2	13.1	-10.3	-63.6	31.6
R18	43	31.6	23.6	18.9	17.5	12.1	-3.8	-35.9	23.6
Pico-N	35.8	26.6	20.1	15.3	13.9	8.4	-8.2	-43.3	19.3
Pico-S	42.1	30	21	16.3	15	9.7	-5.7	-36.8	21.6
R19	41.6	30.1	21.9	17.1	15.5	9.7	-8.3	-48.5	21.9
Pico-N	34.9	25.3	18.7	13.8	12.2	6.2	-12.1	-54.1	17.7
Pico-S	40.6	28.4	19.2	14.4	12.8	7	-10.6	-49.9	19.8
R20	49.9	38.9	30	22.5	17.9	8.7	-15.7	-73.8	28.6
Pico-N	49.7	38.7	29.8	22.2	17.4	7.8	-17.2	-75.3	28.3
Pico-S	37.5	25.2	15.9	10.8	8.6	1.7	-21	-79.3	16.2
R21	50.3	39.4	30.6	23.2	18.6	9.3	-15.6	-75.3	29.1
Pico-N	50	39.3	30.5	23	18.2	8.6	-16.5	-76	28.9
Pico-S	36.9	24.7	15.4	10.2	8	0.9	-22.7	-84	15.7
R22	38.3	27	20.3	15.3	13.4	7.1	-12.5	-56.8	19.5
Pico-N	37.1	25	18.3	13.4	11.7	5.7	-13.1	-56.8	17.8
Pico-S	32.3	22.7	15.9	10.7	8.5	1.6	-21.2	-79.7	14.6
R23	41	29.4	22.3	17.5	16	10.5	-5.7	-37.5	22
Pico-N	40.3	28.2	20.9	16.2	14.9	9.6	-6	-37.5	20.9
Pico-S	32.8	23.5	16.7	11.7	9.7	3.1	-18.2	-71.2	15.5
R24	53.6	42.4	33.6	26.3	22.5	14.6	-2.6	-29.4	32.3
Pico-N	53.6	42.3	33.5	26.2	22.2	14.2	-2.8	-29.4	32.2
Pico-S	33.4	24.1	17.4	12.4	10.5	4.2	-16.1	-65.1	16.2
R25	41.4	29.8	22.4	17.7	16.2	10.7	-5.3	-36.4	22.2
Pico-N	40.8	28.6	21.1	16.4	15.1	9.8	-5.6	-36.4	21.1
Pico-S	32.9	23.5	16.8	11.8	9.8	3.2	-17.9	-70.4	15.6
R26	44.5	34.5	28.2	23.7	22.9	18.5	6.9	-8.8	28
Pico-N	42.6	32.3	26	21.6	20.9	16.5	5.5	-9.3	26
Pico-S	40.2	30.4	24.1	19.6	18.6	14	1.5	-18.7	23.8
NokiaTheater	44.8	33.7	26.9	22.4	21.5	16.8	4.2	-15.6	26.9
Pico-N	38.8	29.6	23.2	18.7	17.7	12.9	-0.3	-23.1	22.8
Pico-S	43.6	31.5	24.5	20	19.1	14.6	2.4	-16.5	24.7
Ritz-Flr1	43.5	32.2	25	20.4	19.2	14.1	-0.3	-27.1	24.9
Pico-N	37.4	28	21.6	17	15.8	10.6	-4.2	-32.8	21
Pico-S	42.2	30.1	22.3	17.7	16.6	11.6	-2.5	-28.5	22.6
Ritz-Flr27	51.1	39.4	30.5	23.4	20.1	13.8	-0.8	-28.6	29.6
Pico-N	39.3	27.8	21.4	16.7	15.5	10.3	-4.7	-34.2	21
Pico-S	50.8	39.1	29.9	22.4	18.3	11.3	-3.1	-29.9	29
Ritz-Flr54	57.2	47.9	41.5	36.8	35.6	30.4	15.4	-14	40.8

Pico-N	41.5	29.4	20.8	16.1	14.8	9.5	-6.1	-37.9	21.3
Pico-S	57.1	47.9	41.4	36.8	35.6	30.4	15.4	-14	40.8
R6	45.8	34.1	27	22.6	21.7	17.2	5.8	-8.9	27.3
Pico-N	45.3	33.3	26.1	21.7	21	16.6	5.6	-8.9	26.6
Pico-S	35.6	26.3	19.8	15	13.6	8	-8.9	-45.2	19
R7	47.3	35.6	26.8	20.9	19.8	14.9	1.6	-20	26.8
Pico-N	46.9	34.9	25.6	19.3	18.3	13.6	0.9	-20.1	25.9
Pico-S	36.6	27.1	20.6	15.8	14.5	9.1	-6.9	-39.8	19.8
R6c	42.8	31.2	23.2	18.5	17.2	11.8	-3.6	-32.3	23.3
Pico-N	42.2	30.1	21.7	17.1	15.9	10.7	-4	-32.3	22.2
Pico-S	33.9	24.7	18	13.1	11.3	5.2	-14.1	-59.6	16.9

Outdoor Noise Prediction Model, Version 2.0 (Sean K. Bui), January 1, 2006

Client: Matrix Environmental
 Description: LA Convention Modernization & Farmers Field
 AES Job No: 2011113
 Consultant: skb
 Date: 9/13/2011
 Source: **Event Center - Touring Concert Sound System**

Description	63	125	250	500	1000	2000	4000	8000 dBA	
R1	90.5	88.9	63.7	59.4	56.8	49.8	45	27.2	73.7
FOH-1	82.8	81.3	56.1	51.7	49.2	42.1	37.3	19.5	66
FOH-2	82.8	81.4	56.2	51.8	49.3	42.2	37.5	19.9	66.1
FOH-3	82.9	81.6	56.4	52.1	49.6	42.6	38	20.9	66.3
FOH-4	83	81.8	56.6	52.3	49.7	42.7	38.2	21.3	66.5
MF-1	82.2	80.2	55	50.6	48	40.8	35.4	15.3	65
MF-2	82.4	80.5	55.2	50.9	48.3	41.1	35.9	16.3	65.2
R2	88.1	85.1	59.8	55.3	52.4	44.7	37.3	9.6	70
FOH-1	80.3	76.8	51.5	46.9	44	36.2	28.3	-1.2	61.8
FOH-2	80.3	76.9	51.6	47.1	44.1	36.4	28.6	-0.5	61.9
FOH-3	80.3	77.3	51.9	47.4	44.5	36.9	29.3	1.2	62.2
FOH-4	80.3	77.4	52.1	47.6	44.7	37.1	29.8	2.2	62.3
MF-1	80.5	77.4	52.1	47.6	44.7	37.1	29.7	2.1	62.3
MF-2	80.5	77.9	52.6	48.1	45.3	37.7	30.8	4.6	62.7
R3	86.8	82.8	56.7	52.1	48.8	40.5	30.3	-8	67.8
FOH-1	78.5	74.3	48.6	43.9	40.6	32.2	21.5	-18.6	59.4
FOH-2	78.5	74.3	48.7	44	40.7	32.3	21.7	-18.1	59.4
FOH-3	78.3	74.3	48.9	44.2	40.9	32.6	22.2	-16.8	59.4
FOH-4	78.3	74.5	49	44.3	41.1	32.8	22.5	-16	59.5
MF-1	81.2	77.1	49.2	44.5	41.3	33	22.9	-14.9	62
MF-2	78.4	74.9	49.5	44.8	41.6	33.5	23.7	-13	59.9
R4	90.7	86.7	58.3	51.7	48.4	40	29.3	-10.4	71.6
FOH-1	83.3	79.3	50.9	43.9	40.5	32.2	21.4	-18.9	64.2
FOH-2	83.3	79.3	50.9	43.8	40.5	32.1	21.2	-19.3	64.2
FOH-3	82.7	78.6	50.2	43.6	40.3	31.9	20.8	-20.4	63.6
FOH-4	82.7	78.6	50.2	43.5	40.2	31.7	20.6	-21	63.5
MF-1	82.9	78.8	50.4	44.4	41.2	32.9	22.7	-15.5	63.8
MF-2	82.8	78.7	50.3	44.2	40.9	32.6	22.1	-17	63.7
R5	85.6	82.1	56.6	51.9	48.6	40.3	29.8	-9.2	67
FOH-1	77.7	74.4	48.9	44.2	41	32.7	22.3	-16.5	59.3
FOH-2	77.8	74.3	48.8	44.1	40.9	32.5	22.1	-17.2	59.2
FOH-3	77.9	74	48.6	43.9	40.5	32.2	21.4	-18.9	59.1
FOH-4	77.9	73.9	48.4	43.7	40.4	31.9	21	-19.9	59
MF-1	77.8	74.7	49.2	44.6	41.3	33.1	23.1	-14.5	59.6
MF-2	78	74.3	48.8	44.2	40.9	32.6	22.1	-17	59.3
R6b	88.9	86.7	61.4	57	54.2	46.9	40.7	17.6	71.5
FOH-1	81.2	79.2	53.9	49.5	46.8	39.5	33.5	10.9	64
FOH-2	81.1	79	53.8	49.4	46.6	39.2	33.1	10.1	63.8
FOH-3	81	78.6	53.3	48.9	46.1	38.6	32.2	7.9	63.4
FOH-4	80.9	78.3	53	48.6	45.8	38.3	31.6	6.6	63.2
MF-1	81.3	79.5	54.2	49.8	47.1	39.8	33.9	12	64.2
MF-2	81.1	78.8	53.5	49.1	46.3	38.9	32.6	8.9	63.6
R7b	92.8	89.7	63.2	58.7	56	48.9	43.7	24.5	74.6
FOH-1	82.6	81.2	56	51.6	49.1	42	37.2	19.1	65.9
FOH-2	82.6	81	55.7	51.4	48.8	41.7	36.8	18.3	65.7
FOH-3	87.9	83.9	55.7	50.9	48.2	41.1	35.9	16.3	68.9
FOH-4	87.7	83.7	55.5	50.6	47.9	40.7	35.3	15	68.7
MF-1	82.2	80.2	55	50.7	48	40.8	35.5	15.4	65

MF-2	81.9	79.6	54.4	50	47.3	40.1	34.3	12.9	64.5
R8	85.2	81.8	56.3	51.6	48.2	39.9	29	-11.3	66.7
FOH-1	77.1	74.3	48.9	44.2	40.9	32.6	22.2	-16.9	59.2
FOH-2	77.3	74.2	48.7	44.1	40.8	32.4	21.9	-17.7	59.1
FOH-3	77.5	73.9	48.5	43.7	40.4	32	21.1	-19.6	58.9
FOH-4	77.6	73.8	48.3	43.6	40.2	31.8	20.7	-20.8	58.8
MF-1	77.3	74	48.5	43.8	40.4	32	21.2	-19.5	58.9
MF-2	77.6	73.6	48.1	43.4	40	31.5	20.2	-22.1	58.7
R9	91.7	87.6	59.2	52.1	48.8	40.6	30.3	-8.1	72.5
FOH-1	83.6	79.6	51.2	44.7	41.5	33.3	23.4	-13.8	64.5
FOH-2	83.7	79.6	51.3	44.6	41.4	33.2	23.2	-14.3	64.6
FOH-3	83.8	79.8	51.4	44.4	41.1	32.9	22.6	-15.7	64.7
FOH-4	83.9	79.9	51.5	44.2	40.9	32.7	22.3	-16.6	64.8
MF-1	84	80	51.6	44.1	40.8	32.5	21.9	-17.5	64.9
MF-2	84.1	80.1	51.7	44	40.5	32.1	21.2	-19.4	65
R10	90.7	86.7	58.5	51.8	48.5	40.2	29.6	-9.9	71.6
FOH-1	83.5	79.5	51.1	43.9	40.6	32.3	21.6	-18.4	64.4
FOH-2	83.5	79.4	51	44	40.7	32.4	21.8	-17.8	64.4
FOH-3	83.4	79.3	50.9	44.3	41	32.7	22.4	-16.3	64.2
FOH-4	83.3	79.2	50.8	44.4	41.2	32.9	22.7	-15.5	64.1
MF-1	83.8	79.7	51.3	43.6	40.2	31.7	20.6	-21.1	64.6
MF-2	78	74	48.5	43.8	40.5	32.1	21.3	-19.2	59
R11	88	83.8	55.4	48.1	44.2	34.8	19.6	-37.1	68.8
FOH-1	80.8	76.7	48.1	40.2	36.3	26.9	11.6	-45.7	61.6
FOH-2	80.7	76.6	48	40.3	36.4	27	11.8	-45.1	61.5
FOH-3	80.5	76.4	47.8	40.4	36.6	27.3	12.4	-43.6	61.3
FOH-4	80.4	76.2	47.6	40.6	36.7	27.5	12.7	-42.7	61.2
MF-1	81.2	77.1	48.5	40.5	36	26.5	10.8	-48	62
MF-2	75.1	70.9	45.1	40.1	36.3	26.9	11.5	-46	55.9
R12	83.7	79.9	54.2	49.4	45.7	36.8	23.4	-26.6	64.9
FOH-1	76.2	72	46.3	41.5	37.8	28.8	15.2	-35.7	57.1
FOH-2	76.1	72	46.4	41.5	37.9	28.9	15.4	-35	57.1
FOH-3	75.8	72.2	46.6	41.8	38.2	29.3	16.1	-33.1	57.2
FOH-4	75.5	72.4	46.8	41.9	38.3	29.5	16.5	-32.1	57.3
MF-1	76.2	72	46.1	41.2	37.5	28.5	14.6	-37.3	57.1
MF-2	75.8	72	46.4	41.6	37.9	28.9	15.5	-34.9	57
R13	85.8	82.4	57	52.3	49.1	40.9	30.9	-6.5	67.4
FOH-1	78.2	74.5	49	44.3	41.1	32.8	22.5	-16	59.4
FOH-2	78.1	74.6	49.1	44.4	41.2	33	22.8	-15.3	59.5
FOH-3	77.9	74.9	49.4	44.8	41.6	33.4	23.6	-13.2	59.8
FOH-4	77.7	75.1	49.6	45	41.8	33.7	24.1	-12	59.9
MF-1	78.2	74.3	48.8	44.2	40.9	32.6	22.1	-17	59.3
MF-2	77.9	74.7	49.3	44.6	41.4	33.2	23.2	-14.2	59.6
R14	84.1	80.5	54.9	50.1	46.6	37.9	25.4	-21.1	65.5
FOH-1	76.6	72.5	46.9	42	38.5	29.6	16.8	-31.3	57.5
FOH-2	76.5	72.6	47	42.2	38.6	29.8	17.1	-30.5	57.6
FOH-3	76.2	72.8	47.3	42.5	38.9	30.2	17.9	-28.3	57.7
FOH-4	76	73	47.4	42.6	39.1	30.5	18.3	-27.1	57.8
MF-1	76.5	72.6	47	42.2	38.6	29.8	17.1	-30.3	57.6
MF-2	76.2	72.9	47.4	42.6	39.1	30.4	18.2	-27.4	57.8
R15	84.4	80.4	54.7	49.8	46.3	37.4	24.6	-23.1	65.4
FOH-1	76.8	72.6	46.6	41.7	38.1	29.2	15.9	-33.7	57.6
FOH-2	76.7	72.5	46.7	41.8	38.2	29.3	16.1	-33.1	57.6
FOH-3	76.5	72.4	46.9	42	38.4	29.6	16.7	-31.5	57.5
FOH-4	76.3	72.6	47	42.2	38.6	29.8	17.1	-30.5	57.5

MF-1	76.7	72.5	47	42.1	38.6	29.8	17	-30.6	57.6
MF-2	76.4	72.8	47.3	42.5	38.9	30.2	17.9	-28.3	57.8
R16	82	77.7	51.6	46.4	42.3	32.4	14.8	-50.7	62.8
FOH-1	74.5	70.2	43.6	38.4	34.2	24.2	6.2	-61.2	55.2
FOH-2	74.4	70.1	43.6	38.5	34.3	24.3	6.4	-60.6	55.1
FOH-3	74.1	69.8	43.8	38.6	34.5	24.6	6.9	-59.1	54.9
FOH-4	73.9	69.7	43.9	38.7	34.6	24.7	7.2	-58.2	54.7
MF-1	74.3	70.1	43.9	38.7	34.6	24.8	7.3	-58.1	55.1
MF-2	73.9	69.9	44.1	39	34.9	25.1	8	-56	54.9
R17	85.2	81	52.1	44.5	39.7	29.1	7.9	-71.1	65.9
FOH-1	78.2	74	45.1	36.7	31.7	21	-0.6	-81.4	58.9
FOH-2	78.2	74	45.1	36.8	31.7	21	-0.5	-81	59
FOH-3	75.9	71.6	42.7	36.5	31.9	21.2	-0.2	-80	56.6
FOH-4	75.7	71.4	42.5	36.5	31.9	21.3	0	-79.5	56.4
MF-1	77.9	73.6	44.8	36.7	32.2	21.5	0.6	-77.6	58.6
MF-2	77.9	73.7	44.8	36.9	32.3	21.8	1.1	-76.3	58.7
R18	83.5	79.3	53.2	48.2	44.4	35.1	20.1	-35.7	64.3
FOH-1	75.8	71.6	45.2	40.2	36.3	26.9	11.6	-45.7	56.6
FOH-2	75.8	71.6	45.2	40.2	36.3	27	11.7	-45.5	56.6
FOH-3	75.8	71.6	45.2	40.3	36.4	27	11.8	-45.1	56.7
FOH-4	75.9	71.6	45.3	40.3	36.4	27.1	11.9	-44.9	56.7
MF-1	75.5	71.3	45.7	40.7	36.9	27.7	13.1	-41.5	56.4
MF-2	75.5	71.4	45.7	40.8	37	27.8	13.3	-40.9	56.4
R19	82.5	78.2	51.9	46.8	42.7	32.9	15.9	-47.6	63.3
FOH-1	74.8	70.6	43.9	38.8	34.7	24.9	7.5	-57.5	55.6
FOH-2	74.8	70.6	44	38.8	34.7	24.9	7.5	-57.3	55.6
FOH-3	74.8	70.6	44	38.9	34.7	24.9	7.6	-57.1	55.6
FOH-4	74.8	70.6	44	38.9	34.8	25	7.7	-56.9	55.6
MF-1	74.4	70.2	44.4	39.3	35.2	25.6	8.9	-53.3	55.2
MF-2	74.5	70.2	44.4	39.3	35.3	25.7	9.1	-52.9	55.3
R20	80.7	76.3	49.6	44.2	39.6	28.9	7.6	-72	61.4
FOH-1	73.1	68.7	41.7	36.3	31.7	20.9	-0.7	-81.5	53.8
FOH-2	73.1	68.7	41.7	36.3	31.7	20.9	-0.7	-81.5	53.7
FOH-3	73.1	68.7	41.7	36.3	31.7	20.9	-0.7	-81.6	53.7
FOH-4	73.1	68.7	41.7	36.3	31.7	20.9	-0.7	-81.7	53.7
MF-1	72.6	68.2	42.1	36.7	32.2	21.6	0.7	-77.5	53.3
MF-2	72.6	68.2	42.1	36.7	32.2	21.5	0.6	-77.6	53.3
R21	80.5	76.2	49.4	44	39.4	28.6	6.8	-74.4	61.2
FOH-1	72.9	68.6	41.6	36.1	31.4	20.6	-1.4	-83.6	53.6
FOH-2	72.9	68.6	41.6	36.1	31.4	20.6	-1.4	-83.7	53.6
FOH-3	72.9	68.6	41.5	36.1	31.4	20.5	-1.5	-84	53.6
FOH-4	72.9	68.6	41.5	36.1	31.4	20.5	-1.6	-84.2	53.6
MF-1	72.4	68.1	41.9	36.5	31.9	21.2	-0.1	-79.8	53.1
MF-2	72.4	68.1	41.9	36.5	31.9	21.1	-0.2	-80.2	53.1
R22	86.2	82	53.4	45.8	41.5	31.4	12.7	-56.9	67
FOH-1	73.9	69.6	43.2	38	33.7	23.6	4.8	-65.2	54.7
FOH-2	79.3	75.1	46.3	38.2	33.6	23.5	4.7	-65.6	60.1
FOH-3	79	74.9	46.1	37.9	33.5	23.3	4.3	-66.7	59.8
FOH-4	79	74.8	46	37.8	33.4	23.2	4.1	-67.3	59.8
MF-1	78.8	74.6	45.9	38.3	34.1	24.1	5.9	-62.1	59.6
MF-2	78.8	74.6	45.8	38.2	33.9	23.8	5.4	-63.5	59.5
R23	83.1	79.2	53.4	48.5	44.7	35.5	20.9	-33.5	64.2
FOH-1	75.1	71.4	45.7	40.8	37	27.8	13.4	-40.7	56.4
FOH-2	75.3	71.3	45.7	40.7	36.9	27.7	13.2	-41.4	56.3
FOH-3	75.5	71.3	45.5	40.5	36.7	27.4	12.5	-43.1	56.3

FOH-4	75.6	71.4	45.4	40.4	36.5	27.2	12.2	-44.1	56.4
MF-1	75.1	71.6	46	41	37.3	28.2	14	-38.9	56.5
MF-2	75.5	71.3	45.7	40.7	36.9	27.7	13.2	-41.3	56.4
R24	84.3	80.7	55.2	50.4	46.9	38.2	26.1	-19.2	65.7
FOH-1	76.2	73.1	47.6	42.8	39.3	30.7	18.8	-25.9	58
FOH-2	76.3	73	47.5	42.7	39.2	30.6	18.5	-26.6	57.9
FOH-3	76.6	72.8	47.2	42.4	38.9	30.2	17.8	-28.7	57.8
FOH-4	76.7	72.6	47.1	42.2	38.7	29.9	17.3	-29.8	57.7
MF-1	76.4	73.2	47.7	42.9	39.5	30.9	19.1	-25.1	58.1
MF-2	76.7	72.9	47.3	42.5	39	30.3	18.1	-27.9	57.9
R25	84.3	80.9	55.3	50.6	47.1	38.4	26.5	-18.1	65.8
FOH-1	76.2	73.3	47.8	43	39.6	31.1	19.4	-24.3	58.2
FOH-2	76.3	73.2	47.7	42.9	39.5	30.9	19.1	-25.1	58.1
FOH-3	76.6	73	47.4	42.6	39.1	30.5	18.3	-27.2	57.9
FOH-4	76.7	72.8	47.2	42.4	38.9	30.2	17.8	-28.5	57.8
MF-1	76.3	73.3	47.7	43	39.5	31	19.2	-24.7	58.2
MF-2	76.7	72.9	47.4	42.6	39.1	30.4	18.1	-27.6	57.9
R26	86.1	82.2	56.8	52.1	48.8	40.6	30.3	-7.9	67.3
FOH-1	78.3	74.3	48.8	44.1	40.8	32.5	21.9	-17.5	59.3
FOH-2	78.3	74.2	48.8	44.1	40.8	32.5	21.9	-17.5	59.3
FOH-3	78.3	74.2	48.7	44.1	40.8	32.4	21.9	-17.7	59.3
FOH-4	78.3	74.2	48.7	44	40.7	32.4	21.8	-17.8	59.3
MF-1	78.3	74.9	49.4	44.8	41.6	33.4	23.6	-13.2	59.8
MF-2	78.3	74.8	49.4	44.7	41.5	33.4	23.5	-13.4	59.8
NokiaTheater	96.8	92.8	67	62.8	60.4	53.7	50.4	38.2	77.9
FOH-1	88.9	84.9	59	54.8	52.4	45.6	42.2	29.4	70
FOH-2	89.1	85.1	59.3	55.1	52.6	45.9	42.6	30.1	70.2
FOH-3	89.6	85.6	59.9	55.7	53.4	46.7	43.6	32.1	70.7
FOH-4	89.9	85.9	60.3	56.1	53.8	47.1	44.2	33.1	71
MF-1	87.9	83.9	57.9	53.6	51.2	44.3	40.4	25.9	69
MF-2	88.5	84.5	58.6	54.3	51.9	45.1	41.5	28	69.6
Ritz-Flr1	92.3	89.7	63.8	59.3	56.7	49.6	44.8	26.8	74.6
FOH-1	83	81.1	55.9	51.6	49	42	37.1	19	65.9
FOH-2	83.1	81.3	56	51.7	49.1	42.1	37.3	19.5	66
FOH-3	83.2	81.5	56.3	52	49.5	42.4	37.8	20.5	66.3
FOH-4	83.3	81.7	56.5	52.2	49.6	42.6	38.1	21	66.4
MF-1	82.5	80.1	54.9	50.5	47.9	40.7	35.2	14.9	65
MF-2	88.5	84.5	56.3	50.8	48.2	41	35.8	16.1	69.5
Ritz-Flr27	109.3	108.2	82.9	78.6	75.9	68.8	63.5	44	92.8
FOH-1	101.6	100.5	75.2	70.9	68.2	61.1	55.9	36.3	85.1
FOH-2	101.7	100.6	75.3	71	68.4	61.2	56	36.7	85.2
FOH-3	101.9	100.8	75.6	71.2	68.6	61.5	56.5	37.6	85.5
FOH-4	102	100.9	75.7	71.4	68.8	61.7	56.7	38.1	85.6
MF-1	100.7	99.6	74.3	69.9	67.2	59.9	54.2	32.5	84.2
MF-2	100.9	99.8	74.6	70.2	67.5	60.3	54.6	33.6	84.5
Ritz-Flr54	107.7	106.5	81.2	76.8	74.1	66.7	60.3	36.7	91.2
FOH-1	99.9	98.8	73.5	69.1	66.3	59	52.7	29.1	83.5
FOH-2	100	98.9	73.6	69.2	66.4	59	52.8	29.4	83.6
FOH-3	100.2	99	73.8	69.4	66.6	59.3	53.1	30.1	83.7
FOH-4	100.2	99.1	73.8	69.4	66.7	59.4	53.3	30.5	83.8
MF-1	99.3	98.2	72.9	68.4	65.6	58.1	51.3	26	82.8
MF-2	99.5	98.4	73.1	68.6	65.8	58.4	51.7	26.9	83
R6	87.1	84.2	58.9	54.3	51.3	43.5	35.3	4.8	69.1
FOH-1	79.2	76.7	51.4	46.9	43.9	36.1	28.1	-1.7	61.5
FOH-2	79.2	76.6	51.2	46.7	43.7	35.9	27.8	-2.5	61.4

FOH-3	79.3	76.2	50.8	46.3	43.2	35.4	26.9	-4.7	61.1
FOH-4	79.3	76	50.6	46.1	43	35.1	26.4	-5.9	60.9
MF-1	79.3	76.8	51.5	47	44	36.3	28.4	-1.1	61.7
MF-2	79.4	76.3	50.9	46.4	43.4	35.5	27.2	-4.1	61.2
R7	92.7	89.7	63.2	58.7	56	48.9	43.7	24.5	74.5
FOH-1	82.6	81.2	56	51.6	49.1	42	37.2	19.1	65.9
FOH-2	82.5	81	55.7	51.4	48.8	41.7	36.8	18.3	65.7
FOH-3	87.8	83.8	55.6	50.9	48.2	41.1	35.9	16.3	68.8
FOH-4	87.7	83.7	55.5	50.6	47.9	40.7	35.3	15	68.6
MF-1	82.2	80.2	55	50.7	48	40.8	35.5	15.4	65
MF-2	81.9	79.6	54.4	50	47.3	40.1	34.3	12.9	64.5
R6c	86.5	83.5	58.1	53.5	50.4	42.4	33.5	0.3	68.4
FOH-1	78.5	76.1	50.7	46.2	43.1	35.2	26.7	-5.3	60.9
FOH-2	78.6	76	50.6	46	43	35	26.4	-6.1	60.8
FOH-3	78.7	75.6	50.2	45.6	42.5	34.5	25.5	-8.2	60.5
FOH-4	78.8	75.4	50	45.4	42.3	34.3	25	-9.5	60.4
MF-1	78.6	75.7	50.3	45.8	42.7	34.7	25.8	-7.6	60.6
MF-2	78.8	75.3	49.9	45.3	42.1	34.1	24.7	-10.4	60.3

Outdoor Noise Prediction Model, Version 2.0 (Sean K. Bui), January 1, 2006

Client: Matrix Environmental
 Description: LA Convention Modernization & Farmers Field
 AES Job No: 2011113
 Consultant: skb
 Date: 9/13/2011

Source:	Event Center - In-House Sound System								
Description	63	125	250	500	1000	2000	4000	8000	dBA
R1	76.7	75.1	74.6	70	67.3	65.3	61.1	46.9	73.3
TS-1	61.1	57.7	54.8	47.6	42.2	37.3	32.9	16.7	50.5
TS-2	64.3	61.1	58.4	51.5	46.2	41.4	35.1	21.2	54.2
TS-3	64.9	61.6	59	52	46.7	42.1	36.5	23.9	54.8
TS-4	69.5	68.5	68.3	64.1	61.7	60	56.7	44.3	67.6
TS-5	68.4	67.3	67.2	62.9	60.5	58.6	54.9	40.8	66.3
TS-6	67.3	66.3	66.1	61.8	59.3	57.3	53.1	37.1	65.1
TS-7	66.3	65.2	64.9	60.6	58	56	51.1	33.1	63.8
TS-8	65.3	64.2	64	59.7	57	54.8	49.5	29.4	62.7
TS-9	64.5	63.4	63.1	58.7	56	53.7	47.7	25.6	61.7
TS-10	63.4	62	61.2	55.9	51.7	47.4	38.6	11.9	58.1
TS-11	61.3	58.9	56.9	50.2	44.8	39.5	29.6	0.6	52.6
TS-12	59.4	56.5	53.9	46.8	41.1	35.7	25.4	-3.3	49.5
TS-13	48.2	44.2	41	36.5	33.6	31	23.5	-4.3	39.5
TS-14	48.4	44.3	41	36.4	33.5	30.8	23.3	-4.8	39.4
TS-15	49.1	45.1	41.8	36.9	34	31.4	24.2	-2.7	40
TS-16	50.1	46.1	42.8	37.4	34.6	32.1	25.3	-0.2	40.8
TS-17	51.3	47.3	44.1	38.1	35.3	32.9	26.6	2.9	41.7
TS-18	52.6	48.7	45.5	38.8	36	33.7	27.8	5.8	42.7
TS-19	54.5	50.6	47.5	40.2	36.9	34.7	29.3	9.1	44.2
TS-20	56.9	53.1	50	42.8	37.8	35.7	30.8	12.4	46.2
MS-1	42.4	39.2	39.1	34.8	32.3	30.3	26	10.1	38.1
MS-2	42.9	40.5	40.3	36.1	33.6	31.8	28.1	14.2	39.5
MS-3	43.3	41.3	41.2	37	34.6	32.8	29.5	16.9	40.5
MS-4	54	50.2	47.3	40.1	34.7	33	29.6	17.2	43.5
MS-5	53.1	49.3	46.3	39.2	33.7	31.8	28	14.1	42.5
MS-6	51.8	48.1	45.1	37.9	32.4	30.4	26.2	10.4	41.1
MS-7	50.6	46.8	43.7	36.5	31.2	29.1	24.3	6.5	39.8
MS-8	49.4	45.6	42.5	35.3	30.1	27.9	22.6	2.8	38.6
MS-9	48.4	44.5	41.4	34.1	29.1	26.8	21	-0.9	37.5
MS-10	47.4	43.6	40.4	33	28.2	25.8	19.5	-4.3	36.5
MS-11	46.5	42.6	39.4	32	27.5	25	18.1	-7.5	35.5
MS-12	45.8	41.9	38.7	31.3	27.1	24.5	17.4	-9.3	34.9
MS-13	38.7	34.7	34.2	29.7	26.8	24.2	16.9	-10.3	32.5
MS-14	38.8	34.7	34.1	29.6	26.7	24.1	16.8	-10.7	32.5
MS-15	39.2	35.1	34.5	30	27.2	24.6	17.5	-8.9	32.9
MS-16	39.7	35.7	35	30.6	27.8	25.3	18.6	-6.3	33.5
MS-17	40.3	36.3	35.6	31.2	28.5	26.1	19.9	-3.4	34.2
MS-18	40.9	36.9	36.3	32	29.2	27	21.2	-0.4	35
MS-19	41.6	37.5	37.1	32.8	30.1	27.9	22.6	2.8	35.9
MS-20	42.1	38.2	38	33.7	31.1	29	24.2	6.2	36.8
LS-1	45.3	44.2	44	39.7	37.2	35.2	30.9	14.8	43
LS-2	46.2	45.1	44.9	40.7	38.2	36.4	32.5	18	44
LS-3	47	45.9	45.7	41.5	39.1	37.3	33.7	20.5	44.9
LS-4	51.9	48	45.8	41.6	39.2	37.4	33.9	20.9	45.2
LS-5	51.7	47.8	45.1	40.9	38.4	36.6	32.8	18.6	44.4
LS-6	51.4	47.4	44.3	39.7	37.2	35.3	31	15	43.3
LS-7	51	47	43.9	38.7	36.2	34.1	29.3	11.5	42.3
LS-8	50.5	46.5	43.3	37.8	35.1	32.9	27.6	7.8	41.4
LS-9	50	46	42.8	36.9	34.2	31.9	26.1	4.5	40.6
LS-10	49.4	45.5	42.2	36.1	33.3	30.9	24.6	1	39.8
LS-11	49	45.1	41.8	35.6	32.7	30.3	23.6	-1.4	39.2
LS-12	48.7	44.7	41.5	35.2	32.4	29.9	23	-2.9	38.9
LS-13	42.8	39.8	39.5	35	32.1	29.6	22.5	-4	37.8

LS-14	42.8	39.7	39.4	34.9	32	29.5	22.3	-4.4	37.7
LS-15	43.1	40	39.7	35.2	32.4	29.9	22.9	-2.9	38.1
LS-16	43.5	40.5	40.2	35.8	33	30.6	24.1	-0.3	38.7
LS-17	43.9	41.1	40.8	36.4	33.7	31.3	25.3	2.4	39.4
LS-18	44.4	41.8	41.5	37.2	34.5	32.2	26.6	5.5	40.2
LS-19	44.7	42.5	42.2	37.9	35.3	33.1	27.9	8.4	41
LS-20	45	43.4	43.2	38.9	36.3	34.2	29.5	11.9	42
R2	73.5	71.6	70.4	64.9	61	57.3	50	27.4	67.4
TS-1	50.7	46.8	43.5	35.9	31.2	28.2	18.9	-15.9	39.4
TS-2	52.1	48.2	44.9	37.4	31.7	28.8	19.9	-13.2	40.6
TS-3	54.1	50.3	47.2	39.7	33.8	29.5	21.1	-10.2	42.7
TS-4	57.6	54.3	51.5	44.2	38.4	32.7	22.7	-6.3	46.9
TS-5	60.5	57.9	55.6	48.8	43.2	37.8	27.8	-1.9	51.3
TS-6	62.3	60.2	58.5	52.2	47	41.9	32.5	4.7	54.5
TS-7	63.3	61.5	60.1	54.1	49.2	44.4	35.5	9.5	56.3
TS-8	64	62.2	61	55.1	50.4	45.8	37.3	12.7	57.3
TS-9	65.1	63.9	63.4	58.7	55.4	52.1	45.1	22.6	61.2
TS-10	65.4	64.2	63.8	59.1	55.8	52.6	45.8	24.1	61.6
TS-11	64.9	63.2	62.1	56.5	52	47.5	39.6	17	58.7
TS-12	61.2	58.2	55.7	48.7	43.2	38	29.1	5.5	51.3
TS-13	58.4	55	52.1	44.9	39.2	33.8	25.8	1.2	47.7
TS-14	55.5	51.8	48.7	41.4	35.5	31.1	23.7	-4	44.3
TS-15	55.1	51.4	48.3	40.9	35	30.3	22.4	-7.1	43.8
TS-16	54.6	51	47.8	40.4	34.5	29.7	21.5	-9.2	43.3
TS-17	54.4	50.7	47.5	40.1	34.1	29.3	20.8	-11.1	43
TS-18	50.9	46.9	43.6	36.1	31.8	28.9	20.1	-12.7	39.7
TS-19	50.6	46.7	43.3	35.8	31.5	28.5	19.5	-14.3	39.4
TS-20	50.5	46.5	43.2	35.7	31.3	28.2	19	-15.5	39.2
MS-1	38.9	34.8	32.1	27.5	24.4	21.4	12.2	-22	30.3
MS-2	39.2	35.1	32.5	27.9	24.9	21.9	13.2	-19.5	30.7
MS-3	39.5	35.5	33	28.5	25.5	22.7	14.4	-16.5	31.3
MS-4	39.6	35.6	33.7	29.2	26.3	23.6	15.9	-12.8	32.1
MS-5	39.6	35.5	34.4	29.9	27.1	24.5	17.4	-9.3	32.8
MS-6	39.6	35.5	35	30.6	27.8	25.3	18.7	-6.2	33.5
MS-7	39.8	35.9	35.7	31.3	28.5	26.1	19.9	-3.3	34.2
MS-8	40	36.5	36.2	31.9	29.1	26.9	21	-0.8	34.9
MS-9	40	37	36.7	32.4	29.7	27.5	22	1.3	35.4
MS-10	40.1	37.3	37.1	32.7	30.1	27.9	22.6	2.6	35.8
MS-11	44.9	40.9	37.7	32.7	30	27.8	22.5	2.5	36.1
MS-12	44.6	40.7	37.4	31.7	29	26.7	20.8	-1.4	35.3
MS-13	44.1	40.1	36.9	30.7	27.9	25.4	18.9	-5.8	34.4
MS-14	43.9	40	36.7	29.7	26.8	24.2	16.9	-10.4	33.6
MS-15	42.6	38.6	35.3	29.1	26.2	23.5	15.7	-13.3	32.6
MS-16	42.3	38.2	34.9	28.7	25.7	23	14.9	-15.4	32.2
MS-17	42.1	38.1	34.7	28.4	25.4	22.5	14.1	-17.2	31.9
MS-18	39.1	35	32.6	28.1	25	22.1	13.5	-18.8	30.9
MS-19	38.9	34.8	32.4	27.8	24.7	21.7	12.8	-20.5	30.5
MS-20	38.8	34.8	32.2	27.6	24.5	21.5	12.4	-21.6	30.3
LS-1	42.2	38.1	37.3	32.7	29.6	26.7	17.7	-15.7	35.4
LS-2	42.3	38.2	37.7	33.1	30.1	27.2	18.6	-13.6	35.8
LS-3	42.4	38.6	38.2	33.7	30.7	27.9	19.8	-10.5	36.4
LS-4	42.2	39.1	38.8	34.3	31.4	28.7	21.1	-7.5	37
LS-5	42.1	39.6	39.3	34.8	31.9	29.4	22.1	-4.8	37.6
LS-6	42.1	40.2	39.9	35.5	32.7	30.2	23.4	-1.7	38.4
LS-7	42.3	40.7	40.4	36	33.3	30.9	24.5	0.7	39
LS-8	42.4	41.3	41	36.6	33.9	31.5	25.6	3.2	39.6
LS-9	42.8	41.7	41.4	37.1	34.4	32.1	26.4	5.1	40.1
LS-10	43.1	42	41.7	37.4	34.7	32.5	27	6.3	40.4
LS-11	45.9	41.9	41.7	37.3	34.7	32.4	26.9	6.2	40.4
LS-12	46.1	42	41	36.6	33.9	31.5	25.5	3.1	39.6
LS-13	46	41.9	40	35.6	32.8	30.3	23.7	-1.2	38.6
LS-14	45.7	41.7	39.3	34.8	31.9	29.3	22.1	-5	37.7

LS-15	45.5	41.4	38.8	34.4	31.4	28.8	21.2	-7.1	37.3
LS-16	45.3	41.2	38.4	33.9	31	28.2	20.3	-9.3	36.8
LS-17	45.1	41.1	38.2	33.6	30.6	27.8	19.7	-10.9	36.5
LS-18	42.4	38.3	37.8	33.3	30.3	27.4	19	-12.6	36
LS-19	42.3	38.2	37.6	33	29.9	27	18.3	-14.2	35.7
LS-20	42.2	38.1	37.4	32.8	29.7	26.7	17.9	-15.4	35.4
R3	71.9	70.3	69.4	64.5	61.1	58	49.4	18.4	67.1
TS-1	50.7	46.8	43.5	35.8	29.4	24.4	12.3	-33.3	38.8
TS-2	51.8	48.1	44.8	37.2	30.8	24.8	13	-31.3	40.1
TS-3	53.2	49.7	46.5	39	32.7	26.2	13.9	-28.9	41.8
TS-4	56.3	53.4	50.8	43.5	37.5	31.2	17.4	-25.6	46.1
TS-5	58.6	56.6	54.8	48.4	42.8	37	24	-17.3	50.6
TS-6	59.8	58.3	57.3	51.7	47.1	42.1	30	-9.1	53.8
TS-7	60.5	59.1	58.4	53.4	49.4	45	34	-2.9	55.5
TS-8	61	59.9	59.5	54.9	51.8	48.9	40.1	7.2	57.5
TS-9	61.5	60.3	60	55.4	52.4	49.6	41.2	10	58.1
TS-10	61.8	60.7	60.3	55.8	52.8	50	42	12	58.5
TS-11	62	60.9	60.5	56	53	50.3	42.4	13.1	58.7
TS-12	61.6	60.4	60	55.5	52.5	49.6	41.4	10.4	58.2
TS-13	61	59.8	59.4	54.9	51.8	48.8	40	7	57.5
TS-14	59.8	58.1	56.9	51	46	40.7	28.6	-9.9	53.1
TS-15	56.7	53.8	51.1	43.9	37.9	31.7	18.7	-21.1	46.5
TS-16	54.6	51.2	48.1	40.7	34.5	28.2	15.9	-23.7	43.5
TS-17	52.8	49.2	46	38.4	32.2	25.9	14.9	-26.2	41.3
TS-18	54.9	51.7	48.8	41.4	35.2	28.8	14.5	-28.3	44.1
TS-19	54.4	51.1	48.1	40.6	34.3	27.8	13.3	-30.5	43.4
TS-20	54.4	51.2	48.3	40.8	34.5	27.9	13	-32.2	43.5
MS-1	37.7	33.6	30.1	24.7	21.3	17.6	5.6	-39.3	27.5
MS-2	37.8	33.7	30.2	25	21.6	18	6.2	-37.6	27.8
MS-3	38	33.9	30.4	25.3	22	18.5	7.1	-35.2	28.1
MS-4	37.8	33.7	30.5	25.8	22.5	19.1	8.3	-32.1	28.5
MS-5	37.5	33.4	31	26.4	23.1	19.8	9.6	-28.8	29
MS-6	37.4	33.3	31.5	26.9	23.7	20.5	10.8	-25.7	29.5
MS-7	37.5	33.4	32	27.4	24.2	21.2	12	-22.7	30
MS-8	37.3	33.2	32.4	27.9	24.8	21.9	13	-19.9	30.5
MS-9	37.2	33.3	32.9	28.3	25.3	22.5	14.1	-17.4	31
MS-10	37.4	33.6	33.2	28.7	25.7	23	14.9	-15.4	31.4
MS-11	42.8	38.8	35.5	28.9	25.9	23.2	15.3	-14.4	32.6
MS-12	45.3	41.5	38.2	30.7	25.4	22.6	14.3	-16.8	34
MS-13	37.4	33.3	32.4	27.8	24.7	21.8	12.9	-20.2	30.5
MS-14	37.6	33.5	31.7	27.1	23.9	20.8	11.3	-24.3	29.8
MS-15	38.1	34	31.2	26.6	23.3	20.1	10.1	-27.5	29.2
MS-16	38.2	34.1	30.8	26.1	22.9	19.6	9.1	-30.1	28.8
MS-17	42.7	38.8	35.4	27.7	22.4	19.1	8.2	-32.5	31.1
MS-18	42.2	38.3	34.9	27.2	22.1	18.6	7.4	-34.6	30.6
MS-19	41	37	33.6	25.9	21.7	18.1	6.6	-36.8	29.5
MS-20	40.7	36.7	33.2	25.5	21.4	17.8	5.9	-38.4	29.2
LS-1	40.7	36.6	34.7	29.9	26.5	22.9	11.1	-33.1	32.4
LS-2	40.7	36.5	34.9	30.1	26.7	23.2	11.6	-31.6	32.6
LS-3	40.6	36.4	35.2	30.5	27.1	23.7	12.5	-29.1	33
LS-4	40.2	36.1	35.6	30.9	27.6	24.2	13.5	-26.6	33.4
LS-5	40	36.4	36	31.3	28	24.8	14.5	-24.1	33.8
LS-6	39.9	36.9	36.4	31.8	28.6	25.5	15.7	-21	34.3
LS-7	39.8	37.3	36.9	32.3	29.1	26	16.7	-18.4	34.8
LS-8	39.7	37.7	37.3	32.7	29.6	26.7	17.7	-15.7	35.3
LS-9	39.6	38.1	37.7	33.2	30.1	27.2	18.7	-13.3	35.8
LS-10	42.9	38.8	38.1	33.5	30.5	27.7	19.5	-11.4	36.2
LS-11	43.4	39.3	38.2	33.6	30.7	27.9	19.7	-10.7	36.4
LS-12	45.8	41.8	38.4	33.3	30.2	27.4	18.9	-12.7	36.4
LS-13	39.8	37.7	37.3	32.7	29.6	26.6	17.6	-16	35.3
LS-14	39.9	37.2	36.7	32.1	28.9	25.9	16.3	-19.2	34.7
LS-15	40.4	36.8	36.4	31.7	28.5	25.3	15.4	-21.6	34.2

LS-16	40.8	36.6	35.9	31.3	28	24.7	14.4	-24.3	33.8
LS-17	45.5	41.5	38.1	30.9	27.6	24.3	13.6	-26.4	34.6
LS-18	45.2	41.2	37.8	30.6	27.2	23.8	12.7	-28.7	34.2
LS-19	43.5	39.4	35.9	30.3	26.9	23.4	12	-30.6	33.3
LS-20	43.4	39.3	35.8	30	26.6	23	11.3	-32.4	33
R4	71.1	69.1	67.9	62.6	58.9	55.4	46.4	14.4	65.1
TS-1	53.8	50.3	47.2	39.7	33.4	26.9	13.6	-29.8	42.5
TS-2	51.6	47.9	44.6	36.9	30.5	24.6	12.6	-32.5	39.9
TS-3	56.6	54.4	52.2	45.4	39.4	33	17.8	-31.3	47.7
TS-4	55	52.1	49.3	42	35.7	29.1	13.6	-35.5	44.6
TS-5	54.5	51.4	48.5	41.1	34.8	28.1	12.9	-33.9	43.8
TS-6	51.1	47.4	44	36.4	30	24.7	12.8	-31.9	39.4
TS-7	52.3	48.6	45.4	37.8	31.4	25.3	13.8	-29.2	40.7
TS-8	53.6	50.1	46.9	39.4	33.2	26.8	14.7	-26.7	42.2
TS-9	55.3	52	49.1	41.7	35.6	29.3	15.8	-23.8	44.5
TS-10	56.3	53.2	50.4	43.1	37	30.9	17.8	-20.9	45.7
TS-11	57.7	54.8	52.3	45.2	39.3	33.3	20.9	-17.1	47.7
TS-12	59.3	56.9	54.8	48.1	42.5	36.8	25	-11	50.5
TS-13	61.2	59.9	59.2	54.1	50	45.7	35.3	1.4	56.2
TS-14	61.7	60.5	60.2	55.6	52.6	49.8	41.7	11.1	58.3
TS-15	61.4	60.2	59.8	55.3	52.2	49.4	40.9	9.2	57.9
TS-16	60.9	59.8	59.4	54.8	51.7	48.7	39.7	6.4	57.4
TS-17	60.2	58.7	57.8	52.3	47.9	43	31.3	-6.4	54.4
TS-18	59	57	55.3	48.9	43.4	37.7	25	-14.8	51.1
TS-19	57.5	54.9	52.5	45.5	39.6	33.5	20.1	-21.9	48
TS-20	55.9	52.8	50.1	42.8	36.7	30.3	16.4	-26.1	45.4
MS-1	37.6	33.5	30	25.2	21.8	18.3	6.8	-36.2	27.9
MS-2	37.5	33.4	29.9	24.8	21.4	17.8	5.8	-38.7	27.5
MS-3	43.7	39.9	36.5	28.8	22.4	17.4	5.2	-40.5	31.8
MS-4	42.3	38.4	35	27.3	20.9	17.2	4.8	-41.6	30.4
MS-5	42.2	38.2	34.8	27.1	21.1	17.4	5.3	-40.2	30.3
MS-6	37.5	33.4	29.9	24.9	21.5	17.9	6.1	-38.1	27.6
MS-7	37.7	33.6	30.1	25.3	21.9	18.4	7	-35.6	28
MS-8	37.8	33.7	30.4	25.7	22.3	18.9	7.9	-33.1	28.3
MS-9	37.8	33.7	30.8	26.1	22.8	19.5	9	-30.3	28.8
MS-10	37.5	33.4	31.2	26.6	23.4	20.1	10.1	-27.4	29.2
MS-11	36.9	32.8	31.8	27.1	24	20.9	11.4	-24	29.7
MS-12	36.7	32.8	32.4	27.8	24.7	21.7	12.8	-20.4	30.4
MS-13	36.9	33.2	32.8	28.3	25.2	22.3	13.9	-17.8	30.9
MS-14	46.4	42.6	39.4	31.9	25.9	22.7	14.4	-16.4	35
MS-15	48.1	44.5	41.4	34	28	22.3	13.8	-18	36.8
MS-16	37.2	33.1	32.3	27.8	24.7	21.7	12.8	-20.6	30.4
MS-17	37.2	33.1	31.8	27.2	24.1	21	11.6	-23.5	29.9
MS-18	37.4	33.3	31.4	26.7	23.5	20.3	10.4	-26.6	29.3
MS-19	37.5	33.3	30.9	26.2	22.9	19.6	9.2	-29.8	28.8
MS-20	37.5	33.4	30.4	25.7	22.4	18.9	8	-32.9	28.3
LS-1	40.1	36	35	30.3	26.9	23.4	12	-30.5	32.7
LS-2	40.3	36.2	34.8	30	26.6	23	11.3	-32.5	32.4
LS-3	45.9	41.9	38.4	30.7	26.3	22.6	10.6	-34.4	34.3
LS-4	44.8	40.7	37.3	29.6	26.1	22.4	10.2	-35.3	33.4
LS-5	44.8	40.7	37.3	29.8	26.3	22.6	10.6	-34.3	33.5
LS-6	40.5	36.3	34.8	30.1	26.6	23.1	11.4	-32.1	32.5
LS-7	40.5	36.3	35.1	30.4	27	23.6	12.3	-29.8	32.9
LS-8	40.4	36.2	35.5	30.8	27.5	24.1	13.3	-27.2	33.3
LS-9	40.2	36.3	35.9	31.2	27.9	24.6	14.2	-24.8	33.7
LS-10	39.7	36.8	36.3	31.7	28.5	25.3	15.4	-21.8	34.2
LS-11	39.2	37.2	36.7	32.1	28.9	25.8	16.3	-19.3	34.7
LS-12	39.1	37.6	37.2	32.6	29.5	26.5	17.4	-16.4	35.2
LS-13	39.3	38	37.6	33.1	30	27.1	18.5	-13.9	35.7
LS-14	44.9	40.8	37.8	33.3	30.3	27.4	19	-12.6	36.1
LS-15	45.2	41.1	37.8	33.1	30	27.1	18.5	-13.9	36
LS-16	39.6	37.6	37.2	32.6	29.5	26.5	17.5	-16.3	35.2

LS-17	39.7	37.2	36.8	32.2	29	25.9	16.4	-19	34.7
LS-18	39.8	36.7	36.3	31.6	28.4	25.2	15.3	-22	34.2
LS-19	39.9	36.3	35.9	31.2	27.9	24.6	14.2	-24.9	33.7
LS-20	40	35.9	35.4	30.7	27.3	23.9	13	-28.1	33.1
R5	72	70.5	69.8	65	61.7	58.5	49.3	16.5	67.5
TS-1	58.2	56.1	54.3	47.7	42.1	36.1	22.7	-19.9	49.9
TS-2	54.9	51.7	48.7	41.3	35.1	28.7	14.4	-28	44
TS-3	52.9	49.3	46.1	38.5	32.2	25.6	13	-31.2	41.4
TS-4	51.3	47.5	44.2	36.6	30.1	24.3	12	-34	39.5
TS-5	51.1	47.3	44	36.3	29.8	24.3	12.1	-33.8	39.3
TS-6	51.1	47.4	44.1	36.4	30	24.5	12.4	-32.8	39.4
TS-7	51.4	47.6	44.4	36.7	30.3	24.9	13	-31.2	39.7
TS-8	58.6	57.4	56.9	52.1	48.7	45.2	33.6	-9.7	54.5
TS-9	58.9	57.6	57.1	52.4	49	45.5	34.3	-7.9	54.8
TS-10	59.1	57.9	57.4	52.7	49.4	46	35	-5.9	55.1
TS-11	56.6	53.6	50.9	43.7	37.7	31.5	18.1	-22.7	46.3
TS-12	58.7	56.5	54.4	47.7	42	36.2	23.7	-15.2	50
TS-13	60.9	59.7	59.3	54.7	51.6	48.6	39.7	6.1	57.3
TS-14	61.5	60.3	59.9	55.4	52.4	49.5	41.2	10	58.1
TS-15	61.5	60.4	60	55.4	52.4	49.6	41.3	10.2	58.1
TS-16	61.4	60.2	59.8	55.3	52.2	49.4	40.9	9.2	57.9
TS-17	61	59.9	59.5	54.9	51.8	48.9	40.1	7.3	57.5
TS-18	60.7	59.5	59.1	54.5	51.4	48.4	39.3	5.2	57.1
TS-19	60.3	59.1	58.7	54.1	50.9	47.8	38.3	2.6	56.6
TS-20	59.8	58.6	58	53.1	49.4	45.4	34.1	-5.1	55.3
MS-1	37.1	33	30.7	26.1	22.8	19.4	8.9	-30.6	28.7
MS-2	37.6	33.5	30.2	25.5	22.1	18.6	7.5	-34.4	28.1
MS-3	37.6	33.5	30	25	21.6	18	6.3	-37.6	27.7
MS-4	37.5	33.4	29.8	24.6	21.1	17.5	5.3	-40.1	27.4
MS-5	37.5	33.4	29.9	24.7	21.2	17.5	5.4	-39.9	27.4
MS-6	37.6	33.4	29.9	24.8	21.3	17.7	5.8	-38.9	27.5
MS-7	37.7	33.5	30	25	21.6	18	6.3	-37.5	27.7
MS-8	45.7	42.1	38.9	31.3	25	18.5	6.9	-35.9	34.2
MS-9	45.9	42.3	39.1	31.5	25.2	18.8	7.6	-34.1	34.4
MS-10	46.2	42.5	39.4	31.8	25.6	19.2	8.3	-32.1	34.7
MS-11	37.8	33.7	30.9	26.3	23	19.7	9.4	-29.3	28.9
MS-12	45.5	41.8	38.5	31	24.9	20.7	11.1	-25	34
MS-13	48.5	45	42	34.6	28.6	22.7	12.6	-20.9	37.4
MS-14	48.8	45.3	42.3	34.9	29	23.2	14	-17.5	37.7
MS-15	36.5	33.3	32.9	28.4	25.3	22.5	14.1	-17.2	31
MS-16	36.5	33.1	32.7	28.2	25.1	22.2	13.7	-18.3	30.8
MS-17	36.7	32.8	32.4	27.8	24.8	21.8	13	-20.1	30.5
MS-18	36.6	32.5	32.1	27.5	24.3	21.3	12.2	-22.2	30.1
MS-19	36.5	32.4	31.7	27.1	23.9	20.8	11.2	-24.6	29.6
MS-20	36.7	32.6	31.2	26.6	23.4	20.2	10.1	-27.4	29.2
LS-1	39.4	36.3	35.8	31.1	27.8	24.5	14	-25.4	33.6
LS-2	39.9	35.8	35.3	30.6	27.3	23.8	12.8	-28.5	33
LS-3	40.2	36.1	34.9	30.1	26.7	23.2	11.6	-31.7	32.6
LS-4	40.3	36.2	34.6	29.8	26.4	22.7	10.8	-33.9	32.2
LS-5	40.4	36.2	34.6	29.8	26.4	22.8	10.8	-33.7	32.3
LS-6	40.4	36.3	34.7	30	26.5	23	11.2	-32.7	32.4
LS-7	40.5	36.3	34.9	30.2	26.8	23.3	11.8	-31.3	32.6
LS-8	46.2	42.2	38.8	31.1	27.1	23.6	12.4	-29.7	34.8
LS-9	46.2	42.2	38.8	31.1	27.3	23.9	12.9	-28.1	34.9
LS-10	46.2	42.1	38.7	31.1	27.7	24.4	13.7	-26	34.9
LS-11	46.1	42	38.6	31.3	28.1	24.8	14.5	-23.9	35.1
LS-12	45.9	41.8	38.4	31.9	28.7	25.6	15.9	-20.4	35.4
LS-13	45.4	41.4	38	32.6	29.5	26.5	17.4	-16.4	35.7
LS-14	45	41	37.7	33.1	30.1	27.2	18.6	-13.6	36
LS-15	39.2	38.1	37.7	33.1	30.1	27.2	18.6	-13.5	35.8
LS-16	39.1	37.9	37.5	33	29.9	27	18.2	-14.5	35.6
LS-17	39	37.7	37.2	32.7	29.6	26.6	17.6	-16.1	35.3

LS-18	39	37.3	36.9	32.3	29.2	26.1	16.8	-18.1	34.9
LS-19	38.9	37	36.6	31.9	28.8	25.6	16	-20.2	34.5
LS-20	39.1	36.6	36.1	31.5	28.2	25	14.9	-23	34
R6b	74.4	72.2	70.6	64.5	59.8	55.6	48.3	27.9	66.9
TS-1	59.6	56.3	53.4	46.3	40.7	35.4	27.4	4.8	49.1
TS-2	54.8	51	47.8	40.5	34.7	32.1	25.3	0	43.6
TS-3	52.6	48.7	45.4	38	33.7	31.1	23.8	-3.7	41.6
TS-4	50.9	46.9	43.6	36.1	32.9	30.2	22.3	-7.4	40.1
TS-5	50.3	46.3	43	35.8	32.8	30.1	22.1	-7.9	39.7
TS-6	50.2	46.2	42.9	35.9	32.9	30.2	22.2	-7.5	39.7
TS-7	50.3	46.3	43	36.1	33.1	30.4	22.6	-6.7	39.9
TS-8	50.5	46.6	43.3	36.2	33.3	30.6	22.9	-5.8	40.1
TS-9	50.9	46.9	43.7	36.4	33.5	30.8	23.3	-4.9	40.4
TS-10	51.4	47.5	44.2	36.8	33.7	31.1	23.8	-3.7	40.8
TS-11	52.5	48.5	45.3	37.9	34.3	31.7	24.8	-1.4	41.7
TS-12	54.8	51	47.8	40.5	35.5	33.1	26.9	3.6	43.8
TS-13	64.8	63.3	62.5	57.2	53.1	48.9	41.1	17.8	59.5
TS-14	63.5	60.8	58.4	51.5	46.2	41.3	33.6	13.7	54.1
TS-15	66.1	64.3	62.9	56.9	52.2	47.7	40.5	21	59.2
TS-16	66.1	64.2	62.7	56.6	51.9	47.3	40.2	20.9	59
TS-17	65.4	63.3	61.5	55.2	50.2	45.5	38.1	18.3	57.6
TS-18	65.1	63	61.3	54.9	50	45.2	37.7	17.1	57.3
TS-19	64	61.6	59.6	53	47.8	42.9	35	13.1	55.5
TS-20	62.4	59.7	57.3	50.4	45	40	31.6	8.7	53
MS-1	40.5	36.5	36	31.6	28.9	26.5	20.6	-1.9	34.6
MS-2	40.3	36.3	35	30.6	27.8	25.3	18.7	-6.2	33.5
MS-3	39.8	35.8	34.2	29.8	26.9	24.3	17	-10.1	32.7
MS-4	39.3	35.2	33.6	29.1	26.2	23.4	15.7	-13.4	31.9
MS-5	39.2	35.1	33.5	29	26.1	23.3	15.5	-13.8	31.8
MS-6	39.1	35.1	33.6	29.1	26.1	23.4	15.6	-13.5	31.9
MS-7	39.2	35.1	33.7	29.3	26.3	23.6	16	-12.7	32.1
MS-8	39.3	35.3	33.9	29.4	26.5	23.8	16.3	-11.8	32.3
MS-9	39.5	35.4	34.1	29.6	26.7	24.1	16.7	-10.9	32.5
MS-10	39.7	35.7	34.3	29.9	27	24.4	17.2	-9.7	32.7
MS-11	40.1	36	34.7	30.3	27.5	24.9	18.1	-7.6	33.2
MS-12	40.7	36.6	35.7	31.3	28.6	26.2	20.1	-3	34.3
MS-13	41.2	37.1	36.8	32.5	29.8	27.6	22.2	1.8	35.6
MS-14	41.2	38.3	38.1	33.8	31.2	29.1	24.4	6.6	37
MS-15	41.1	38.8	38.6	34.3	31.8	29.8	25.3	8.6	37.6
MS-16	41.2	38.9	38.7	34.4	31.9	29.9	25.5	8.9	37.7
MS-17	41.2	38.7	38.5	34.2	31.6	29.6	25.1	8.1	37.4
MS-18	41	38.3	38.1	33.7	31.2	29.1	24.4	6.5	36.9
MS-19	40.8	37.7	37.5	33.2	30.6	28.4	23.4	4.4	36.3
MS-20	40.7	37.1	36.8	32.5	29.8	27.6	22.1	1.6	35.5
LS-1	43.2	41.3	41	36.6	33.9	31.6	25.6	3.2	39.6
LS-2	43.2	40.5	40.2	35.8	33	30.5	24	-0.4	38.7
LS-3	43	39.7	39.4	34.9	32.1	29.5	22.4	-4.3	37.8
LS-4	42.8	39.2	38.9	34.4	31.4	28.8	21.2	-7.1	37.1
LS-5	42.7	39.1	38.8	34.3	31.4	28.7	21.1	-7.5	37.1
LS-6	42.7	39.2	38.9	34.4	31.4	28.8	21.2	-7	37.1
LS-7	42.8	39.4	39	34.5	31.6	29	21.6	-6.2	37.3
LS-8	42.9	39.5	39.2	34.7	31.8	29.2	21.9	-5.4	37.5
LS-9	43	39.7	39.3	34.9	32	29.4	22.2	-4.6	37.7
LS-10	43.1	39.9	39.6	35.1	32.3	29.8	22.8	-3.3	38
LS-11	43.3	40.2	39.9	35.5	32.7	30.2	23.5	-1.7	38.4
LS-12	43.6	41	40.8	36.4	33.6	31.2	25.1	2.1	39.3
LS-13	43.8	42.1	41.9	37.5	34.9	32.7	27.2	6.9	40.6
LS-14	44.2	43.1	42.9	38.6	36	33.9	29	10.8	41.7
LS-15	44.5	43.4	43.2	38.9	36.4	34.3	29.7	12.2	42.1
LS-16	44.6	43.5	43.3	39	36.5	34.4	29.8	12.5	42.2
LS-17	44.4	43.3	43.1	38.8	36.2	34.2	29.4	11.7	42
LS-18	44	42.9	42.7	38.4	35.8	33.7	28.8	10.3	41.6

LS-19	43.6	42.5	42.3	37.9	35.3	33.1	27.9	8.5	41
LS-20	43.2	41.9	41.6	37.2	34.6	32.3	26.7	5.8	40.3
R7b	76.4	74.6	73.7	69	66.1	63.8	59.2	43.8	72.1
TS-1	68.7	67.7	67.5	63.3	60.8	59	55.4	41.8	66.7
TS-2	67.4	66.3	66.1	61.8	59.3	57.4	53.1	37.3	65.1
TS-3	66.1	65	64.8	60.5	57.9	55.8	50.9	32.6	63.7
TS-4	64.8	63.7	63.5	59.1	56.4	54.2	48.5	27.2	62.1
TS-5	64.1	63	62.7	58.3	55.6	53.2	47	23.9	61.3
TS-6	63.2	61.7	60.7	55.1	50.6	46.1	37	10	57.3
TS-7	62.7	61.2	60.1	54.4	49.8	45.1	35.7	7.5	56.5
TS-8	61.6	59.4	57.6	51.1	45.8	40.6	30.7	1.3	53.4
TS-9	49.4	45.4	42.1	36.6	33.7	31.1	23.7	-3.9	39.9
TS-10	49.3	45.3	42	36.3	33.4	30.7	23.1	-5.3	39.7
TS-11	49.4	45.4	42.1	36.2	33.2	30.6	22.8	-6	39.6
TS-12	50.6	46.6	43.4	36.7	33.8	31.2	23.8	-3.6	40.4
TS-13	52.2	48.2	45	37.6	34.4	31.9	25	-0.9	41.6
TS-14	55.5	51.7	48.6	41.3	35.5	32.9	26.5	2.8	44.4
TS-15	58.3	54.8	51.8	44.5	38.9	34.1	28.4	7	47.4
TS-16	60.3	56.9	54	46.9	41.4	36.3	29.9	10.4	49.7
TS-17	61.5	58.1	55.3	48.3	42.8	37.8	31.6	14	51.1
TS-18	63.1	59.9	57.2	50.2	44.9	40	33	17	53
TS-19	65.1	62.2	59.8	53	47.8	43	36.2	20	55.7
TS-20	65.6	62.8	60.4	53.6	48.4	43.7	37.1	21.8	56.2
MS-1	53.7	50	47	39.8	34.4	31.9	28.3	14.6	43
MS-2	52.5	48.8	45.8	38.6	33.1	30.5	26.3	10.5	41.8
MS-3	51.1	47.4	44.3	37.1	31.5	28.9	24	5.8	40.3
MS-4	49.6	45.9	42.8	35.5	29.9	27.4	21.8	0.9	38.7
MS-5	48.6	44.8	41.7	34.4	28.8	26.5	20.5	-2.1	37.6
MS-6	47.8	44	40.9	33.5	28.2	25.8	19.5	-4.3	36.8
MS-7	47.2	43.3	40.2	32.8	27.8	25.3	18.6	-6.3	36.2
MS-8	46.6	42.7	39.6	32.2	27.3	24.8	17.9	-8.1	35.6
MS-9	39.3	35.2	34.3	29.8	26.9	24.3	17.1	-9.9	32.7
MS-10	39.2	35.1	34	29.5	26.6	24	16.5	-11.3	32.4
MS-11	39.2	35.1	33.9	29.4	26.5	23.8	16.2	-12	32.2
MS-12	39.7	35.6	34.3	29.8	27	24.4	17.2	-9.8	32.7
MS-13	40.3	36.2	34.9	30.4	27.6	25.1	18.4	-7	33.4
MS-14	40.9	36.9	35.6	31.2	28.4	26.1	19.8	-3.5	34.2
MS-15	41.3	37.2	36.5	32.1	29.4	27.1	21.4	0.2	35.2
MS-16	41.6	37.5	37.3	33	30.3	28.2	23	3.6	36.1
MS-17	42	38.4	38.2	33.9	31.3	29.3	24.6	7	37.1
MS-18	42.2	39.2	39	34.8	32.2	30.3	26	10	38.1
MS-19	42.5	40.1	39.9	35.6	33.1	31.3	27.4	12.8	39
MS-20	42.8	40.6	40.4	36.2	33.7	31.9	28.3	14.6	39.6
LS-1	51.3	47.3	45	40.8	38.3	36.5	32.6	18.3	44.3
LS-2	51.1	47.1	44	39.8	37.2	35.3	31	15	43.2
LS-3	50.8	46.8	43.6	38.4	35.8	33.7	28.8	10.4	42
LS-4	50.3	46.4	43.2	37.4	34.7	32.5	27	6.4	41.1
LS-5	50.1	46.1	42.9	36.8	34.1	31.8	26	4.1	40.5
LS-6	49.7	45.7	42.5	36.3	33.5	31.2	25	1.8	40
LS-7	49.4	45.4	42.2	35.9	33.1	30.7	24.2	0	39.6
LS-8	43.4	40.2	39.9	35.5	32.6	30.2	23.4	-1.9	38.3
LS-9	43.2	39.9	39.5	35.1	32.2	29.7	22.7	-3.6	37.9
LS-10	43	39.6	39.3	34.8	31.9	29.3	22	-5.1	37.6
LS-11	43	39.5	39.2	34.7	31.8	29.2	21.9	-5.5	37.5
LS-12	43.3	39.8	39.5	35.1	32.2	29.7	22.6	-3.7	37.9
LS-13	43.7	40.4	40.1	35.7	32.9	30.4	23.8	-0.8	38.6
LS-14	43.9	41	40.7	36.3	33.6	31.2	25.1	2	39.3
LS-15	44	41.6	41.4	37	34.3	32	26.3	4.8	40
LS-16	44.3	42.4	42.2	37.9	35.2	33.1	27.8	8.3	41
LS-17	44.6	43.2	43	38.6	36.1	34	29.2	11.2	41.8
LS-18	45.1	44	43.8	39.5	37	35	30.6	14.1	42.7
LS-19	45.8	44.7	44.5	40.2	37.7	35.8	31.8	16.6	43.5

LS-20	46.3	45.2	45	40.8	38.3	36.4	32.6	18.2	44.1
R8	71.6	70.1	69.4	64.6	61.3	58	47.9	11.5	67.1
TS-1	60.6	59.4	59	54.4	51.2	48.2	38.9	4.2	56.9
TS-2	60	58.8	58.3	53.7	50.5	47.3	37.3	0.1	56.2
TS-3	59.4	58.2	57.7	53	49.7	46.4	35.8	-3.9	55.5
TS-4	58.8	57.5	57	52.3	48.9	45.4	34	-8.7	54.7
TS-5	58.4	57.2	56.6	51.8	48.4	44.8	32.9	-11.7	54.2
TS-6	58.2	56.9	56.4	51.6	48.1	44.4	32.2	-13.5	53.9
TS-7	52.8	49.3	46.1	38.5	32.1	25.4	11.6	-35.1	41.4
TS-8	52.5	49	45.8	38.2	31.7	25	11.1	-36.5	41
TS-9	52.3	48.7	45.5	37.9	31.4	24.6	10.6	-37.8	40.8
TS-10	52.2	48.7	45.5	37.8	31.3	24.5	10.3	-38.6	40.7
TS-11	52.7	49.2	46	38.4	31.9	25.1	10.3	-38.5	41.2
TS-12	54.2	51	48.1	40.6	34.3	27.6	12.1	-35.4	43.3
TS-13	56.1	53.4	50.9	43.8	37.7	31.2	16.3	-31.4	46.3
TS-14	58.8	57.5	56.9	51.9	48.1	43.9	31.4	-12.4	54.1
TS-15	59.4	58.1	57.7	53	49.7	46.3	35.7	-4.2	55.4
TS-16	59.7	58.5	58.1	53.4	50.1	46.9	36.7	-1.6	55.9
TS-17	60	58.9	58.4	53.8	50.6	47.4	37.6	0.7	56.3
TS-18	60.3	59.1	58.7	54.1	50.9	47.8	38.3	2.5	56.6
TS-19	60.5	59.4	58.9	54.3	51.2	48.2	38.9	4.1	56.9
TS-20	60.7	59.5	59.1	54.5	51.3	48.3	39.1	4.8	57
MS-1	48.6	45.2	42.3	34.9	28.9	22.9	11.7	-23.3	37.7
MS-2	48.4	45.1	42.2	34.8	28.7	22.6	10.3	-26.9	37.5
MS-3	48	44.7	41.8	34.3	28.2	21.9	8.8	-31	37.1
MS-4	47.5	44.1	41.1	33.7	27.4	21	7.1	-35.3	36.4
MS-5	47	43.6	40.6	33.1	26.8	20.3	6.1	-37.9	35.9
MS-6	46.6	43.2	40.2	32.6	26.3	19.7	5.4	-39.8	35.4
MS-7	37.8	33.7	30.1	24.5	20.9	17.2	4.9	-41.3	27.4
MS-8	37.7	33.6	30.1	24.3	20.7	17	4.4	-42.7	27.2
MS-9	37.6	33.5	30	24.1	20.5	16.7	3.9	-43.9	27.1
MS-10	37.6	33.5	29.9	24	20.4	16.6	3.6	-44.7	27
MS-11	37.6	33.4	29.9	24	20.4	16.6	3.6	-44.7	26.9
MS-12	37.6	33.4	29.9	24.4	20.9	17.1	4.7	-41.9	27.2
MS-13	37.4	33.2	29.7	24.9	21.4	17.8	5.9	-38.5	27.5
MS-14	36.6	32.5	30.2	25.4	22.1	18.6	7.4	-34.6	28
MS-15	36.2	32.1	30.6	25.9	22.6	19.3	8.6	-31.4	28.5
MS-16	35.9	31.8	31	26.3	23.1	19.8	9.6	-28.8	28.9
MS-17	35.9	31.8	31.3	26.7	23.5	20.3	10.4	-26.7	29.2
MS-18	36.1	32.1	31.6	27	23.8	20.7	11.1	-24.9	29.6
MS-19	35.8	32.3	31.9	27.3	24.1	21	11.7	-23.4	29.8
MS-20	35.9	32.4	32	27.4	24.2	21.2	11.9	-22.7	30
LS-1	44.6	40.5	37.1	32.1	28.9	25.8	16.3	-19.4	35
LS-2	45.1	41	37.6	31.6	28.4	25.2	15.2	-22.3	34.8
LS-3	45.6	41.6	38.2	30.9	27.6	24.3	13.6	-26.4	34.6
LS-4	45.9	41.9	38.5	30.8	27	23.5	12.3	-29.8	34.5
LS-5	46.1	42.1	38.7	31	26.7	23.1	11.5	-31.8	34.6
LS-6	46.3	42.3	38.8	31.1	26.4	22.7	10.8	-33.8	34.6
LS-7	40.3	36.2	34.4	29.6	26.1	22.5	10.3	-35.1	32.1
LS-8	40.3	36.1	34.2	29.4	25.9	22.2	9.8	-36.5	31.9
LS-9	40.3	36.1	34.1	29.3	25.7	22	9.4	-37.7	31.7
LS-10	40.2	36.1	34	29.2	25.6	21.8	9.1	-38.5	31.6
LS-11	40.1	36	34	29.2	25.6	21.8	9.1	-38.5	31.6
LS-12	39.9	35.8	34.3	29.5	26	22.3	10	-36.1	31.9
LS-13	39.5	35.3	34.7	30	26.5	23	11.2	-32.7	32.4
LS-14	38.8	35.7	35.2	30.5	27.1	23.6	12.4	-29.5	32.9
LS-15	38.5	36	35.5	30.8	27.5	24.1	13.3	-27.2	33.2
LS-16	38.3	36.4	35.9	31.2	27.9	24.7	14.3	-24.6	33.7
LS-17	38.3	36.6	36.2	31.5	28.3	25.1	15	-22.8	34
LS-18	38.4	36.9	36.5	31.8	28.6	25.5	15.7	-21	34.3
LS-19	38.3	37.1	36.7	32	28.9	25.8	16.2	-19.7	34.6
LS-20	38.4	37.2	36.8	32.2	29	25.9	16.4	-19	34.7

R9	72.2	70.7	70	65.1	61.8	58.5	48.8	14.3	67.6
TS-1	61.3	60.1	59.7	55.2	52.1	49.2	40.7	8.7	57.8
TS-2	60.9	59.7	59.3	54.7	51.6	48.7	39.7	6.2	57.3
TS-3	60.4	59.2	58.8	54.2	51	47.9	38.4	3	56.7
TS-4	59.8	58.6	58.1	53.4	50.2	46.9	36.8	-1.3	55.9
TS-5	58.1	56	54.1	47.5	41.8	35.8	22.2	-21	49.7
TS-6	56.3	53.4	50.8	43.6	37.5	31.2	17	-27.6	46.2
TS-7	54.6	51.4	48.4	41	34.7	28.3	13.6	-30.2	43.7
TS-8	58.3	57.1	56.5	51.7	48.3	44.6	32.6	-12.4	54.1
TS-9	58	56.8	56.2	51.4	47.9	44.2	31.7	-14.7	53.7
TS-10	57.8	56.6	56	51.2	47.6	43.8	31.1	-16.5	53.4
TS-11	57.7	56.4	55.8	51	47.4	43.6	30.7	-17.6	53.3
TS-12	53.1	49.7	46.6	39	32.6	25.9	11.3	-35.8	41.8
TS-13	54.5	51.3	48.4	41	34.6	28.1	12.9	-33.5	43.7
TS-14	57.1	54.8	52.7	45.9	40.1	33.8	19.3	-27.3	48.2
TS-15	58.8	57.3	56.4	50.9	46.4	41.2	28	-15.8	52.9
TS-16	59.5	58.3	57.8	53.1	49.8	46.4	35.8	-3.7	55.5
TS-17	59.9	58.7	58.3	53.6	50.4	47.2	37.2	-0.2	56.1
TS-18	60.3	59.1	58.7	54.1	50.9	47.8	38.3	2.6	56.6
TS-19	60.7	59.6	59.2	54.6	51.5	48.5	39.4	5.4	57.2
TS-20	61.1	59.9	59.5	54.9	51.9	49	40.2	7.5	57.6
MS-1	49.5	46.1	43.2	35.9	30	24.1	13.4	-18.9	38.7
MS-2	37.2	33.1	32.3	27.7	24.6	21.6	12.6	-21.1	30.3
MS-3	36.9	32.8	31.7	27.1	23.9	20.9	11.3	-24.2	29.7
MS-4	37.2	33.1	31.1	26.5	23.2	20	9.8	-28.2	29.1
MS-5	38	33.9	30.6	25.9	22.6	19.3	8.6	-31.4	28.6
MS-6	38.3	34.2	30.8	25.5	22.2	18.7	7.6	-34.1	28.4
MS-7	38.4	34.3	30.9	25.2	21.7	18.2	6.7	-36.5	28.1
MS-8	47.4	44.1	41.2	33.7	27.4	20.9	6	-38.8	36.4
MS-9	47.1	43.8	40.8	33.3	27	20.4	5.1	-40.9	36.1
MS-10	46.8	43.6	40.5	33	26.6	20	4.4	-42.7	35.8
MS-11	46.7	43.4	40.4	32.9	26.4	19.7	4	-43.8	35.6
MS-12	38.2	34.1	30.6	24.3	20.8	17.1	4.6	-42.2	27.5
MS-13	38.2	34.1	30.6	24.7	21.2	17.5	5.4	-39.8	27.7
MS-14	37.8	33.7	30.2	25.1	21.7	18.1	6.6	-36.8	27.9
MS-15	37.5	33.3	30.3	25.6	22.3	18.8	7.8	-33.5	28.2
MS-16	37.3	33.2	30.8	26.1	22.8	19.5	9	-30.4	28.7
MS-17	37.2	33.1	31.2	26.6	23.4	20.1	10.1	-27.4	29.2
MS-18	37	32.9	31.7	27	23.9	20.8	11.2	-24.6	29.7
MS-19	36.8	32.7	32.1	27.5	24.4	21.4	12.2	-22	30.1
MS-20	37	32.9	32.4	27.9	24.8	21.9	13	-19.9	30.5
LS-1	45	40.9	37.5	32.8	29.7	26.8	17.9	-15.2	35.7
LS-2	45.6	41.5	38.2	32.5	29.4	26.4	17.2	-17	35.7
LS-3	39.3	37	36.6	32	28.8	25.7	16	-20.1	34.5
LS-4	39.5	36.6	36.1	31.5	28.2	25	14.8	-23.2	33.9
LS-5	40.1	36.2	35.7	31.1	27.8	24.4	13.9	-25.6	33.5
LS-6	40.6	36.5	35.4	30.6	27.3	23.9	12.8	-28.4	33.1
LS-7	40.9	36.8	35	30.3	26.9	23.4	12	-30.5	32.8
LS-8	47.2	43.2	39.8	32.1	26.5	22.9	11.2	-32.8	35.4
LS-9	47.1	43.2	39.8	32.1	26.2	22.5	10.4	-34.9	35.3
LS-10	47.1	43.2	39.8	32	25.9	22.2	9.7	-36.7	35.2
LS-11	47.1	43.2	39.7	32	25.8	22	9.5	-37.4	35.2
LS-12	40.8	36.7	34.3	29.5	26	22.3	10	-36.1	32
LS-13	40.6	36.4	34.6	29.8	26.4	22.7	10.8	-33.7	32.3
LS-14	40.1	36	34.9	30.2	26.8	23.2	11.7	-31.3	32.6
LS-15	39.8	35.8	35.3	30.6	27.2	23.8	12.7	-28.8	33
LS-16	39.6	36.2	35.7	31	27.8	24.4	13.8	-25.7	33.5
LS-17	39.5	36.6	36.1	31.5	28.2	25	14.9	-23.1	34
LS-18	39.3	37	36.6	31.9	28.7	25.6	15.9	-20.3	34.5
LS-19	39.2	37.4	36.9	32.3	29.2	26.1	16.8	-18	34.9
LS-20	45.4	41.3	38	32.7	29.6	26.6	17.6	-15.9	35.7

R10	68.7	65.7	63.1	56	50.3	44.7	32.7	-4.9	58.6
TS-1	57.9	55.6	53.5	46.7	40.9	34.9	21.5	-20.8	49
TS-2	58.4	56.1	53.9	47.1	41.4	35.5	22.9	-16.8	49.5
TS-3	58.5	56	53.7	46.8	41	35.2	23	-14.6	49.2
TS-4	58.2	55.3	52.7	45.7	39.8	34	22.2	-13.2	48.2
TS-5	57	53.8	51	43.8	37.9	31.9	20	-14.3	46.5
TS-6	56	52.6	49.7	42.3	36.3	30.3	18.7	-16.3	45.1
TS-7	54.9	51.5	48.4	41	34.9	28.8	17.7	-19	43.8
TS-8	54.1	50.5	47.4	39.9	33.7	27.5	16.6	-21.7	42.7
TS-9	53.2	49.6	46.4	38.9	32.6	26.3	15.4	-24.8	41.7
TS-10	52.5	48.9	45.6	38	31.7	25.5	14.3	-27.9	40.9
TS-11	51.9	48.2	44.9	37.3	30.9	24.8	12.9	-31.7	40.2
TS-12	51.6	47.9	44.6	37	30.5	24.1	11.6	-35.1	39.9
TS-13	51.6	47.9	44.6	36.9	30.4	23.6	10.7	-37.4	39.8
TS-14	51.7	48.1	44.8	37.2	30.6	23.8	10.1	-39.3	40.1
TS-15	52.3	48.8	45.6	38	31.5	24.7	10.5	-38.2	40.8
TS-16	53	49.6	46.4	38.9	32.4	25.7	11.1	-36.5	41.7
TS-17	53.8	50.5	47.5	40	33.6	27	11.9	-34.3	42.8
TS-18	54.2	50.9	47.9	40.4	34.1	27.5	12.7	-32.1	43.2
TS-19	55.7	52.8	50.1	42.8	36.6	30.2	15.7	-29.6	45.4
TS-20	56.8	54.1	51.6	44.5	38.5	32.3	18.2	-26.3	47
MS-1	37	32.9	30.8	26.1	22.8	19.5	9	-30.2	28.7
MS-2	36.7	32.6	31.4	26.8	23.6	20.4	10.5	-26.3	29.3
MS-3	46.6	42.9	39.7	32.2	26.1	21.1	11.8	-23	35.1
MS-4	46.5	42.7	39.5	32	26	21.6	12.7	-20.8	35
MS-5	36.7	32.6	32.1	27.6	24.4	21.4	12.3	-21.7	30.2
MS-6	36.5	32.4	31.8	27.2	24.1	21	11.6	-23.7	29.8
MS-7	36.7	32.6	31.4	26.8	23.6	20.4	10.6	-26.2	29.4
MS-8	36.9	32.8	31	26.3	23.1	19.8	9.5	-28.9	28.9
MS-9	36.9	32.8	30.6	25.9	22.5	19.2	8.4	-31.9	28.4
MS-10	37.1	33	30.1	25.4	22	18.5	7.2	-34.9	28
MS-11	37.5	33.4	29.9	24.9	21.4	17.8	6	-38.3	27.6
MS-12	37.9	33.8	30.3	24.5	20.9	17.2	4.9	-41.4	27.4
MS-13	37.9	33.8	30.3	24.1	20.6	16.8	4	-43.7	27.2
MS-14	37.9	33.8	30.2	23.9	20.3	16.4	3.4	-45.4	27
MS-15	42.7	38.8	35.4	27.7	21.2	16.6	3.7	-44.5	30.8
MS-16	43.2	39.3	35.9	28.2	21.7	16.9	4.3	-42.8	31.3
MS-17	43.7	39.9	36.5	28.8	22.4	17.4	5.1	-40.7	31.8
MS-18	38.2	34.1	30.6	24.9	21.4	17.8	5.9	-38.4	27.8
MS-19	38.1	33.9	30.5	25.2	21.8	18.3	6.8	-36.1	28
MS-20	37.7	33.6	30.3	25.6	22.3	18.8	7.8	-33.4	28.3
LS-1	39.2	36.3	35.8	31.1	27.8	24.5	14	-25.3	33.6
LS-2	39.1	36.7	36.3	31.6	28.4	25.2	15.2	-22.1	34.1
LS-3	45.2	41.2	37.8	32.2	29	25.9	16.5	-18.9	35.3
LS-4	44.7	40.6	37.2	32.5	29.4	26.4	17.2	-17.1	35.3
LS-5	45	41	37.6	32.4	29.2	26.2	16.9	-17.7	35.4
LS-6	38.9	37.1	36.7	32	28.9	25.8	16.2	-19.7	34.6
LS-7	39	36.8	36.3	31.7	28.4	25.2	15.3	-22	34.2
LS-8	39.2	36.4	35.9	31.2	27.9	24.7	14.3	-24.6	33.7
LS-9	39.3	36	35.5	30.8	27.5	24.1	13.3	-27.2	33.2
LS-10	39.5	35.6	35.1	30.3	27	23.5	12.1	-30.3	32.7
LS-11	39.8	35.6	34.7	30	26.5	22.9	11.2	-32.8	32.4
LS-12	40.3	36.1	34.4	29.6	26.1	22.4	10.3	-35.3	32
LS-13	40.5	36.4	34.1	29.3	25.7	22	9.4	-37.7	31.7
LS-14	40.6	36.5	33.9	29.1	25.5	21.7	8.8	-39.2	31.5
LS-15	46.6	42.7	39.2	31.5	25.6	21.8	9.1	-38.4	34.7
LS-16	46.7	42.8	39.4	31.6	25.9	22.2	9.7	-36.7	34.9
LS-17	46.8	42.8	39.4	31.7	26.2	22.6	10.5	-34.7	35
LS-18	46.8	42.8	39.4	31.7	26.6	23	11.3	-32.5	35.1
LS-19	40.4	36.2	35.1	30.3	26.9	23.4	12.1	-30.3	32.8
LS-20	39.8	35.9	35.5	30.7	27.4	24	13.1	-27.6	33.2
R11	69.1	67.6	66.7	61.5	57.5	53.1	38.4	-14.7	63.7

TS-1	56.3	55	54.3	49.3	45.4	41.1	25.9	-30.9	51.4
TS-2	56.7	55.4	54.7	49.8	46	41.8	27.4	-26.7	52
TS-3	57	55.7	55.1	50.2	46.5	42.4	28.5	-23.5	52.4
TS-4	57.3	56	55.4	50.6	46.9	42.9	29.5	-20.9	52.8
TS-5	57.2	56	55.4	50.5	46.8	42.8	29.2	-21.6	52.7
TS-6	57.1	55.8	55.2	50.3	46.6	42.5	28.7	-23.2	52.5
TS-7	56.8	55.5	54.9	50	46.2	42.1	27.8	-25.5	52.1
TS-8	56.6	55.3	54.6	49.7	45.9	41.6	27	-27.9	51.8
TS-9	56.3	55	54.3	49.3	45.5	41.1	26	-30.7	51.4
TS-10	56	54.7	54	49	45	40.6	25	-33.6	51.1
TS-11	55.6	54.3	53.6	48.5	44.5	40	23.7	-37.2	50.6
TS-12	54.6	52.7	50.9	44.3	38.3	31.2	11.6	-54.4	46.4
TS-13	53.5	51	48.5	41.2	34.6	27	6.8	-61.1	43.6
TS-14	52.6	49.7	46.9	39.4	32.5	24.8	4.2	-65.1	42
TS-15	52.4	49.5	46.7	39.1	32.2	24.5	4	-64.7	41.7
TS-16	55.1	53.8	53	47.8	43.7	38.9	21.6	-43.3	49.9
TS-17	55.3	53.9	53.2	48.1	44	39.3	22.3	-41.2	50.1
TS-18	55.5	54.1	53.4	48.3	44.3	39.6	23	-39.2	50.4
TS-19	55	53.1	51.4	44.9	38.9	31.9	13.1	-50.4	46.9
TS-20	55.9	54.5	53.6	48.4	44	38.8	21.9	-38.9	50.4
MS-1	34.3	30.1	27.3	22.3	18.4	14.1	-1.1	-57.8	24.6
MS-2	33.8	29.6	27.7	22.8	19	14.8	0.3	-54	25.1
MS-3	46.5	43.3	40.3	32.8	26.3	19.3	2.3	-50.8	35.5
MS-4	46.2	42.9	39.8	32.3	25.7	18.8	2.3	-48.5	35
MS-5	33.3	29.1	28.3	23.4	19.7	15.7	2.1	-49.1	25.7
MS-6	33.2	29	28.1	23.2	19.5	15.4	1.5	-50.7	25.4
MS-7	33.5	29.3	27.8	22.9	19.2	15	0.7	-52.9	25.2
MS-8	33.7	29.5	27.6	22.6	18.8	14.6	-0.2	-55.2	24.9
MS-9	33.8	29.6	27.3	22.3	18.4	14.1	-1.1	-57.9	24.6
MS-10	34.1	29.9	27	21.9	18	13.6	-2.1	-60.7	24.3
MS-11	34.8	30.6	26.9	21.6	17.6	13	-3.2	-63.9	24.1
MS-12	35.7	31.6	27.9	21.2	17.1	12.4	-4.4	-67.2	24.3
MS-13	36.1	32	28.2	20.9	16.8	12	-5.3	-69.8	24.3
MS-14	36.3	32.1	28.4	20.7	16.5	11.7	-5.9	-71.7	24.2
MS-15	36.4	32.2	28.5	20.8	16.6	11.8	-5.7	-71.1	24.3
MS-16	45.3	42.3	39.4	31.8	24.9	17.3	-2.9	-69.5	34.5
MS-17	45.5	42.5	39.6	32	25.2	17.6	-2.2	-67.6	34.7
MS-18	45.7	42.7	39.8	32.3	25.5	18	-1.4	-65.6	35
MS-19	35.9	31.8	28.1	21.6	17.7	13.1	-3	-63.4	24.6
MS-20	35.3	31.1	27.5	21.9	18	13.5	-2.2	-60.9	24.6
LS-1	36.4	33	32.3	27.3	23.4	19.1	3.9	-52.8	29.4
LS-2	36.2	33.3	32.6	27.7	23.9	19.7	5	-49.8	29.8
LS-3	42.1	37.9	34.3	28.1	24.3	20.2	6.1	-46.6	31.1
LS-4	41.3	37.2	33.6	28.3	24.6	20.6	6.8	-44.7	31
LS-5	35.6	33.8	33.2	28.3	24.6	20.5	6.7	-45.1	30.5
LS-6	35.5	33.6	33	28.1	24.3	20.2	6.1	-46.7	30.3
LS-7	35.7	33.4	32.7	27.8	24	19.8	5.4	-48.7	30
LS-8	36	33.1	32.5	27.5	23.7	19.4	4.5	-51.1	29.7
LS-9	36	32.9	32.2	27.2	23.4	19	3.7	-53.4	29.4
LS-10	36.3	32.6	31.9	26.9	23	18.5	2.7	-56.2	29
LS-11	36.8	32.5	31.7	26.6	22.6	18.1	1.9	-58.6	28.7
LS-12	37.7	33.5	31.4	26.3	22.3	17.6	1	-61.2	28.5
LS-13	38.3	34	31.1	26	21.9	17.1	0	-63.9	28.3
LS-14	38.5	34.3	30.9	25.8	21.7	16.9	-0.5	-65.5	28.1
LS-15	38.6	34.4	31	25.9	21.8	17	-0.3	-65	28.2
LS-16	44.7	40.7	37.1	29.1	22	17.2	0.2	-63.5	32.3
LS-17	44.6	40.6	37	29	22.2	17.5	0.8	-61.7	32.2
LS-18	44.5	40.4	36.8	28.8	22.5	17.9	1.5	-59.6	32.1
LS-19	38	33.7	31.8	26.7	22.8	18.2	2.2	-57.6	28.9
LS-20	37.2	33	32	27	23.1	18.7	3.1	-55.1	29.2
R12	62.2	58.3	55	47.7	42.5	38.5	25.4	-21.7	50.8
TS-1	49	45.1	41.7	33.8	27.2	22.6	8.8	-42.8	36.9

TS-2	49.5	45.7	42.3	34.5	27.9	23.5	10.5	-38.2	37.6
TS-3	49.9	46	42.6	34.9	28.4	24.2	11.8	-34.4	38
TS-4	50.1	46.2	42.8	35.2	28.8	24.9	13.2	-30.9	38.3
TS-5	49.7	45.8	42.4	34.7	28.6	25	13.2	-30.6	37.9
TS-6	49.3	45.3	41.9	34.2	28.4	24.8	12.9	-31.6	37.5
TS-7	48.8	44.8	41.4	33.6	28.1	24.4	12.2	-33.4	37
TS-8	48.3	44.3	40.9	33.1	27.8	24	11.5	-35.3	36.5
TS-9	47.8	43.8	40.3	32.5	27.4	23.6	10.6	-37.7	35.9
TS-10	47.3	43.3	39.8	32	27	23.1	9.7	-40.3	35.5
TS-11	46.8	42.8	39.2	31.4	26.5	22.4	8.4	-43.9	34.9
TS-12	46.4	42.4	38.8	30.9	25.8	21.6	6.9	-48	34.4
TS-13	46.2	42.1	38.5	30.6	25.4	21	5.8	-51.1	34.1
TS-14	46.1	42	38.4	30.4	25	20.5	4.8	-54	33.9
TS-15	46.3	42.2	38.7	30.7	25	20.6	4.9	-53.8	34.1
TS-16	46.6	42.6	39	31	25.1	20.7	5.2	-52.8	34.4
TS-17	47	43	39.4	31.5	25.4	21	5.7	-51.3	34.8
TS-18	47.4	43.4	39.9	32	25.6	21.3	6.3	-49.8	35.2
TS-19	47.9	43.9	40.4	32.5	25.9	21.6	6.9	-47.9	35.7
TS-20	48.4	44.4	40.9	33.1	26.4	22	7.7	-45.9	36.2
MS-1	36.1	32	28.4	23.3	19.7	15.6	1.9	-49.5	25.9
MS-2	35.8	31.6	28.8	23.9	20.3	16.4	3.4	-45.3	26.4
MS-3	41.1	37.1	33.6	25.9	20.9	17.2	4.8	-41.5	29.3
MS-4	41.2	37.2	33.8	26.1	21.4	17.8	6	-38.4	29.6
MS-5	34.1	30.2	29.7	24.9	21.5	17.9	6	-38.2	27.3
MS-6	34	30.1	29.6	24.8	21.3	17.7	5.7	-39.1	27.1
MS-7	34.4	30.2	29.3	24.5	21	17.3	5.1	-40.8	26.9
MS-8	34.2	30.1	29.1	24.3	20.7	17	4.4	-42.7	26.6
MS-9	34.3	30.2	28.8	24	20.4	16.5	3.5	-45	26.3
MS-10	34.7	30.5	28.5	23.6	20	16	2.6	-47.6	26
MS-11	35.3	31.1	28.1	23.2	19.5	15.4	1.5	-50.7	25.6
MS-12	36.2	32.1	28.4	22.7	18.9	14.7	0.1	-54.4	25.5
MS-13	36.6	32.5	28.8	22.3	18.5	14.1	-1	-57.6	25.4
MS-14	36.8	32.6	29	22	18.1	13.7	-1.9	-60.2	25.3
MS-15	36.8	32.7	29	22	18.1	13.7	-1.9	-60.1	25.3
MS-16	36.9	32.7	29.1	22.1	18.3	13.9	-1.5	-59.1	25.4
MS-17	36.9	32.8	29.2	22.3	18.5	14.1	-1	-57.6	25.6
MS-18	39.1	35.1	31.5	23.6	18.7	14.4	-0.4	-56.1	27.1
MS-19	39.5	35.4	31.9	24	18.9	14.7	0.2	-54.3	27.5
MS-20	39.9	35.9	32.3	24.4	19.2	15.1	0.9	-52.3	27.9
LS-1	44.5	40.5	36.9	29.1	24.7	20.7	7	-44.2	32.7
LS-2	44	40	36.4	28.8	25.2	21.3	8.2	-40.9	32.5
LS-3	43.3	39.2	35.7	29.4	25.8	22.1	9.6	-37.1	32.5
LS-4	42.7	38.6	35	29.7	26.2	22.6	10.5	-34.5	32.5
LS-5	36.4	35.1	34.5	29.7	26.3	22.6	10.6	-34.4	32.1
LS-6	36.4	34.9	34.4	29.6	26.1	22.4	10.2	-35.3	31.9
LS-7	36.6	34.8	34.2	29.4	25.9	22.1	9.7	-36.8	31.7
LS-8	36.6	34.5	34	29.1	25.6	21.8	9	-38.7	31.4
LS-9	36.6	34.3	33.7	28.9	25.3	21.4	8.3	-40.7	31.1
LS-10	36.9	34	33.4	28.5	24.9	20.9	7.4	-43.2	30.7
LS-11	37.3	33.7	33.1	28.2	24.5	20.4	6.5	-45.6	30.4
LS-12	38.2	33.9	32.8	27.8	24	19.9	5.4	-48.6	30.1
LS-13	38.8	34.6	32.4	27.4	23.6	19.3	4.3	-51.8	29.7
LS-14	39.1	34.9	32.1	27.1	23.3	18.9	3.5	-54	29.5
LS-15	39.2	34.9	32.2	27.2	23.3	18.9	3.5	-53.9	29.5
LS-16	39.2	35	32.3	27.3	23.4	19.1	3.9	-52.9	29.6
LS-17	39.2	35	32.4	27.5	23.6	19.3	4.4	-51.5	29.8
LS-18	43.6	39.5	35.9	28	23.9	19.6	4.9	-49.9	31.7
LS-19	43.9	39.8	36.3	28.4	24.1	19.9	5.5	-48.4	32
LS-20	44.2	40.2	36.6	28.8	24.4	20.3	6.3	-46.3	32.4
R13	70.3	68.1	66.7	61.3	57.5	53.9	43.9	8.5	63.8
TS-1	59.3	58	57.6	52.9	49.5	46.2	35.4	-4.9	55.3
TS-2	59.9	58.7	58.3	53.6	50.4	47.2	37.2	-0.1	56.1

TS-3	60.6	59.4	59	54.4	51.2	48.2	38.9	4.1	56.9
TS-4	61.2	60	59.4	54.7	51.2	47.5	37.8	3.9	57
TS-5	59.5	57	54.7	47.9	42.3	36.6	25.3	-9.1	50.3
TS-6	59	56.3	54	47	41.3	35.6	24.2	-10.4	49.5
TS-7	58.2	55.3	52.8	45.7	39.8	34.1	22.5	-12	48.3
TS-8	57.4	54.4	51.6	44.4	38.5	32.7	20.8	-13.5	47.1
TS-9	56.5	53.3	50.4	43.1	37.2	31.2	19	-15.6	45.9
TS-10	56.1	52.9	50	42.7	36.6	30.6	18	-18.1	45.4
TS-11	55.5	52.2	49.3	41.9	35.8	29.6	16.6	-21.7	44.6
TS-12	53.4	49.9	46.7	39.2	32.9	26.6	14.9	-26.1	42
TS-13	52.2	48.6	45.3	37.7	31.4	25.2	13.6	-29.7	40.6
TS-14	51.5	47.8	44.5	36.8	30.4	24.5	12.3	-33.1	39.7
TS-15	51.5	47.8	44.5	36.8	30.4	24.4	12.2	-33.4	39.7
TS-16	51.7	48	44.7	37	30.6	24.5	12.4	-32.8	40
TS-17	52	48.3	45.1	37.5	31.1	24.8	12.8	-31.7	40.4
TS-18	52.4	48.8	45.5	37.9	31.6	25	13.3	-30.6	40.8
TS-19	53.1	49.6	46.4	38.8	32.5	26	13.8	-29.3	41.7
TS-20	56.6	53.9	51.4	44.2	38.2	31.9	17.7	-27.2	46.8
MS-1	47.8	44.5	41.5	34.1	27.9	21.6	8.6	-31.4	36.8
MS-2	48.5	45.2	42.2	34.8	28.7	22.6	10.2	-27.1	37.6
MS-3	49	45.7	42.7	35.4	29.4	23.4	11.9	-22.8	38.1
MS-4	43.1	39.2	35.8	28.3	25	22.1	13.4	-18.9	32.2
MS-5	36.6	33.2	32.8	28.2	25.2	22.3	13.8	-17.9	30.9
MS-6	36.6	33.1	32.7	28.2	25.1	22.2	13.7	-18.3	30.8
MS-7	36.7	32.9	32.5	28	24.9	22	13.2	-19.4	30.6
MS-8	36.5	32.7	32.3	27.7	24.6	21.6	12.6	-20.9	30.3
MS-9	36.6	32.5	31.9	27.3	24.2	21.1	11.8	-22.9	29.9
MS-10	36.8	32.7	31.6	26.9	23.7	20.6	10.9	-25.4	29.5
MS-11	37.1	33	31.1	26.4	23.2	19.9	9.7	-28.5	29
MS-12	37.9	33.8	30.5	25.8	22.4	19	8.1	-32.6	28.4
MS-13	38.1	33.9	30.5	25.2	21.8	18.3	6.8	-36.2	28
MS-14	38	33.9	30.4	24.8	21.3	17.7	5.7	-39.2	27.7
MS-15	38	33.9	30.4	24.7	21.2	17.6	5.5	-39.5	27.7
MS-16	38.1	34	30.5	24.8	21.3	17.7	5.8	-38.9	27.7
MS-17	38.1	34	30.5	25	21.5	17.9	6.1	-37.9	27.9
MS-18	38.2	34.1	30.6	25.1	21.7	18.2	6.6	-36.8	28
MS-19	38.3	34.2	30.7	25.3	21.9	18.4	7	-35.5	28.2
MS-20	41.5	37.5	34.1	26.5	22.2	18.8	7.7	-33.9	30.1
LS-1	46.6	42.6	39.2	31.6	27.7	24.4	13.8	-25.9	35.3
LS-2	46.4	42.4	39	31.6	28.4	25.2	15.1	-22.3	35.4
LS-3	44.5	40.5	37.1	32.3	29.2	26.1	16.8	-18.1	35.2
LS-4	39.2	37.8	37.4	32.9	29.8	26.9	18	-14.9	35.5
LS-5	39.1	38	37.6	33	29.9	27	18.3	-14.2	35.6
LS-6	39.1	37.9	37.5	32.9	29.9	26.9	18.2	-14.5	35.6
LS-7	39.1	37.7	37.3	32.7	29.6	26.7	17.8	-15.6	35.3
LS-8	39	37.5	37.1	32.5	29.4	26.3	17.2	-17.1	35.1
LS-9	38.9	37.2	36.8	32.2	29	26	16.5	-18.8	34.7
LS-10	39.1	36.9	36.4	31.8	28.6	25.4	15.6	-21.2	34.3
LS-11	39.4	36.5	36.1	31.4	28.1	24.9	14.7	-23.5	33.9
LS-12	40.1	36.1	35.6	30.9	27.6	24.2	13.4	-26.8	33.3
LS-13	40.5	36.3	35.1	30.3	26.9	23.4	12.1	-30.5	32.8
LS-14	40.6	36.5	34.7	29.9	26.5	22.9	11.1	-33.1	32.4
LS-15	40.7	36.5	34.7	29.9	26.5	22.8	11	-33.2	32.4
LS-16	40.8	36.6	34.8	30	26.6	23	11.2	-32.7	32.5
LS-17	40.8	36.6	34.9	30.1	26.7	23.2	11.6	-31.6	32.6
LS-18	40.8	36.7	35	30.3	26.9	23.4	12	-30.5	32.8
LS-19	40.8	36.7	35.2	30.5	27.1	23.6	12.5	-29.4	33
LS-20	44.1	40	36.6	30.7	27.4	24	13.1	-27.7	33.8
R14	70.2	68.5	67.5	62.4	58.7	54.9	43.6	2.4	64.7
TS-1	54.3	51.4	48.6	41.2	34.8	27.9	11.1	-43	43.8
TS-2	56.1	53.7	51.5	44.6	38.5	31.9	16	-36	46.9
TS-3	57.2	55.2	53.5	47.1	41.5	35.2	20.1	-29.1	49.2

TS-4	58.4	57	56.2	50.9	46.5	41.5	28	-17.8	52.9
TS-5	58.9	57.7	57.2	52.5	49.1	45.7	34.5	-7.2	54.9
TS-6	59.1	57.9	57.4	52.7	49.4	45.9	35	-6	55.1
TS-7	59.2	58	57.5	52.8	49.5	46.1	35.2	-5.3	55.2
TS-8	59.2	58	57.5	52.8	49.5	46.1	35.3	-5.1	55.2
TS-9	59.2	58	57.5	52.8	49.4	46.1	35.2	-5.4	55.2
TS-10	59.1	57.8	57.3	52.6	49.3	45.8	34.8	-6.4	55
TS-11	58.7	57.5	57	52.3	48.9	45.4	33.9	-8.8	54.6
TS-12	58	56.5	55.6	50.2	45.7	40.4	26.2	-22	52.2
TS-13	56.3	54	51.9	45.1	39.1	32.5	16.8	-34.5	47.4
TS-14	54.5	51.6	48.9	41.5	35.1	28.3	11.7	-42.1	44.1
TS-15	53.7	50.6	47.6	40.1	33.6	26.7	9.7	-43.8	42.8
TS-16	53.2	50	47	39.5	32.9	25.9	8.9	-44.6	42.2
TS-17	53.1	49.9	46.9	39.3	32.8	25.7	8.6	-44.8	42.1
TS-18	53.1	49.9	46.9	39.3	32.8	25.7	8.6	-45	42.1
TS-19	53.2	50	47	39.4	32.9	25.8	8.7	-44.9	42.2
TS-20	53.5	50.3	47.4	39.8	33.3	26.3	9.3	-44.5	42.6
MS-1	37	32.9	29.3	23.4	19.7	15.7	2	-49.3	26.3
MS-2	36.8	32.7	29.1	23.9	20.3	16.4	3.4	-45.5	26.6
MS-3	36.3	32.2	29.3	24.5	20.9	17.2	4.9	-41.3	27
MS-4	35.1	31	29.8	25.1	21.7	18.1	6.5	-37.1	27.5
MS-5	34.7	30.7	30.2	25.4	22	18.6	7.3	-34.8	27.8
MS-6	34.7	30.8	30.3	25.6	22.3	18.8	7.8	-33.5	28
MS-7	34.6	30.9	30.4	25.7	22.4	19	8	-32.9	28.1
MS-8	34.6	30.9	30.5	25.7	22.4	19	8.1	-32.7	28.2
MS-9	34.7	30.9	30.4	25.7	22.3	18.9	8	-33	28.1
MS-10	34.6	30.8	30.3	25.5	22.2	18.7	7.6	-34	28
MS-11	35.1	30.9	30	25.2	21.8	18.3	6.9	-36	27.7
MS-12	36.3	32.2	29.4	24.6	21.1	17.4	5.3	-40.3	27.1
MS-13	36.8	32.7	29.2	24	20.4	16.6	3.7	-44.5	26.7
MS-14	37.1	32.9	29.3	23.5	19.8	15.8	2.3	-48.4	26.4
MS-15	37.1	33	29.4	23.3	19.6	15.5	1.7	-50.1	26.3
MS-16	37.2	33	29.4	23.2	19.5	15.4	1.5	-50.7	26.2
MS-17	37.2	33	29.4	23.1	19.4	15.4	1.3	-51	26.2
MS-18	37.1	33	29.4	23.1	19.4	15.3	1.3	-51.1	26.2
MS-19	37.1	33	29.4	23.1	19.4	15.3	1.3	-51.1	26.2
MS-20	37.1	33	29.4	23.2	19.5	15.4	1.5	-50.7	26.2
LS-1	39.2	35.1	33.4	28.5	24.8	20.8	7.3	-43.4	30.8
LS-2	38.9	34.7	33.8	28.9	25.3	21.5	8.5	-40.2	31.2
LS-3	38.2	34.9	34.3	29.5	26	22.3	10	-36.1	31.8
LS-4	37.3	35.3	34.8	30	26.6	23	11.3	-32.6	32.4
LS-5	37	35.5	35	30.3	26.9	23.3	11.9	-30.9	32.6
LS-6	37	35.7	35.2	30.4	27.1	23.6	12.4	-29.6	32.8
LS-7	37	35.7	35.2	30.5	27.1	23.7	12.5	-29.2	32.9
LS-8	37	35.8	35.3	30.5	27.2	23.7	12.6	-29	32.9
LS-9	37	35.7	35.2	30.5	27.1	23.7	12.5	-29.2	32.9
LS-10	37	35.6	35.1	30.4	27	23.5	12.2	-30.1	32.7
LS-11	37.2	35.4	34.9	30.1	26.7	23.2	11.6	-31.7	32.5
LS-12	38.2	35	34.4	29.6	26.1	22.5	10.3	-35.1	32
LS-13	38.9	34.7	33.9	29	25.5	21.6	8.8	-39.3	31.4
LS-14	39.2	35	33.5	28.6	25	21	7.6	-42.6	30.9
LS-15	39.4	35.2	33.3	28.4	24.8	20.8	7.2	-43.8	30.8
LS-16	39.5	35.3	33.2	28.3	24.7	20.6	6.9	-44.5	30.7
LS-17	39.5	35.3	33.2	28.3	24.6	20.6	6.8	-44.7	30.7
LS-18	39.5	35.3	33.2	28.3	24.6	20.6	6.8	-44.8	30.7
LS-19	39.5	35.3	33.2	28.3	24.6	20.6	6.8	-44.9	30.6
LS-20	39.4	35.2	33.3	28.4	24.7	20.7	6.9	-44.4	30.7
R15	59.5	55.5	52.6	47	43.5	39.8	27.8	-14.9	49.8
TS-1	43.6	39.4	35.8	29.7	25.9	21.6	7	-47.8	32.6
TS-2	44	39.9	36.3	30	26.3	22.1	7.9	-45.2	33
TS-3	44.6	40.4	36.9	30.4	26.7	22.7	9	-42.2	33.5
TS-4	45.2	41.1	37.6	30.9	27.3	23.4	10.4	-38.3	34.2

TS-5	45.7	41.6	38.1	31.4	27.9	24.2	11.8	-34.7	34.7
TS-6	45.9	41.8	38.4	31.8	28.3	24.7	12.8	-31.9	35.1
TS-7	46.2	42.1	38.6	32.2	28.8	25.3	13.8	-29.2	35.5
TS-8	46.3	42.3	38.8	32.5	29.2	25.7	14.6	-27.1	35.8
TS-9	46.5	42.4	39	32.8	29.5	26.1	15.3	-25	36
TS-10	46.5	42.4	39	33	29.7	26.4	15.8	-23.8	36.2
TS-11	46.3	42.2	38.8	33.1	29.8	26.4	15.9	-23.7	36.1
TS-12	45.7	41.6	38.1	32.5	29.2	25.7	14.6	-27	35.5
TS-13	45.1	41	37.5	32	28.5	25	13.2	-30.7	34.9
TS-14	44.4	40.3	36.7	31.3	27.8	24	11.5	-35.3	34.1
TS-15	44	39.9	36.4	30.9	27.3	23.4	10.3	-38.6	33.6
TS-16	43.8	39.7	36.1	30.6	26.9	23	9.5	-40.8	33.3
TS-17	43.7	39.5	35.9	30.3	26.6	22.6	8.8	-42.8	33.1
TS-18	43.6	39.4	35.8	30.1	26.4	22.3	8.2	-44.5	32.9
TS-19	43.5	39.3	35.7	29.9	26.1	21.9	7.6	-46.2	32.7
TS-20	43.4	39.3	35.7	29.7	25.9	21.7	7.1	-47.4	32.6
MS-1	36.1	31.9	28.3	22.8	19	14.8	0.3	-54	25.5
MS-2	36.5	32.3	28.7	23.1	19.3	15.2	1.1	-51.6	25.9
MS-3	36.6	32.4	28.8	23.5	19.8	15.8	2.2	-48.6	26.2
MS-4	35.9	31.7	28.8	23.9	20.4	16.5	3.5	-45	26.4
MS-5	35.4	31.2	29.2	24.4	20.9	17.1	4.7	-41.8	26.8
MS-6	35	30.9	29.6	24.8	21.3	17.7	5.7	-39.1	27.2
MS-7	35	30.9	29.9	25.1	21.7	18.2	6.6	-36.6	27.6
MS-8	35	30.9	30.2	25.5	22.1	18.6	7.5	-34.4	27.9
MS-9	34.8	31	30.5	25.8	22.4	19	8.2	-32.5	28.2
MS-10	34.9	31.1	30.7	26	22.6	19.3	8.6	-31.3	28.4
MS-11	38.5	34.4	31	26	22.7	19.3	8.7	-31.1	28.8
MS-12	38	33.9	30.4	25.5	22.1	18.7	7.5	-34.2	28.2
MS-13	36	31.8	29.7	25	21.5	17.9	6.1	-37.9	27.4
MS-14	36.3	32.1	29.2	24.4	20.8	17.1	4.6	-42	26.9
MS-15	36.6	32.4	28.9	24	20.4	16.5	3.5	-44.9	26.5
MS-16	36.4	32.2	28.7	23.7	20	16.1	2.7	-47.1	26.2
MS-17	36.2	32.1	28.5	23.4	19.7	15.7	2.1	-49.1	26
MS-18	36.1	32	28.4	23.2	19.5	15.4	1.4	-50.8	25.8
MS-19	36	31.9	28.3	23	19.2	15.1	0.8	-52.5	25.6
MS-20	36	31.8	28.2	22.8	19	14.9	0.4	-53.6	25.5
LS-1	39.4	35.2	32.9	27.9	24.2	20	5.7	-47.8	30.3
LS-2	39.2	35	33.1	28.2	24.5	20.4	6.4	-45.8	30.5
LS-3	38.7	34.5	33.5	28.6	24.9	21	7.5	-42.7	30.9
LS-4	38	34.4	33.8	29	25.4	21.5	8.6	-39.8	31.3
LS-5	37.6	34.7	34.1	29.3	25.8	22	9.5	-37.4	31.6
LS-6	37.4	35	34.5	29.7	26.2	22.6	10.5	-34.7	32
LS-7	37.4	35.3	34.8	30	26.6	23	11.3	-32.5	32.4
LS-8	37.4	35.6	35.1	30.3	26.9	23.4	12.1	-30.4	32.7
LS-9	37.2	35.8	35.3	30.6	27.2	23.8	12.7	-28.7	33
LS-10	37.3	36	35.5	30.8	27.4	24.1	13.2	-27.4	33.2
LS-11	40.6	36.5	35.5	30.8	27.5	24.1	13.2	-27.4	33.3
LS-12	41.7	37.5	35.1	30.4	27	23.6	12.3	-29.8	33
LS-13	42.1	38	34.6	29.9	26.4	22.8	10.9	-33.5	32.5
LS-14	38.6	34.8	34.2	29.4	25.9	22.1	9.7	-36.8	31.7
LS-15	41.4	37.3	33.9	29.1	25.5	21.7	8.9	-39	31.6
LS-16	41.2	37.1	33.6	28.8	25.2	21.3	8.1	-41.3	31.3
LS-17	41.1	37	33.4	28.6	24.9	20.9	7.5	-42.9	31.1
LS-18	39.5	35.4	33.2	28.3	24.6	20.6	6.8	-44.7	30.7
LS-19	39.5	35.3	33	28.1	24.4	20.3	6.3	-46.3	30.5
LS-20	39.4	35.2	32.9	28	24.2	20.1	5.8	-47.5	30.3
R16	68	66.4	65.4	60	55.7	50.9	34.4	-24.9	62.1
TS-1	51.5	48.5	45.6	37.8	30.7	22.6	0.3	-75.2	40.6
TS-2	52.5	49.9	47.3	39.9	33	25.1	3.2	-70.8	42.4
TS-3	53.8	51.9	50	43.3	37.1	29.6	8.5	-63.5	45.4
TS-4	54.8	53.5	52.7	47.5	43.3	38.4	20.6	-46.1	49.5
TS-5	55.2	53.8	53	47.9	43.8	39	21.8	-42.6	50

TS-6	55.4	54.1	53.3	48.2	44.2	39.5	22.8	-39.8	50.3
TS-7	55.6	54.3	53.6	48.5	44.5	39.9	23.7	-37.3	50.6
TS-8	55.8	54.5	53.8	48.8	44.8	40.3	24.4	-35.1	50.9
TS-9	56	54.7	54	49	45.1	40.7	25.1	-33	51.1
TS-10	56.2	54.9	54.2	49.2	45.3	40.9	25.6	-31.7	51.3
TS-11	56.2	54.9	54.2	49.2	45.4	41	25.8	-31.3	51.4
TS-12	55.9	54.6	53.9	48.9	45	40.5	24.7	-34.2	51
TS-13	55.6	54.3	53.5	48.5	44.5	39.8	23.4	-37.8	50.5
TS-14	55.1	53.7	52.8	47.5	43	37.4	19.1	-46.6	49.4
TS-15	54.6	53	51.6	45.6	40	33.2	13.2	-55.5	47.4
TS-16	53.4	51.1	48.8	41.7	35.1	27.4	6.5	-64	44
TS-17	54.4	52.9	51.8	46.2	41.1	34.8	14.5	-56.7	48
TS-18	54.3	52.8	51.7	46	40.9	34.5	14	-58.5	47.8
TS-19	54.1	52.6	51.5	45.9	40.8	34.4	13.6	-60	47.7
TS-20	51.3	48.3	45.2	37.5	30.4	22.2	0	-74.7	40.2
MS-1	35.1	30.9	27	19.6	15.3	10	-9.2	-81.4	23
MS-2	34.9	30.7	26.9	19.9	15.6	10.4	-8.5	-79.2	23
MS-3	34.5	30.2	26.5	20.2	15.9	10.9	-7.5	-76.3	23
MS-4	33.5	29.3	25.7	20.6	16.4	11.5	-6.3	-72.9	22.9
MS-5	32.8	28.6	26	20.9	16.8	12	-5.3	-69.8	23.1
MS-6	32.4	28.2	26.3	21.2	17.1	12.5	-4.3	-67.1	23.4
MS-7	32.3	28.1	26.5	21.5	17.5	12.9	-3.5	-64.6	23.6
MS-8	32.2	28	26.8	21.7	17.8	13.3	-2.7	-62.5	23.9
MS-9	32	27.7	27	22	18	13.6	-2	-60.6	24.1
MS-10	32	27.8	27.1	22.1	18.2	13.8	-1.6	-59.2	24.3
MS-11	37.8	33.6	30	22.2	18.3	13.9	-1.4	-58.8	25.9
MS-12	43	39.3	35.9	28.1	21.2	13.8	-2.4	-61.5	31
MS-13	33	28.7	26.5	21.5	17.5	12.8	-3.5	-64.8	23.7
MS-14	33.4	29.2	26.1	21	16.9	12.2	-4.9	-68.7	23.3
MS-15	34.4	30.2	26.4	20.7	16.5	11.7	-5.9	-71.7	23.3
MS-16	34.9	30.7	27	20.4	16.2	11.3	-6.7	-74	23.4
MS-17	41.8	38.1	34.6	26.6	19.4	11.4	-7.4	-76	29.6
MS-18	39	34.9	31.3	23.1	15.9	10.6	-8	-77.9	26.4
MS-19	35.2	31	27.2	19.8	15.5	10.3	-8.7	-79.6	23.2
MS-20	35.1	30.9	27.1	19.7	15.3	10.1	-9.1	-80.9	23.1
LS-1	37.3	33	30	24.8	20.4	15.2	-3.8	-75.2	27
LS-2	37.1	32.8	30.2	25	20.7	15.5	-3.2	-73.3	27.1
LS-3	36.4	32.1	30.5	25.3	21	16	-2.2	-70.4	27.4
LS-4	35.5	31.5	30.7	25.6	21.4	16.5	-1.3	-67.6	27.6
LS-5	35	31.7	31	25.8	21.7	16.9	-0.4	-65.3	27.9
LS-6	34.7	32	31.2	26.1	22.1	17.4	0.5	-62.6	28.2
LS-7	34.7	32.2	31.5	26.4	22.4	17.7	1.2	-60.5	28.5
LS-8	34.5	32.4	31.7	26.6	22.6	18.1	2	-58.4	28.7
LS-9	34.3	32.6	31.9	26.8	22.9	18.4	2.6	-56.6	28.9
LS-10	34.3	32.7	32	27	23.1	18.7	3.1	-55.3	29.1
LS-11	37.8	33.6	32	27	23.1	18.7	3.1	-55	29.2
LS-12	40.8	36.6	33	26.8	22.8	18.3	2.4	-57.2	29.7
LS-13	35.3	32.2	31.5	26.4	22.4	17.7	1.2	-60.5	28.5
LS-14	35.6	31.9	31.1	26	21.9	17.2	0.1	-63.6	28.1
LS-15	36.3	32.1	30.9	25.8	21.6	16.8	-0.6	-65.8	27.9
LS-16	42.3	38.2	34.5	26.3	21.3	16.4	-1.4	-68.2	29.9
LS-17	40.2	36	32.3	25.3	21.1	16.1	-2.1	-70	28.5
LS-18	40.2	36	32.2	25.1	20.9	15.8	-2.7	-71.9	28.3
LS-19	37.5	33.2	30.2	24.9	20.6	15.5	-3.3	-73.5	27.2
LS-20	37.4	33.1	30	24.8	20.5	15.3	-3.7	-74.8	27
R17	66.3	64.6	63.4	57.7	52.8	47	27	-45.3	59.6
TS-1	52.1	50.1	48.3	41.5	34.9	26.6	1	-87.9	43.5
TS-2	52.7	51.2	50.2	44.7	39.9	33.9	11.1	-74.2	46.6
TS-3	51.6	49.2	46.8	39.4	32.3	23.7	-1.6	-88.6	41.8
TS-4	52.8	51.2	49.8	43.8	38	30.7	6.6	-78	45.6
TS-5	53.3	51.8	50.9	45.5	40.9	35.2	13.8	-66.1	47.4
TS-6	53.5	52.1	51.1	45.8	41.2	35.6	14.8	-63.1	47.7

TS-7	53.7	52.3	51.4	46.1	41.6	36.1	15.8	-60	48
TS-8	53.9	52.5	51.6	46.3	41.9	36.6	16.8	-57.3	48.3
TS-9	54.1	52.8	51.9	46.6	42.3	37	17.7	-54.5	48.6
TS-10	54.3	52.9	52.1	46.9	42.5	37.4	18.5	-52.3	48.8
TS-11	54.5	53.1	52.2	47	42.8	37.7	19	-50.6	49
TS-12	54.3	53	52.1	46.9	42.6	37.4	18.6	-52	48.9
TS-13	54.1	52.6	51.5	45.9	40.9	34.7	13.9	-60.2	47.8
TS-14	53.8	52.2	51.1	45.3	40	33.4	11.7	-64.8	47.1
TS-15	53.3	51.6	50.1	43.9	37.9	30.5	7.7	-71.6	45.7
TS-16	52.9	51	49.2	42.5	36.1	28.2	4.7	-76.6	44.5
TS-17	52.4	50.2	48.1	41.1	34.4	26.1	1.9	-81.3	43.3
TS-18	52	49.8	47.6	40.4	33.5	25.1	0.4	-84.5	42.7
TS-19	51.3	48.7	46.1	38.5	31.3	22.6	-2.6	-89.3	41
TS-20	50.7	47.9	44.9	37.2	29.7	20.9	-4.7	-92.8	39.9
MS-1	39.1	35.2	31.5	23.1	15.4	6.8	-16.1	-101.7	26.4
MS-2	37.7	33.7	29.8	21.4	13.7	7	-15.7	-100.6	24.8
MS-3	33.7	29.5	25.5	17.9	13.2	7.3	-15.1	-98.8	21.3
MS-4	33.2	28.9	24.9	18.2	13.5	7.7	-14.2	-96.2	21.1
MS-5	32.5	28.2	24.3	18.5	13.9	8.2	-13.2	-93.1	21
MS-6	32.2	27.9	24.1	18.8	14.2	8.6	-12.2	-90.1	21
MS-7	31.8	27.5	24.4	19.1	14.6	9.1	-11.2	-87.2	21.2
MS-8	31.3	27	24.6	19.3	14.9	9.5	-10.3	-84.5	21.4
MS-9	31.1	26.8	24.9	19.6	15.2	10	-9.4	-81.9	21.7
MS-10	36.2	32	28.3	20.1	15.5	10.3	-8.7	-79.7	23.8
MS-11	41.2	37.4	33.8	25.8	18.5	10.6	-8.2	-78.2	28.9
MS-12	30.4	26.1	25.1	19.9	15.5	10.4	-8.6	-79.4	21.9
MS-13	30.4	26.1	24.9	19.6	15.3	10	-9.3	-81.6	21.6
MS-14	31	26.7	24.6	19.3	14.9	9.5	-10.4	-84.7	21.4
MS-15	32.1	27.8	24.3	19	14.5	9	-11.4	-87.8	21.2
MS-16	32.9	28.6	24.7	18.7	14.1	8.5	-12.4	-90.7	21.3
MS-17	33.4	29.2	25.2	18.5	13.8	8.1	-13.3	-93.3	21.4
MS-18	33.7	29.5	25.5	18.2	13.5	7.7	-14.1	-95.8	21.4
MS-19	33.9	29.7	25.7	18	13.3	7.3	-14.9	-98.3	21.4
MS-20	34	29.8	25.8	17.8	13	7	-15.6	-100.3	21.4
LS-1	41.2	37.1	33.2	24.7	18	12	-10.7	-95.5	28.3
LS-2	39	34.7	30.7	22.9	18.1	12.2	-10.4	-94.5	26.4
LS-3	35.8	31.4	28.5	23	18.3	12.4	-9.7	-92.7	25.2
LS-4	35.1	30.8	28.7	23.2	18.6	12.8	-9	-90.6	25.3
LS-5	34.7	30.3	28.8	23.5	18.8	13.1	-8.3	-88.3	25.4
LS-6	34.2	30	29.1	23.7	19.2	13.6	-7.3	-85.3	25.7
LS-7	33.9	30.2	29.3	24	19.5	14	-6.4	-82.8	25.9
LS-8	33.6	30.5	29.6	24.3	19.8	14.4	-5.5	-80.1	26.2
LS-9	33.4	30.7	29.8	24.5	20.1	14.8	-4.7	-77.7	26.5
LS-10	36.8	32.5	30	24.7	20.4	15.2	-3.9	-75.5	26.9
LS-11	38.4	34.1	30.3	24.9	20.5	15.4	-3.6	-74.4	27.3
LS-12	32.8	30.9	30	24.7	20.4	15.2	-3.9	-75.4	26.7
LS-13	32.7	30.7	29.8	24.5	20.1	14.8	-4.7	-77.6	26.5
LS-14	33	30.5	29.6	24.3	19.8	14.4	-5.5	-80	26.2
LS-15	33.8	30.3	29.4	24	19.5	14.1	-6.3	-82.4	26
LS-16	34.7	30.4	29.1	23.8	19.2	13.6	-7.2	-85.2	25.7
LS-17	35.3	31	28.9	23.5	18.9	13.2	-8	-87.6	25.6
LS-18	35.7	31.4	28.7	23.3	18.6	12.8	-8.9	-90.2	25.4
LS-19	36	31.7	28.5	23.1	18.4	12.5	-9.6	-92.4	25.2
LS-20	41.2	37	33.1	24.7	18.1	12.2	-10.3	-94.4	28.2
R18	67.1	64.4	62	55.1	49.1	42.8	27	-24.2	57.5
TS-1	51	47.6	44.3	36.5	29.6	22	2.9	-59.4	39.4
TS-2	50.4	46.9	43.5	35.7	28.7	21.1	2.9	-59.5	38.6
TS-3	50	46.3	43	35.1	28.1	20.5	3.1	-58.8	38
TS-4	50	46.3	42.9	35.1	28.2	20.6	3.7	-57.2	38
TS-5	50.5	46.8	43.5	35.7	28.8	21.4	4.8	-54	38.6
TS-6	51	47.4	44.1	36.4	29.6	22.3	5.9	-51	39.3
TS-7	51.7	48.2	45	37.2	30.6	23.4	7.1	-47.6	40.1

TS-8	52.4	49	45.8	38.1	31.5	24.5	8.2	-44.5	41
TS-9	53.2	49.9	46.8	39.3	32.8	25.9	9.4	-41.2	42
TS-10	54	50.8	47.9	40.4	34	27.2	11.3	-38.2	43.1
TS-11	55	52	49.3	41.9	35.7	29	13.5	-35.4	44.6
TS-12	56.2	53.7	51.4	44.3	38.2	31.7	16.4	-33.2	46.7
TS-13	57	55	53.2	46.7	40.9	34.6	19.3	-30.9	48.8
TS-14	56.8	54.9	53.3	46.9	41.2	34.9	19.2	-32.4	49
TS-15	56.3	54.3	52.5	45.9	40	33.5	17.1	-36.8	48
TS-16	55.8	53.7	51.7	45	39	32.3	15.3	-40.6	47.2
TS-17	54.9	52.4	50	42.9	36.6	29.6	12	-46.1	45.3
TS-18	53.7	50.8	48.1	40.7	34.1	26.9	8.7	-51.2	43.3
TS-19	52.6	49.5	46.5	38.9	32.1	24.8	6	-54.3	41.6
TS-20	51.8	48.5	45.3	37.6	30.8	23.3	4.1	-57	40.4
MS-1	35.9	31.7	28	21.4	17.3	12.7	-3.8	-65.6	24.5
MS-2	35.9	31.8	28.1	21.3	17.3	12.7	-3.9	-65.8	24.5
MS-3	36	31.8	28.1	21.4	17.4	12.8	-3.6	-65.1	24.5
MS-4	39	35	31.4	23.4	17.6	13.1	-3.1	-63.6	26.8
MS-5	39.3	35.3	31.7	23.7	18	13.6	-2.1	-60.8	27.1
MS-6	39.6	35.6	32	24.1	18.4	14.1	-1	-57.7	27.5
MS-7	40	36	32.4	24.5	18.9	14.7	0.1	-54.5	27.9
MS-8	40.3	36.3	32.8	25	19.4	15.3	1.2	-51.4	28.3
MS-9	40.7	36.8	33.3	25.4	19.8	15.9	2.3	-48.3	28.8
MS-10	41.1	37.2	33.7	25.9	20.3	16.4	3.4	-45.4	29.2
MS-11	41.5	37.6	34.1	26.4	20.7	16.9	4.3	-42.8	29.7
MS-12	33.3	29.7	29.1	24.3	20.8	17	4.4	-42.5	26.6
MS-13	33.3	29.6	29	24.2	20.6	16.8	4.1	-43.5	26.5
MS-14	33.8	29.6	28.7	23.9	20.3	16.4	3.3	-45.6	26.2
MS-15	34.8	30.6	28.3	23.4	19.8	15.8	2.2	-48.7	25.8
MS-16	35.4	31.3	28	23	19.3	15.2	1.1	-51.8	25.5
MS-17	35.8	31.6	28	22.6	18.9	14.6	-0.1	-54.9	25.3
MS-18	35.9	31.7	28.1	22.3	18.4	14.1	-1.1	-57.9	25.1
MS-19	36	31.8	28.1	21.9	18	13.5	-2.2	-60.9	24.8
MS-20	36	31.8	28.1	21.6	17.6	13.1	-3.1	-63.5	24.6
LS-1	38.5	34.2	31.6	26.5	22.5	17.9	1.6	-59.5	28.8
LS-2	38.5	34.3	31.6	26.5	22.5	17.9	1.6	-59.5	28.8
LS-3	38.5	34.3	31.6	26.6	22.6	18	1.8	-58.8	28.9
LS-4	42.5	38.4	34.8	26.8	22.8	18.2	2.2	-57.6	30.5
LS-5	42.7	38.6	35	27	23	18.6	3	-55.5	30.8
LS-6	43	38.9	35.2	27.3	23.5	19.2	4	-52.5	31.1
LS-7	43.2	39.1	35.5	27.7	23.9	19.7	5.1	-49.6	31.4
LS-8	43.1	39	35.5	28.1	24.4	20.3	6.2	-46.5	31.6
LS-9	42.9	38.7	35.2	28.5	24.8	20.8	7.2	-43.7	31.7
LS-10	42.4	38.2	34.7	28.8	25.2	21.4	8.2	-40.8	31.8
LS-11	41.8	37.7	34.1	29.1	25.5	21.7	8.9	-38.9	31.7
LS-12	35.8	34.5	34	29.1	25.6	21.7	9	-38.7	31.4
LS-13	35.7	34.4	33.8	29	25.4	21.6	8.7	-39.6	31.3
LS-14	35.9	34.2	33.6	28.8	25.2	21.3	8.1	-41.3	31
LS-15	36.6	34	33.3	28.5	24.8	20.8	7.2	-43.6	30.7
LS-16	37.3	33.6	33	28.1	24.3	20.2	6.1	-46.7	30.3
LS-17	37.8	33.6	32.6	27.7	23.9	19.7	5.1	-49.5	29.9
LS-18	38.1	33.9	32.3	27.3	23.5	19.2	4	-52.5	29.6
LS-19	38.3	34.1	32	27	23.1	18.7	3.1	-55.2	29.3
LS-20	38.4	34.2	31.7	26.7	22.7	18.2	2.1	-57.9	29
R19	67.6	65.6	64.1	58.5	54.1	49.3	33.8	-22.4	60.7
TS-1	51	47.7	44.5	36.7	29.6	21.6	0	-71	39.5
TS-2	50.8	47.5	44.2	36.4	29.3	21.2	-0.5	-71.3	39.3
TS-3	50.8	47.5	44.3	36.4	29.3	21.3	-0.3	-70.7	39.3
TS-4	51.7	48.6	45.6	37.9	30.9	22.9	1.6	-69.3	40.6
TS-5	52	49	46	38.4	31.4	23.6	2.9	-66.2	41.1
TS-6	52.5	49.6	46.8	39.2	32.3	24.7	4.4	-63.2	41.8
TS-7	53.2	50.4	47.7	40.3	33.6	26.1	6.4	-59.2	42.9
TS-8	53.9	51.3	48.8	41.5	34.9	27.6	8.5	-55.1	44

TS-9	54.6	52.3	50.1	43.1	36.7	29.6	11.1	-50.3	45.4
TS-10	55.4	53.4	51.6	45	39	32.2	14.3	-45.2	47.1
TS-11	56.3	54.8	53.6	47.9	42.8	36.8	19.9	-37.4	49.8
TS-12	56.6	55.4	54.7	49.7	46	41.8	27.2	-27.2	51.9
TS-13	56.6	55.3	54.6	49.7	45.9	41.6	27	-27.8	51.8
TS-14	56.4	55.1	54.4	49.4	45.6	41.3	26.3	-29.8	51.6
TS-15	56	54.7	54	49	45.1	40.7	25.1	-33.3	51.1
TS-16	55.7	54.4	53.7	48.6	44.7	40.1	24	-36.3	50.7
TS-17	55.4	54.1	53.3	48.3	44.2	39.5	22.8	-39.6	50.3
TS-18	53.5	50.9	48.4	41.1	34.5	26.9	6.8	-60.5	43.6
TS-19	52.5	49.6	46.8	39.2	32.3	24.6	3.9	-65.5	41.8
TS-20	51.7	48.6	45.6	37.8	30.8	22.9	1.8	-68.4	40.6
MS-1	35.2	31	27.2	20.1	15.8	10.7	-7.8	-77.2	23.3
MS-2	35.2	31	27.2	20	15.8	10.7	-7.9	-77.5	23.3
MS-3	35.2	31	27.2	20.1	15.8	10.8	-7.8	-77	23.3
MS-4	39.4	35.4	31.7	23.6	16.4	11	-7.3	-75.7	26.8
MS-5	39.6	35.6	31.9	23.8	16.7	11.4	-6.4	-73	27
MS-6	39.8	35.8	32.2	24.2	17.1	12	-5.3	-70	27.4
MS-7	40.1	36.2	32.6	24.6	17.6	12.5	-4.2	-66.8	27.7
MS-8	40.5	36.5	33	25	18	13	-3.2	-63.8	28.1
MS-9	40.8	36.9	33.4	25.4	18.6	13.6	-2.1	-60.6	28.6
MS-10	41.2	37.3	33.8	25.9	19.1	14.1	-1	-57.7	29
MS-11	41.6	37.7	34.3	26.4	19.6	14.6	-0.1	-55.1	29.5
MS-12	32.1	28.3	27.6	22.7	18.9	14.7	0.1	-54.6	24.9
MS-13	32	28.2	27.6	22.6	18.8	14.6	-0.2	-55.3	24.8
MS-14	32.6	28.4	27.4	22.4	18.5	14.2	-0.8	-57.2	24.6
MS-15	42.6	38.9	35.5	27.6	20.8	13.7	-1.9	-60.2	30.6
MS-16	42.3	38.5	35.1	27.2	20.3	13.1	-3	-63.2	30.2
MS-17	34.8	30.6	26.9	21.3	17.2	12.6	-4.1	-66.3	23.9
MS-18	35	30.8	27.1	20.9	16.8	12.1	-5.1	-69.3	23.8
MS-19	35.1	30.9	27.2	20.6	16.4	11.6	-6.1	-72.3	23.6
MS-20	35.2	31	27.2	20.3	16.1	11.1	-7.1	-75	23.4
LS-1	37.6	33.3	30.4	25.2	20.9	15.9	-2.5	-71.2	27.4
LS-2	37.6	33.4	30.4	25.2	20.9	15.9	-2.5	-71.3	27.4
LS-3	37.6	33.4	30.4	25.2	21	16	-2.3	-70.8	27.5
LS-4	42.4	38.3	34.6	26.4	21.1	16.1	-2	-69.7	30
LS-5	42.4	38.3	34.6	26.5	21.4	16.5	-1.3	-67.7	30.1
LS-6	42.4	38.2	34.6	26.5	21.8	17	-0.2	-64.7	30.1
LS-7	42.3	38.1	34.4	26.4	22.2	17.5	0.7	-61.9	30.1
LS-8	42	37.9	34.2	26.6	22.6	18	1.8	-58.8	30.2
LS-9	41.7	37.6	33.9	26.9	23	18.5	2.8	-56	30.2
LS-10	41.1	37	33.3	27.3	23.4	19	3.8	-53.1	30.1
LS-11	34.8	33.1	32.5	27.5	23.7	19.4	4.5	-51.2	29.6
LS-12	34.5	33.2	32.5	27.5	23.7	19.5	4.6	-50.8	29.7
LS-13	34.4	33.1	32.4	27.5	23.6	19.3	4.4	-51.5	29.6
LS-14	34.7	33	32.3	27.3	23.4	19.1	3.9	-52.9	29.4
LS-15	35.5	32.7	32	27	23.1	18.7	3.1	-55.1	29.1
LS-16	36.2	32.4	31.7	26.6	22.7	18.1	2	-58.2	28.8
LS-17	36.7	32.5	31.4	26.3	22.3	17.6	1	-61	28.4
LS-18	37.1	32.8	31.1	26	21.9	17.1	0	-64	28.1
LS-19	37.3	33.1	30.8	25.7	21.5	16.7	-0.9	-66.7	27.9
LS-20	37.5	33.2	30.6	25.4	21.2	16.2	-1.9	-69.4	27.6
R20	66.5	64.8	63.7	58.3	53.7	48.2	28.1	-45	60.2
TS-1	52.7	51.2	50.2	44.7	39.9	33.9	11.1	-74.1	46.6
TS-2	50.4	47.5	44.4	36.6	29.1	20.2	-5.7	-94.6	39.3
TS-3	50.3	47.4	44.4	36.6	29.1	20.2	-5.7	-94.8	39.3
TS-4	50.5	47.7	44.8	36.9	29.5	20.7	-5.1	-93.7	39.7
TS-5	51.2	48.5	45.8	38.2	30.9	22.2	-3.1	-89.8	40.8
TS-6	53	51.6	50.6	45.2	40.5	34.7	12.7	-69.2	47
TS-7	53.3	51.8	50.9	45.5	40.9	35.2	13.8	-66.1	47.4
TS-8	53.5	52.1	51.1	45.8	41.2	35.6	14.8	-63.1	47.7
TS-9	53.7	52.3	51.4	46.1	41.6	36.2	15.9	-59.8	48

TS-10	54	52.6	51.7	46.4	42	36.6	16.9	-56.8	48.3
TS-11	54.2	52.8	52	46.7	42.4	37.2	18	-53.6	48.7
TS-12	54.3	53	52.1	46.9	42.6	37.4	18.5	-52.1	48.9
TS-13	54.4	53	52.1	46.9	42.6	37.5	18.6	-51.8	48.9
TS-14	54.3	52.9	52	46.8	42.5	37.3	18.3	-52.8	48.8
TS-15	54	52.7	51.8	46.5	42.1	36.8	17.3	-55.8	48.4
TS-16	53.8	52.4	51.5	46.2	41.7	36.3	16.3	-58.8	48.1
TS-17	53.6	52.1	51.2	45.9	41.3	35.8	15.2	-62	47.8
TS-18	53.3	51.9	51	45.6	41	35.3	14.2	-65	47.5
TS-19	53.1	51.7	50.7	45.3	40.6	34.8	13.1	-68.3	47.1
TS-20	52.9	51.4	50.4	45	40.3	34.4	12.1	-71.2	46.9
MS-1	40	36.3	32.6	24.3	16.6	7.6	-15.6	-100.4	27.5
MS-2	33.8	29.6	25.6	17.7	12.9	6.9	-16	-101.5	21.2
MS-3	33.8	29.6	25.6	17.7	12.9	6.8	-16.1	-101.7	21.2
MS-4	33.8	29.5	25.6	17.7	12.9	6.9	-15.9	-101	21.2
MS-5	33.8	29.5	25.5	17.9	13.2	7.3	-15.1	-98.7	21.3
MS-6	40	36.1	32.4	24.2	16.6	7.8	-14.1	-95.9	27.4
MS-7	40.2	36.4	32.7	24.5	16.9	8.3	-13.1	-92.9	27.6
MS-8	40.4	36.6	33	24.8	17.3	8.8	-12.1	-89.9	27.9
MS-9	40.7	36.9	33.3	25.1	17.7	9.3	-11.1	-86.8	28.2
MS-10	41	37.2	33.6	25.5	18.2	9.9	-10.1	-83.8	28.6
MS-11	30.5	26.2	24.9	19.7	15.3	10.1	-9.1	-81	21.7
MS-12	29.9	25.9	25.1	19.8	15.5	10.3	-8.6	-79.6	21.8
MS-13	29.9	25.9	25.1	19.9	15.5	10.4	-8.6	-79.4	21.8
MS-14	40.9	37.1	33.5	25.4	18.2	10.2	-8.9	-80.3	28.5
MS-15	41.3	37.5	34	25.9	18.6	10.3	-9.8	-82.9	29
MS-16	41.2	37.5	34	25.9	18.5	10.1	-10.8	-85.8	28.9
MS-17	41	37.3	33.7	25.5	18.1	9.6	-11.8	-88.9	28.6
MS-18	40.7	37	33.4	25.2	17.7	9.1	-12.8	-91.9	28.3
MS-19	40.5	36.7	33.1	24.9	17.3	8.6	-13.8	-95	28
MS-20	40.3	36.5	32.8	24.6	16.9	8.1	-14.8	-97.9	27.7
LS-1	36	31.7	28.3	22.9	18.1	12.2	-10.3	-94.5	25
LS-2	36	31.7	28.3	22.8	18	12	-10.6	-95.3	25
LS-3	36	31.7	28.2	22.8	18	12	-10.7	-95.5	25
LS-4	36	31.6	28.3	22.8	18.1	12.1	-10.5	-95	25
LS-5	35.9	31.5	28.4	23	18.3	12.4	-9.9	-93.2	25.1
LS-6	35.6	31.3	28.7	23.3	18.6	12.8	-9	-90.4	25.3
LS-7	35.3	31	28.9	23.5	18.9	13.2	-8.1	-87.7	25.6
LS-8	34.9	30.5	29.2	23.8	19.3	13.7	-7.1	-84.7	25.8
LS-9	39.7	35.5	31.6	24.1	19.6	14.1	-6.1	-81.9	27.5
LS-10	33.4	30.6	29.7	24.4	20	14.6	-5.1	-78.9	26.3
LS-11	32.6	30.7	29.9	24.6	20.2	15	-4.4	-76.8	26.6
LS-12	32.2	30.8	30	24.7	20.4	15.1	-4	-75.8	26.7
LS-13	32.2	30.8	30	24.7	20.4	15.2	-4	-75.5	26.7
LS-14	32.6	30.8	29.9	24.7	20.3	15.1	-4.2	-76.2	26.6
LS-15	39.1	34.8	31	24.5	20.1	14.7	-4.9	-78.2	27.3
LS-16	39.7	35.5	31.6	24.2	19.7	14.3	-5.8	-81.1	27.5
LS-17	40.1	35.9	32.1	23.9	19.4	13.8	-6.8	-83.9	27.6
LS-18	40.5	36.2	32.4	24	19	13.4	-7.8	-86.9	27.8
LS-19	40.6	36.4	32.6	24.2	18.7	12.9	-8.7	-89.6	27.9
LS-20	40.8	36.6	32.7	24.3	18.3	12.5	-9.7	-92.5	27.9
R21	66.2	64.5	63.3	57.7	53.1	47.5	27	-47.4	59.7
TS-1	52.6	51.1	50.1	44.6	39.7	33.6	10.5	-75.9	46.4
TS-2	50.3	47.4	44.4	36.5	29	20	-6.3	-96.6	39.2
TS-3	50.2	47.3	44.3	36.4	28.9	19.9	-6.4	-97.1	39.2
TS-4	50.4	47.6	44.6	36.8	29.3	20.4	-5.9	-96.4	39.5
TS-5	51	48.4	45.7	38	30.7	21.9	-3.9	-92.7	40.6
TS-6	51.6	49.3	46.9	39.5	32.4	23.8	-1.4	-88.4	41.9
TS-7	52.4	50.4	48.4	41.6	34.9	26.7	2.2	-82.6	43.7
TS-8	53.2	51.8	50.8	45.5	40.8	35.1	13.7	-66.3	47.3
TS-9	53.5	52.1	51.1	45.8	41.2	35.6	14.8	-63.1	47.7
TS-10	53.7	52.3	51.4	46.1	41.6	36.1	15.8	-60	48

TS-11	54	52.6	51.7	46.4	42	36.7	17	-56.7	48.3
TS-12	54.1	52.7	51.9	46.6	42.2	37	17.6	-54.8	48.6
TS-13	54.2	52.8	51.9	46.7	42.3	37.1	17.8	-54.2	48.6
TS-14	54.1	52.7	51.9	46.6	42.2	37	17.6	-54.7	48.6
TS-15	53.9	52.5	51.6	46.3	41.9	36.5	16.7	-57.5	48.3
TS-16	53.7	52.3	51.4	46	41.5	36.1	15.7	-60.3	48
TS-17	53.4	52	51.1	45.7	41.2	35.6	14.6	-63.6	47.6
TS-18	53.2	51.8	50.8	45.4	40.8	35.1	13.6	-66.6	47.3
TS-19	53	51.5	50.5	45.1	40.4	34.6	12.5	-69.8	47
TS-20	52.8	51.3	50.3	44.8	40.1	34.1	11.6	-72.8	46.7
MS-1	39.9	36.1	32.5	24.1	16.4	7.4	-16.2	-102.2	27.3
MS-2	33.7	29.4	25.5	17.5	12.6	6.5	-16.7	-103.6	21
MS-3	33.7	29.4	25.4	17.4	12.6	6.5	-16.9	-104.1	21
MS-4	33.7	29.4	25.4	17.5	12.6	6.5	-16.8	-103.8	21
MS-5	33.6	29.3	25.3	17.7	12.9	6.8	-16	-101.6	21.1
MS-6	33.5	29.2	25.2	17.9	13.2	7.2	-15.1	-98.9	21.1
MS-7	33.3	29	25	18.2	13.5	7.7	-14.2	-96	21.2
MS-8	32.9	28.6	24.7	18.5	13.9	8.2	-13.2	-93	21.2
MS-9	40.8	37	33.4	25.3	17.8	9.3	-12.2	-90	28.4
MS-10	41	37.3	33.7	25.6	18.2	9.7	-11.1	-87	28.7
MS-11	30.3	26	24.7	19.4	15	9.6	-10.1	-84	21.4
MS-12	29.7	25.7	24.8	19.6	15.2	9.9	-9.6	-82.3	21.5
MS-13	29.8	25.7	24.9	19.6	15.2	10	-9.4	-81.7	21.6
MS-14	40.8	37	33.4	25.3	18	9.9	-9.5	-82.2	28.4
MS-15	41.1	37.4	33.8	25.7	18.4	10	-10.3	-84.6	28.8
MS-16	41.1	37.4	33.8	25.7	18.3	9.9	-11.3	-87.5	28.8
MS-17	40.9	37.1	33.6	25.4	17.9	9.4	-12.3	-90.5	28.5
MS-18	40.6	36.9	33.3	25.1	17.5	8.8	-13.3	-93.5	28.2
MS-19	40.4	36.6	33	24.7	17.1	8.3	-14.4	-96.6	27.9
MS-20	40.1	36.4	32.7	24.4	16.7	7.8	-15.4	-99.5	27.6
LS-1	40.7	36.5	32.6	24.2	17.9	11.9	-11	-96.4	27.8
LS-2	35.9	31.6	28.1	22.6	17.8	11.7	-11.3	-97.4	24.8
LS-3	35.9	31.5	28.1	22.5	17.7	11.6	-11.5	-97.9	24.7
LS-4	35.8	31.5	28.1	22.6	17.7	11.7	-11.4	-97.7	24.7
LS-5	35.7	31.4	28.2	22.7	17.9	11.9	-10.9	-96.1	24.9
LS-6	35.5	31.1	28.4	23	18.2	12.3	-10	-93.4	25.1
LS-7	35.2	30.8	28.6	23.2	18.6	12.8	-9.1	-90.7	25.3
LS-8	34.7	30.4	28.9	23.5	18.9	13.2	-8.1	-87.7	25.5
LS-9	34.1	30.1	29.1	23.8	19.2	13.6	-7.2	-85	25.7
LS-10	33.2	30.3	29.4	24.1	19.6	14.1	-6.1	-82	26
LS-11	32.4	30.5	29.6	24.3	19.9	14.5	-5.4	-79.8	26.2
LS-12	32.1	30.6	29.7	24.4	20	14.7	-5	-78.5	26.4
LS-13	32.1	30.6	29.8	24.5	20.1	14.8	-4.7	-77.8	26.4
LS-14	32.5	30.6	29.7	24.5	20.1	14.7	-4.9	-78.2	26.4
LS-15	38.9	34.7	30.8	24.3	19.8	14.4	-5.5	-80	27.1
LS-16	39.6	35.4	31.5	24	19.5	14	-6.4	-82.8	27.4
LS-17	40	35.8	31.9	23.7	19.2	13.6	-7.4	-85.6	27.5
LS-18	40.3	36.1	32.2	23.9	18.8	13.1	-8.4	-88.6	27.6
LS-19	40.5	36.3	32.4	24	18.5	12.6	-9.3	-91.4	27.7
LS-20	40.7	36.5	32.5	24.1	18.1	12.2	-10.3	-94.3	27.8
R22	67.4	65.8	64.7	59.4	55	50	32.7	-30.3	61.4
TS-1	53.5	51.7	50	43.4	37.3	29.7	7.7	-67.7	45.4
TS-2	51.8	49.1	46.3	38.7	31.7	23.5	0.7	-76.9	41.3
TS-3	50.7	47.6	44.5	36.6	29.4	21.1	-2.2	-80	39.5
TS-4	53.6	52.2	51.3	45.9	41.4	35.9	15.4	-61.3	47.9
TS-5	53.7	52.3	51.4	46.1	41.6	36.1	15.9	-59.9	48
TS-6	51.2	48.2	45.2	37.4	30.2	22	-0.9	-77.9	40.1
TS-7	52.1	49.4	46.7	39.1	32.1	24.1	1.7	-74	41.7
TS-8	53.1	50.7	48.5	41.3	34.6	26.8	4.9	-69.2	43.6
TS-9	54.1	52.4	50.9	44.6	38.8	31.6	10.7	-61.4	46.5
TS-10	54.7	53.4	52.6	47.4	43.2	38.2	20.1	-47.5	49.4
TS-11	55	53.7	52.9	47.8	43.7	38.8	21.4	-43.8	49.8

TS-12	55.4	54	53.3	48.2	44.1	39.4	22.6	-40.2	50.2
TS-13	55.6	54.3	53.5	48.5	44.5	39.8	23.5	-37.8	50.5
TS-14	55.7	54.4	53.7	48.6	44.7	40.1	24	-36.3	50.7
TS-15	55.6	54.3	53.5	48.4	44.4	39.8	23.4	-37.9	50.5
TS-16	55.4	54	53.3	48.2	44.1	39.5	22.7	-40.1	50.3
TS-17	55.1	53.8	53	47.9	43.8	39	21.7	-42.9	49.9
TS-18	54.9	53.5	52.7	47.6	43.4	38.5	20.8	-45.6	49.6
TS-19	54.6	53.3	52.4	47.2	43	38	19.7	-48.7	49.2
TS-20	54.4	53	52.1	46.9	42.6	37.4	18.5	-52	48.9
MS-1	33.9	29.6	25.8	19.6	15.2	10	-9.4	-81.7	22.3
MS-2	34.4	30.1	26.3	19.3	14.9	9.5	-10.3	-84.4	22.4
MS-3	34.6	30.4	26.5	19.1	14.7	9.2	-10.9	-86.4	22.4
MS-4	40.9	37.2	33.6	25.4	18	9.6	-11.3	-87.5	28.5
MS-5	40.8	37.1	33.5	25.3	17.9	9.6	-10.9	-86.3	28.4
MS-6	34.6	30.4	26.5	19.3	14.9	9.6	-10.2	-84.3	22.6
MS-7	34.5	30.2	26.4	19.6	15.2	10	-9.4	-81.9	22.6
MS-8	34.3	30	26.2	19.8	15.5	10.4	-8.6	-79.4	22.7
MS-9	33.8	29.6	25.8	20.1	15.9	10.8	-7.7	-76.8	22.7
MS-10	33.2	28.9	25.6	20.4	16.2	11.3	-6.7	-74	22.7
MS-11	32	27.8	25.9	20.8	16.6	11.8	-5.6	-70.8	22.9
MS-12	31.5	27.2	26.2	21.1	17.1	12.4	-4.5	-67.6	23.2
MS-13	31.7	27.4	26.5	21.4	17.4	12.8	-3.7	-65.2	23.5
MS-14	42.3	38.5	35.1	27.2	20.3	13	-3.2	-63.9	30.2
MS-15	44.3	40.9	37.6	29.8	23	15.4	-3.7	-65.2	32.7
MS-16	32	27.7	26.3	21.2	17.1	12.4	-4.5	-67.4	23.3
MS-17	32.3	28	26	20.9	16.7	11.9	-5.4	-70.1	23
MS-18	32.7	28.4	25.7	20.6	16.4	11.5	-6.3	-72.8	22.8
MS-19	33	28.7	25.4	20.2	16	11	-7.3	-75.7	22.5
MS-20	33.3	29.1	25.2	19.9	15.6	10.5	-8.3	-78.6	22.3
LS-1	36	31.7	29.9	24.7	20.3	15.1	-4.2	-76.2	26.7
LS-2	36.5	32.2	29.7	24.4	20	14.7	-4.9	-78.4	26.6
LS-3	42.5	38.4	34.6	26.4	19.8	14.4	-5.6	-80.3	29.8
LS-4	41.9	37.7	33.9	25.6	19.7	14.2	-5.9	-81.3	29.2
LS-5	41.8	37.7	33.9	25.6	19.8	14.4	-5.6	-80.3	29.1
LS-6	36.9	32.6	29.7	24.4	20	14.7	-4.9	-78.3	26.6
LS-7	36.6	32.4	29.9	24.7	20.3	15.1	-4.2	-76.1	26.8
LS-8	36.3	32	30.2	24.9	20.6	15.5	-3.3	-73.6	27
LS-9	35.8	31.5	30.4	25.2	20.9	15.9	-2.5	-71.3	27.2
LS-10	34.9	31.5	30.7	25.5	21.3	16.4	-1.5	-68.5	27.5
LS-11	34.2	31.7	30.9	25.7	21.6	16.8	-0.7	-66.1	27.8
LS-12	33.9	31.9	31.1	26	21.9	17.2	0.2	-63.5	28.1
LS-13	34	32.1	31.4	26.3	22.3	17.6	1	-61.2	28.4
LS-14	39.5	35.2	31.5	26.4	22.4	17.8	1.4	-60	28.8
LS-15	39.9	35.7	32	26.3	22.3	17.6	1	-61.1	28.9
LS-16	34.3	31.9	31.2	26.1	22	17.3	0.3	-63.2	28.1
LS-17	34.6	31.7	30.9	25.8	21.7	16.8	-0.6	-65.6	27.8
LS-18	34.8	31.5	30.7	25.5	21.3	16.4	-1.5	-68.3	27.5
LS-19	35.1	31.2	30.4	25.2	21	16	-2.4	-70.9	27.2
LS-20	35.6	31.3	30.1	24.9	20.6	15.5	-3.4	-73.9	26.9
R23	69.4	67.9	67	62	58.2	54.1	40.7	-7.9	64.2
TS-1	56.6	55.3	54.6	49.7	45.9	41.7	27.1	-27.6	51.8
TS-2	54.8	52.5	50.2	43.2	36.9	29.8	11.7	-48.6	45.5
TS-3	53.1	50.2	47.3	39.8	33.1	25.8	6.9	-54.9	42.4
TS-4	51.7	48.4	45.2	37.5	30.6	23.1	3.8	-57.8	40.3
TS-5	51.4	48	44.8	37	30.2	22.6	3.5	-57.7	39.9
TS-6	51.5	48.1	44.9	37.1	30.3	22.8	3.8	-56.7	40
TS-7	51.7	48.3	45.2	37.4	30.6	23.2	4.4	-55.2	40.3
TS-8	56	54.7	54	48.9	45	40.6	24.9	-33.7	51
TS-9	56.2	54.9	54.2	49.2	45.3	40.9	25.6	-31.9	51.3
TS-10	56.4	55.1	54.4	49.4	45.6	41.3	26.3	-29.8	51.6
TS-11	56.2	54.6	53.2	47.2	41.8	35.5	18.5	-38.3	49.1
TS-12	57.2	55.9	55.3	50.4	46.7	42.7	29	-22.2	52.6

TS-13	57.6	56.3	55.7	50.9	47.3	43.4	30.4	-18.4	53.2
TS-14	58	56.8	56.2	51.4	47.9	44.1	31.7	-14.8	53.7
TS-15	58	56.8	56.2	51.4	47.9	44.2	31.8	-14.6	53.7
TS-16	57.9	56.7	56.1	51.3	47.7	44	31.4	-15.6	53.6
TS-17	57.7	56.5	55.9	51	47.5	43.6	30.8	-17.3	53.3
TS-18	57.5	56.2	55.6	50.8	47.2	43.3	30.1	-19.2	53
TS-19	57.2	56	55.4	50.5	46.8	42.8	29.2	-21.5	52.7
TS-20	57	55.7	55	50.1	46.4	42.3	28.3	-24.1	52.3
MS-1	34.6	30.4	27.7	22.7	18.9	14.7	0.1	-54.4	25.1
MS-2	35.5	31.3	27.6	22.2	18.4	14	-1.2	-58.2	24.8
MS-3	35.8	31.6	27.9	21.9	17.9	13.5	-2.3	-61.4	24.7
MS-4	35.9	31.7	28	21.6	17.6	13	-3.2	-64	24.6
MS-5	35.9	31.8	28.1	21.6	17.6	13	-3.2	-63.9	24.6
MS-6	36	31.8	28.1	21.7	17.7	13.2	-2.9	-62.9	24.7
MS-7	36	31.9	28.2	21.8	17.9	13.4	-2.4	-61.5	24.8
MS-8	44.5	41.1	37.8	30.1	23.3	16	-1.8	-60	33
MS-9	44.8	41.4	38.2	30.5	23.8	16.5	-1.2	-58.2	33.3
MS-10	43.2	39.4	36.1	28.2	21.5	14.4	-0.5	-56.2	31.2
MS-11	35.4	31.2	27.8	22.8	19.1	14.9	0.5	-53.4	25.3
MS-12	35.1	30.9	28.3	23.4	19.7	15.7	2	-49.3	25.8
MS-13	46.2	42.8	39.7	32.1	25.6	18.8	3.3	-45.5	34.9
MS-14	46.2	42.7	39.6	32	25.6	18.9	4.5	-42.4	34.8
MS-15	33.4	29.7	29.2	24.3	20.8	17.1	4.6	-42.1	26.7
MS-16	33.4	29.6	29	24.2	20.7	16.9	4.2	-43.1	26.5
MS-17	33.7	29.5	28.8	24	20.4	16.6	3.6	-44.7	26.3
MS-18	33.6	29.4	28.6	23.7	20.1	16.2	3	-46.6	26
MS-19	33.7	29.5	28.3	23.4	19.8	15.8	2.2	-48.8	25.7
MS-20	34	29.8	28	23.1	19.4	15.3	1.2	-51.3	25.4
LS-1	36.6	33.3	32.7	27.7	23.9	19.7	5.2	-49.3	29.9
LS-2	37.5	33.2	32.3	27.3	23.5	19.2	4.1	-52.4	29.5
LS-3	38	33.8	32	27	23	18.6	2.9	-55.6	29.2
LS-4	38.3	34.1	31.7	26.7	22.7	18.2	2.2	-57.8	29
LS-5	38.4	34.2	31.7	26.7	22.7	18.2	2.2	-57.7	29
LS-6	38.4	34.2	31.9	26.8	22.9	18.4	2.6	-56.7	29.1
LS-7	38.4	34.2	32	27	23.1	18.6	3	-55.3	29.2
LS-8	44.1	40.1	36.5	28.6	23.3	18.9	3.6	-53.8	32
LS-9	44	40	36.4	28.5	23.5	19.2	4.1	-52.3	32
LS-10	43.8	39.8	36.2	28.3	23.8	19.6	4.9	-50.2	31.9
LS-11	43.2	39.1	35.6	27.9	24.1	20	5.6	-48.1	31.6
LS-12	43.2	39	35.5	28.3	24.6	20.6	6.8	-44.8	31.8
LS-13	42.5	38.3	34.8	28.8	25.2	21.3	8.1	-41	31.8
LS-14	41.9	37.7	34.2	29.2	25.6	21.8	9.1	-38.4	31.8
LS-15	35.8	34.6	34	29.2	25.6	21.8	9.1	-38.3	31.5
LS-16	35.7	34.5	33.9	29.1	25.5	21.7	8.8	-39.2	31.3
LS-17	36	34.3	33.7	28.8	25.2	21.4	8.3	-40.7	31.1
LS-18	36	34.1	33.5	28.6	25	21	7.6	-42.6	30.8
LS-19	36	33.9	33.2	28.3	24.7	20.6	6.9	-44.5	30.6
LS-20	36.2	33.6	32.9	28	24.3	20.2	6	-47	30.2
R24	70.5	68.9	68.2	63.3	59.9	56.4	45.5	5.5	65.7
TS-1	58.5	57.3	56.7	52	48.5	44.9	33.2	-10.8	54.3
TS-2	56.5	54.2	52.1	45.2	39.3	32.8	17.4	-32.3	47.6
TS-3	54.3	51.2	48.4	40.9	34.5	27.8	11.6	-39.1	43.6
TS-4	52.6	49.2	46	38.4	31.9	24.9	8.8	-42.7	41.2
TS-5	52	48.5	45.3	37.6	31	24	8.5	-43.5	40.5
TS-6	51.9	48.3	45.1	37.4	30.8	23.8	8.6	-43.2	40.3
TS-7	51.9	48.4	45.2	37.5	30.9	23.9	8.9	-42.4	40.4
TS-8	52.2	48.7	45.5	37.8	31.3	24.3	9.2	-41.6	40.7
TS-9	52.6	49.1	45.9	38.3	31.8	24.9	9.6	-40.5	41.1
TS-10	53.1	49.7	46.6	39	32.5	25.7	10.1	-39.1	41.8
TS-11	57.8	56.5	56	51.1	47.6	43.8	31	-16.6	53.4
TS-12	58.4	57.1	56.6	51.8	48.3	44.7	32.8	-11.9	54.1
TS-13	58.9	57.7	57.2	52.4	49	45.6	34.3	-7.7	54.8

TS-14	59.5	58.3	57.8	53.1	49.8	46.5	36	-3.3	55.6
TS-15	59.7	58.5	58	53.3	50.1	46.8	36.5	-1.9	55.8
TS-16	59.7	58.5	58	53.3	50.1	46.8	36.6	-1.9	55.8
TS-17	59.6	58.4	57.9	53.2	49.9	46.7	36.3	-2.6	55.7
TS-18	59.4	58.2	57.7	53	49.7	46.4	35.8	-3.8	55.5
TS-19	59.2	58	57.5	52.8	49.4	46.1	35.2	-5.4	55.2
TS-20	58.9	57.7	57.2	52.5	49.1	45.6	34.4	-7.5	54.8
MS-1	35.5	31.3	29.7	25	21.5	18	6.2	-37.7	27.4
MS-2	36.4	32.3	29.2	24.4	20.9	17.1	4.7	-41.9	26.9
MS-3	36.8	32.6	29.1	23.9	20.3	16.4	3.3	-45.7	26.5
MS-4	36.8	32.7	29.1	23.4	19.7	15.7	2.1	-49	26.2
MS-5	36.8	32.7	29.1	23.3	19.6	15.6	1.9	-49.6	26.2
MS-6	36.9	32.7	29.2	23.4	19.7	15.7	2	-49.4	26.2
MS-7	36.9	32.8	29.2	23.5	19.8	15.8	2.2	-48.6	26.3
MS-8	36.9	32.8	29.2	23.6	19.9	16	2.5	-47.8	26.4
MS-9	37	32.8	29.3	23.7	20.1	16.2	2.9	-46.7	26.5
MS-10	37	32.9	29.3	23.9	20.3	16.4	3.4	-45.3	26.7
MS-11	46.1	42.6	39.5	31.9	25.5	18.8	4.2	-43.1	34.7
MS-12	46.7	43.3	40.2	32.7	26.4	19.8	5.8	-38.8	35.5
MS-13	47.2	43.8	40.8	33.3	27	20.6	7.4	-34.6	36.1
MS-14	35.3	31.2	30.7	26.1	22.8	19.4	8.9	-30.7	28.5
MS-15	34.8	31.4	30.9	26.3	23	19.7	9.4	-29.4	28.7
MS-16	34.9	31.4	30.9	26.3	23	19.7	9.3	-29.4	28.7
MS-17	35	31.3	30.8	26.1	22.9	19.6	9.1	-30.1	28.6
MS-18	34.9	31.1	30.7	26	22.7	19.3	8.6	-31.3	28.4
MS-19	34.9	30.9	30.4	25.7	22.4	19	8.1	-32.8	28.2
MS-20	35	30.9	30.1	25.4	22	18.5	7.3	-34.9	27.8
LS-1	37.6	35.2	34.7	29.9	26.5	22.9	11.1	-32.9	32.3
LS-2	38.5	34.8	34.3	29.5	25.9	22.2	9.9	-36.3	31.8
LS-3	39.1	34.9	33.8	28.9	25.3	21.5	8.5	-40.1	31.3
LS-4	39.3	35.1	33.4	28.6	24.9	21	7.5	-42.9	30.9
LS-5	39.4	35.2	33.4	28.5	24.8	20.9	7.3	-43.3	30.8
LS-6	39.4	35.3	33.4	28.5	24.9	20.9	7.4	-43.1	30.9
LS-7	39.5	35.3	33.5	28.6	25	21.1	7.7	-42.3	31
LS-8	39.5	35.3	33.6	28.8	25.1	21.2	8	-41.4	31.1
LS-9	39.4	35.3	33.7	28.9	25.3	21.4	8.3	-40.6	31.2
LS-10	39.4	35.2	33.9	29.1	25.5	21.7	8.8	-39.2	31.4
LS-11	45.1	41	37.5	29.8	25.8	22	9.5	-37.5	33.5
LS-12	44.8	40.8	37.3	29.8	26.3	22.7	10.7	-34	33.5
LS-13	44.4	40.3	36.8	30.4	27	23.6	12.3	-29.8	33.7
LS-14	37.5	36.1	35.6	30.9	27.6	24.2	13.5	-26.6	33.3
LS-15	37.4	36.2	35.7	31.1	27.8	24.4	13.9	-25.7	33.5
LS-16	37.4	36.2	35.7	31.1	27.8	24.4	13.9	-25.6	33.5
LS-17	37.4	36.1	35.6	30.9	27.6	24.3	13.6	-26.4	33.4
LS-18	37.3	36	35.5	30.8	27.4	24.1	13.2	-27.4	33.2
LS-19	37.2	35.8	35.3	30.6	27.2	23.8	12.7	-28.7	33
LS-20	37.4	35.5	35	30.3	26.9	23.4	11.9	-30.8	32.6
R25	70.3	68.6	67.8	62.7	59.2	55.7	45	5.4	65.2
TS-1	59	57.8	57.3	52.6	49.2	45.8	34.7	-6.8	55
TS-2	57.7	55.9	54.4	48.2	42.7	36.7	22.2	-25.1	50.2
TS-3	55.6	52.9	50.4	43.2	37	30.4	14.9	-35.2	45.7
TS-4	53.7	50.5	47.5	39.9	33.5	26.6	10.4	-40	42.7
TS-5	52.8	49.4	46.3	38.6	32.1	25.2	9.2	-41.6	41.5
TS-6	52.4	49	45.8	38.2	31.6	24.7	9.1	-42.1	41
TS-7	52.4	48.9	45.7	38.1	31.5	24.6	9	-42.1	40.9
TS-8	52.4	48.9	45.7	38.1	31.5	24.6	9.1	-42.1	40.9
TS-9	52.5	49	45.8	38.2	31.7	24.7	9.1	-41.8	41
TS-10	52.9	49.5	46.4	38.8	32.3	25.4	9.4	-41.2	41.6
TS-11	53.8	50.6	47.7	40.1	33.7	26.9	10.7	-39.5	42.9
TS-12	55.8	53.1	50.6	43.5	37.3	30.7	15.4	-34.3	46
TS-13	57.9	56.2	54.8	48.6	43.3	37.5	23.1	-23.8	50.7
TS-14	59.1	57.9	57.4	52.7	49.3	45.9	34.9	-6.2	55.1

TS-15	59.4	58.2	57.7	53	49.7	46.4	35.8	-3.7	55.5
TS-16	59.6	58.4	57.9	53.2	49.9	46.7	36.3	-2.7	55.7
TS-17	59.6	58.4	57.9	53.3	50	46.7	36.4	-2.3	55.7
TS-18	59.6	58.4	57.9	53.3	50	46.7	36.4	-2.4	55.7
TS-19	59.5	58.3	57.8	53.2	49.9	46.6	36.1	-3	55.6
TS-20	59.4	58.1	57.7	53	49.7	46.3	35.7	-4.2	55.4
MS-1	35.3	31.2	30.3	25.5	22.2	18.7	7.6	-34	28
MS-2	36.4	32.3	29.7	24.9	21.5	17.8	6	-38.3	27.4
MS-3	36.8	32.7	29.2	24.3	20.8	17	4.5	-42.4	26.9
MS-4	37	32.8	29.3	23.8	20.2	16.3	3.1	-46.3	26.5
MS-5	37	32.9	29.3	23.6	19.9	16	2.6	-47.7	26.4
MS-6	37	32.9	29.3	23.5	19.9	15.9	2.4	-48.2	26.4
MS-7	37	32.9	29.3	23.5	19.8	15.9	2.3	-48.3	26.4
MS-8	37	32.9	29.3	23.5	19.9	15.9	2.4	-48.2	26.4
MS-9	37	32.9	29.3	23.5	19.9	15.9	2.5	-48	26.4
MS-10	37	32.9	29.3	23.6	20	16.1	2.7	-47.3	26.5
MS-11	37	32.8	29.3	23.8	20.2	16.3	3.2	-45.9	26.6
MS-12	36.8	32.7	29.2	24.4	20.9	17.1	4.7	-41.9	27
MS-13	36.4	32.2	29.8	25	21.6	18	6.2	-37.7	27.5
MS-14	35.3	31.1	30.3	25.6	22.3	18.9	7.8	-33.4	28.1
MS-15	34.8	31.1	30.7	26	22.7	19.3	8.7	-31.2	28.4
MS-16	35	31.3	30.8	26.1	22.9	19.5	9.1	-30.2	28.6
MS-17	34.9	31.3	30.9	26.2	22.9	19.6	9.2	-29.8	28.7
MS-18	34.9	31.3	30.9	26.2	22.9	19.6	9.2	-29.9	28.6
MS-19	35	31.3	30.8	26.1	22.8	19.5	9	-30.4	28.6
MS-20	34.9	31.1	30.6	25.9	22.6	19.2	8.5	-31.7	28.3
LS-1	37.5	35.7	35.2	30.5	27.1	23.6	12.4	-29.5	32.9
LS-2	38.4	35.2	34.7	29.9	26.5	22.9	11.1	-33	32.3
LS-3	39	34.8	34.2	29.3	25.8	22.1	9.6	-37.2	31.7
LS-4	39.3	35.1	33.7	28.9	25.3	21.4	8.4	-40.4	31.2
LS-5	39.4	35.2	33.6	28.8	25.1	21.2	8	-41.4	31.1
LS-6	39.5	35.3	33.5	28.7	25.1	21.1	7.8	-41.9	31
LS-7	39.5	35.3	33.6	28.7	25.1	21.1	7.8	-41.9	31
LS-8	39.5	35.3	33.6	28.7	25.1	21.1	7.9	-41.9	31
LS-9	39.5	35.3	33.6	28.7	25.1	21.2	7.9	-41.7	31.1
LS-10	39.4	35.2	33.7	28.8	25.2	21.3	8.1	-41.1	31.1
LS-11	39.3	35.1	33.8	29	25.4	21.5	8.6	-39.9	31.3
LS-12	39	34.8	34.2	29.4	25.9	22.2	9.8	-36.7	31.7
LS-13	38.3	35.3	34.8	30	26.6	23	11.3	-32.5	32.4
LS-14	37.4	35.8	35.3	30.5	27.2	23.7	12.6	-28.9	32.9
LS-15	37.2	36	35.5	30.8	27.5	24.1	13.2	-27.4	33.2
LS-16	37.3	36.1	35.6	30.9	27.6	24.3	13.6	-26.3	33.4
LS-17	37.4	36.2	35.7	31	27.7	24.3	13.7	-26.1	33.4
LS-18	37.4	36.1	35.7	31	27.7	24.3	13.7	-26.2	33.4
LS-19	37.3	36.1	35.6	30.9	27.6	24.2	13.5	-26.6	33.3
LS-20	37.2	35.9	35.4	30.7	27.4	24	13	-27.8	33.1
R26	69.9	67.3	65.4	59	54	49	38.5	5.9	61.4
TS-1	50.6	46.7	43.4	35.7	29.3	25	13.2	-30.7	38.7
TS-2	50.3	46.4	43	35.4	28.9	24.7	12.8	-31.8	38.4
TS-3	50.2	46.4	43	35.3	28.9	24.7	12.7	-32.1	38.4
TS-4	50.5	46.6	43.3	35.6	29.2	24.8	12.9	-31.6	38.7
TS-5	51.3	47.5	44.2	36.6	30.2	25.3	13.9	-28.9	39.6
TS-6	52.3	48.5	45.3	37.7	31.4	25.9	14.9	-26.1	40.6
TS-7	53.1	49.5	46.3	38.8	32.6	26.6	16.2	-22.8	41.7
TS-8	53.9	50.3	47.1	39.6	33.5	27.3	17.4	-19.7	42.5
TS-9	54.8	51.3	48.2	40.8	34.7	28.7	18.8	-16.2	43.6
TS-10	56.1	52.6	49.7	42.3	36.4	30.5	20.1	-12.9	45.1
TS-11	58.2	55.1	52.4	45.3	39.5	33.8	22.6	-9.2	47.9
TS-12	61.5	59.9	58.7	52.9	48.2	43.2	32.8	0.6	55
TS-13	61.5	59.9	58.6	52.8	48	43	32.6	0.7	54.9
TS-14	60.9	59	57.4	51.1	45.9	40.6	29.8	-2.9	53.3
TS-15	59.2	56.7	54.4	47.5	41.9	36.2	24.8	-10.1	50

TS-16	57.8	54.8	52.2	45.1	39.2	33.3	21.3	-14.4	47.7
TS-17	56.3	53.1	50.3	43	36.9	30.9	18.3	-17.9	45.7
TS-18	55.1	51.8	48.8	41.4	35.3	29.1	16.8	-21.2	44.1
TS-19	54	50.5	47.4	40	33.7	27.4	15.5	-24.6	42.8
TS-20	53.2	49.6	46.4	38.9	32.6	26.1	14.4	-27.6	41.7
MS-1	37.6	33.5	30	25.1	21.7	18.1	6.5	-36.9	27.8
MS-2	37.5	33.4	29.9	24.9	21.5	17.9	6.1	-38	27.6
MS-3	37.5	33.4	29.9	24.9	21.4	17.8	6	-38.3	27.6
MS-4	37.5	33.4	29.9	25	21.5	17.9	6.2	-37.8	27.7
MS-5	37.7	33.6	30.1	25.3	21.9	18.4	7.1	-35.4	28
MS-6	37.9	33.8	30.5	25.8	22.4	19	8.1	-32.6	28.4
MS-7	38.1	34	30.9	26.3	23	19.7	9.3	-29.4	28.9
MS-8	38.2	34.1	31.4	26.8	23.6	20.4	10.6	-26.3	29.5
MS-9	38.2	34.1	31.9	27.3	24.2	21.2	11.8	-22.9	30
MS-10	37.9	33.8	32.5	27.9	24.8	21.9	13.1	-19.7	30.6
MS-11	37.3	33.4	33.1	28.5	25.5	22.7	14.5	-16.4	31.2
MS-12	36.9	33.8	33.4	28.9	25.9	23.2	15.2	-14.5	31.6
MS-13	37	33.8	33.5	29	26	23.3	15.4	-14	31.7
MS-14	37.4	33.7	33.3	28.8	25.8	23	15	-15.1	31.5
MS-15	44	40	36.7	29.2	25.2	22.3	13.8	-18	32.9
MS-16	43.4	39.4	36.1	28.6	24.5	21.5	12.5	-21.3	32.2
MS-17	42.8	38.8	35.5	27.9	23.9	20.8	11.2	-24.6	31.6
MS-18	42.2	38.3	34.9	27.3	23.3	20	9.9	-27.9	31
MS-19	41.7	37.7	34.3	26.7	22.7	19.3	8.7	-31.2	30.4
MS-20	41.3	37.3	33.9	26.2	22.1	18.7	7.5	-34.2	29.8
LS-1	40.6	36.5	35	30.3	26.9	23.3	11.9	-30.9	32.7
LS-2	40.6	36.4	34.9	30.1	26.7	23.2	11.6	-31.7	32.6
LS-3	40.6	36.4	34.8	30.1	26.7	23.1	11.5	-32	32.5
LS-4	40.6	36.4	34.9	30.1	26.7	23.2	11.6	-31.6	32.6
LS-5	40.6	36.5	35.1	30.4	27	23.6	12.3	-29.8	32.9
LS-6	40.7	36.6	35.6	30.9	27.5	24.2	13.4	-26.9	33.3
LS-7	40.7	36.6	36	31.3	28	24.8	14.5	-24.1	33.8
LS-8	40.6	36.9	36.5	31.8	28.6	25.5	15.7	-20.9	34.4
LS-9	40.4	37.4	36.9	32.3	29.2	26.2	16.9	-17.9	34.9
LS-10	40	37.9	37.5	32.9	29.9	26.9	18.2	-14.6	35.5
LS-11	39.5	38.3	37.9	33.4	30.3	27.5	19.1	-12.2	36
LS-12	39.7	38.5	38.2	33.6	30.6	27.9	19.7	-10.8	36.3
LS-13	39.8	38.6	38.3	33.7	30.7	28	19.9	-10.3	36.4
LS-14	39.7	38.5	38.1	33.6	30.6	27.8	19.6	-11	36.3
LS-15	45.5	41.5	38.1	33.2	30.1	27.3	18.7	-13.2	36.2
LS-16	45.7	41.7	38.3	32.6	29.5	26.5	17.4	-16.5	35.8
LS-17	45.6	41.5	38.2	32.1	28.9	25.8	16.2	-19.5	35.4
LS-18	45.2	41.2	37.7	31.5	28.3	25.1	15	-22.8	34.8
LS-19	44.9	40.8	37.4	31	27.7	24.4	13.8	-25.7	34.4
LS-20	40.7	36.6	35.3	30.6	27.2	23.8	12.7	-28.8	33
NokiaTheater	79.2	77.9	77.7	73.6	71.3	69.9	67.9	60.5	77.5
TS-1	52.9	48.9	47.7	43.4	41	39.2	35.6	22.3	46.9
TS-2	55.5	51.5	49.8	45.6	43.2	41.6	38.8	28.3	49.3
TS-3	73	72	71.9	67.7	65.5	64	61.8	53.5	71.5
TS-4	74.9	73.8	73.7	69.6	67.4	66	64.2	57.5	73.6
TS-5	73.7	72.7	72.6	68.4	66.2	64.7	62.7	55	72.3
TS-6	56.7	52.8	50.9	46.8	44.4	42.9	40.4	31.2	50.6
TS-7	54.8	50.8	49.2	45	42.6	41	38	26.7	48.7
TS-8	53	49.1	47.8	43.6	41.1	39.4	35.9	22.7	47.1
TS-9	51.3	47.3	46.5	42.2	39.7	37.8	33.7	18.5	45.6
TS-10	49.6	45.6	45.4	41.1	38.5	36.5	31.9	14.7	44.3
TS-11	47.7	44.6	44.3	40	37.4	35.2	30.1	10.8	43.1
TS-12	53.8	49.9	46.7	39.4	36.7	34.4	28.9	8.2	43.6
TS-13	52.9	49	45.8	38.9	36.2	33.9	28.1	6.4	42.9
TS-14	52.3	48.4	45.2	38.6	35.8	33.5	27.5	5	42.4
TS-15	52.8	48.9	45.7	38.9	36.2	33.9	28.1	6.5	42.9
TS-16	53.5	49.6	46.4	39.4	36.7	34.5	29	8.5	43.5

TS-17	54.6	50.7	47.5	40.2	37.4	35.3	30.2	10.9	44.4
TS-18	55.7	51.9	48.7	41.5	38.1	36	31.2	13.3	45.4
TS-19	57.3	53.5	50.4	43.2	38.9	36.9	32.4	15.8	46.8
TS-20	59.3	55.6	52.6	45.4	39.9	37.8	33.7	18.4	48.6
MS-1	42.4	41.1	41	36.7	34.3	32.6	29.1	16.2	40.2
MS-2	51.1	47.2	44.1	38.8	36.5	34.9	32.1	21.9	42.9
MS-3	53.5	49.6	46.5	41.1	38.9	37.4	35.3	27.3	45.4
MS-4	55.5	51.6	48.5	43	40.8	39.4	37.7	31.2	47.4
MS-5	54.2	50.3	47.3	41.8	39.6	38.2	36.2	28.9	46.2
MS-6	52.3	48.4	45.3	40	37.7	36.2	33.8	24.9	44.2
MS-7	43.6	42.6	42.5	38.3	35.9	34.3	31.4	20.5	41.9
MS-8	42.4	41.1	41	36.8	34.3	32.6	29.2	16.3	40.2
MS-9	41.3	39.9	39.7	35.4	32.9	31.1	27.1	12.2	38.8
MS-10	40.2	38.8	38.6	34.3	31.7	29.7	25.2	8.4	37.5
MS-11	39	37.8	37.6	33.3	30.6	28.5	23.5	4.7	36.4
MS-12	44.1	40.1	37	32.6	30	27.8	22.4	2.3	35.9
MS-13	43.5	39.5	36.5	32.2	29.5	27.2	21.6	0.5	35.4
MS-14	43.1	39.1	36.2	31.9	29.1	26.9	21	-0.8	35
MS-15	43.4	39.4	36.5	32.2	29.5	27.2	21.6	0.5	35.4
MS-16	44	40	37	32.7	30	27.9	22.5	2.6	35.9
MS-17	44.7	40.7	37.7	33.3	30.7	28.6	23.6	5	36.7
MS-18	45.4	41.4	38.3	34	31.4	29.4	24.8	7.4	37.4
MS-19	46.3	42.3	39.2	34.7	32.2	30.3	26	9.9	38.2
MS-20	47.4	43.4	40.3	35.6	33.1	31.2	27.3	12.7	39.2
LS-1	51.6	47.7	46.1	41.9	39.5	37.8	34.4	21.7	45.5
LS-2	52.9	48.9	47.8	43.6	41.2	39.6	36.8	26.3	47.3
LS-3	54.3	50.3	49.9	45.7	43.5	42	39.8	31.5	49.6
LS-4	55.1	51.3	51.2	47.1	44.9	43.5	41.6	34.5	51
LS-5	54.7	50.7	50.5	46.4	44.1	42.7	40.6	32.9	50.3
LS-6	53.6	49.7	48.9	44.7	42.4	40.9	38.4	29.1	48.5
LS-7	52.5	48.6	47.4	43.2	40.8	39.2	36.2	25.2	46.8
LS-8	51.4	47.4	45.9	41.7	39.3	37.5	34	21.1	45.2
LS-9	46	44.9	44.7	40.5	38	36.1	32.2	17.4	43.8
LS-10	44.9	43.8	43.6	39.3	36.8	34.8	30.3	13.5	42.6
LS-11	48.8	44.8	42.9	38.5	36	33.9	29	10.8	41.8
LS-12	48.2	44.2	42.3	38	35.4	33.2	28.1	8.8	41.2
LS-13	47.7	43.6	41.9	37.5	34.8	32.6	27.2	6.8	40.7
LS-14	47.4	43.3	41.6	37.2	34.5	32.3	26.7	5.6	40.3
LS-15	47.6	43.6	41.8	37.5	34.8	32.6	27.1	6.7	40.6
LS-16	48.1	44.1	42.4	38	35.4	33.3	28.1	8.9	41.2
LS-17	48.6	44.6	43	38.7	36.1	34	29.2	11.2	41.9
LS-18	49.3	45.3	43.7	39.4	36.8	34.9	30.4	13.7	42.7
LS-19	50	46	44.3	40.1	37.6	35.7	31.5	16.1	43.5
LS-20	50.8	46.8	45.2	41	38.5	36.7	33	19	44.5
Ritz-Flr1	77.1	75.5	74.9	70.3	67.6	65.5	61.3	46.9	73.6
TS-1	61.8	58.4	55.6	48.6	43.1	38.2	32.6	16.1	51.4
TS-2	64.9	62	59.5	52.6	47.4	42.6	35.9	20.7	55.3
TS-3	65.6	62.6	60.1	53.2	48	43.3	36.9	23.5	55.9
TS-4	69.5	68.5	68.3	64.1	61.7	60	56.6	44.2	67.6
TS-5	68.4	67.4	67.2	62.9	60.5	58.7	54.9	40.8	66.3
TS-6	67.4	66.3	66.1	61.8	59.3	57.4	53.1	37.2	65.1
TS-7	66.3	65.2	65	60.7	58.1	56	51.2	33.2	63.8
TS-8	65.4	64.3	64	59.7	57	54.9	49.5	29.5	62.8
TS-9	64.5	63.4	63.1	58.7	56	53.7	47.8	25.6	61.7
TS-10	63.8	62.6	62.3	57.9	55.1	52.7	46.3	22.2	60.8
TS-11	62.8	61.4	60.6	55.4	51.3	47.1	37.9	9.2	57.6
TS-12	61.4	59.3	57.6	51.1	45.9	40.6	30.5	0.3	53.4
TS-13	60.4	58	55.7	49	43.4	38	27.6	-3.3	51.4
TS-14	49	45	41.7	36.4	33.4	30.8	23.2	-5.1	39.6
TS-15	49.8	45.8	42.5	36.8	33.9	31.3	24.1	-3	40.2
TS-16	50.7	46.7	43.5	37.3	34.5	32	25.1	-0.6	40.9
TS-17	51.9	48	44.7	38	35.2	32.8	26.4	2.4	41.9

TS-18	53.3	49.4	46.2	38.8	35.9	33.6	27.6	5.3	42.9
TS-19	55.2	51.3	48.2	40.9	36.7	34.5	29	8.5	44.5
TS-20	57.6	53.8	50.8	43.5	37.9	35.5	30.5	11.7	46.7
MS-1	42.6	39.1	38.9	34.6	32	30.1	25.7	9.4	37.8
MS-2	43	40.3	40.1	35.9	33.4	31.6	27.8	13.6	39.3
MS-3	43.5	41.2	41	36.8	34.4	32.6	29.2	16.5	40.3
MS-4	54.7	51.1	48.1	41	35.6	32.9	29.5	17.1	44.2
MS-5	53.9	50.2	47.3	40.1	34.7	31.7	28	14.1	43.3
MS-6	52.8	49.1	46.1	39	33.5	30.4	26.2	10.4	42.1
MS-7	51.6	47.9	44.9	37.7	32.1	29.1	24.4	6.5	40.8
MS-8	50.5	46.8	43.7	36.5	30.9	28	22.7	2.8	39.6
MS-9	49.5	45.7	42.7	35.4	29.7	26.8	21	-0.9	38.5
MS-10	48.6	44.8	41.7	34.3	28.6	25.8	19.5	-4.3	37.5
MS-11	47.7	43.9	40.7	33.4	27.6	25	18.1	-7.6	36.5
MS-12	47	43.2	40	32.6	27	24.5	17.3	-9.4	35.9
MS-13	46.6	42.8	39.6	32.2	26.8	24.2	16.8	-10.6	35.4
MS-14	39.2	35.2	34.1	29.6	26.7	24	16.6	-11.1	32.4
MS-15	39.6	35.6	34.4	29.9	27.1	24.5	17.4	-9.3	32.8
MS-16	40.1	36.1	34.9	30.5	27.7	25.2	18.4	-6.7	33.4
MS-17	40.7	36.7	35.5	31.1	28.4	26	19.7	-3.9	34.1
MS-18	41.3	37.3	36.2	31.8	29.1	26.8	21	-0.9	34.9
MS-19	41.9	37.8	36.9	32.6	29.9	27.7	22.4	2.2	35.7
MS-20	42.3	38.3	37.8	33.5	30.9	28.8	23.9	5.5	36.7
LS-1	45.2	44	43.8	39.5	37	35	30.6	14.2	42.8
LS-2	46	44.9	44.7	40.5	38	36.1	32.2	17.4	43.8
LS-3	46.8	45.8	45.6	41.4	38.9	37.1	33.5	20.1	44.8
LS-4	52.2	48.3	45.8	41.5	39.1	37.3	33.8	20.6	45.1
LS-5	52.1	48.1	45.1	40.8	38.4	36.5	32.7	18.5	44.4
LS-6	51.9	47.9	44.8	39.7	37.2	35.3	31	14.9	43.4
LS-7	51.6	47.6	44.5	38.7	36.1	34.1	29.3	11.5	42.5
LS-8	51.2	47.2	44	37.7	35.1	32.9	27.6	7.8	41.6
LS-9	50.7	46.8	43.6	36.9	34.2	31.9	26.1	4.4	40.8
LS-10	50.2	46.3	43.1	36.1	33.3	30.9	24.6	0.9	40.1
LS-11	49.9	45.9	42.7	35.5	32.7	30.2	23.5	-1.5	39.6
LS-12	49.6	45.6	42.4	35.2	32.4	29.8	22.9	-3	39.2
LS-13	49.3	45.4	42.1	34.9	32.1	29.5	22.4	-4.3	38.9
LS-14	43.2	39.6	39.3	34.8	32	29.4	22.2	-4.8	37.7
LS-15	43.5	39.9	39.6	35.1	32.3	29.8	22.8	-3.3	38
LS-16	43.9	40.4	40.1	35.7	32.9	30.5	23.9	-0.8	38.6
LS-17	44.2	41	40.7	36.3	33.6	31.2	25	2	39.3
LS-18	44.6	41.7	41.4	37	34.3	32.1	26.4	5	40.1
LS-19	44.9	42.3	42.1	37.8	35.1	32.9	27.6	7.8	40.8
LS-20	45.2	43.2	43	38.7	36.1	34	29.2	11.2	41.8
Ritz-Flr27	80.9	79.7	79.5	75.1	72.5	70.4	65.6	49.8	78.3
TS-1	66.9	65.8	65.6	61.3	58.8	56.8	52.3	35.5	64.6
TS-2	68.2	67.1	66.9	62.7	60.2	58.4	54.5	40	66.1
TS-3	69	68	67.8	63.6	61.2	59.4	55.9	42.8	67
TS-4	69.3	68.2	68	63.8	61.4	59.7	56.2	43.5	67.3
TS-5	68.2	67.2	67	62.7	60.3	58.4	54.6	40.2	66.1
TS-6	67.2	66.1	65.9	61.6	59.1	57.2	52.8	36.6	64.9
TS-7	66.2	65.1	64.8	60.5	57.9	55.8	51	32.7	63.7
TS-8	65.3	64.2	63.9	59.6	56.9	54.7	49.3	29.1	62.6
TS-9	64.4	63.3	63	58.6	55.9	53.6	47.6	25.3	61.6
TS-10	63.7	62.6	62.3	57.8	55	52.6	46.1	21.9	60.7
TS-11	63	61.8	61.5	57.1	54.2	51.7	44.6	18.3	59.9
TS-12	62.6	61.5	61.1	56.7	53.8	51.1	43.8	16.3	59.4
TS-13	62.4	61.2	60.9	56.4	53.5	50.8	43.3	15.2	59.2
TS-14	62.3	61.1	60.8	56.3	53.4	50.7	43.1	14.6	59
TS-15	62.7	61.5	61.2	56.7	53.8	51.2	43.9	16.7	59.5
TS-16	63.1	62	61.7	57.2	54.4	51.9	45	19.1	60.1
TS-17	63.7	62.6	62.3	57.9	55.1	52.7	46.2	22.1	60.8
TS-18	64.3	63.2	62.9	58.5	55.8	53.5	47.4	24.9	61.5

TS-19	65	63.9	63.7	59.3	56.6	54.4	48.9	28.1	62.4
TS-20	65.8	64.7	64.5	60.1	57.5	55.4	50.3	31.3	63.3
MS-1	59.6	58.5	58.3	54	51.4	49.4	44.7	27.2	57.2
MS-2	57.6	54.7	52.3	45.5	40.2	35.4	28.4	11.1	48.2
MS-3	58.2	55.4	53	46.1	40.9	36.2	29.4	13.6	48.8
MS-4	61.5	60.4	60.3	56	53.6	51.8	48	34.1	59.4
MS-5	60.7	59.7	59.5	55.2	52.7	50.8	46.7	31.5	58.5
MS-6	59.8	58.7	58.5	54.2	51.7	49.7	45.1	28.2	57.4
MS-7	58.9	57.8	57.6	53.2	50.6	48.5	43.5	24.6	56.4
MS-8	58.1	56.9	56.7	52.3	49.7	47.4	41.9	21.1	55.4
MS-9	57.3	56.1	55.9	51.5	48.7	46.4	40.3	17.6	54.4
MS-10	56.6	55.4	55.1	50.7	47.9	45.5	38.9	14.3	53.6
MS-11	56	54.8	54.5	50	47.2	44.6	37.6	11.2	52.9
MS-12	55.6	54.5	54.1	49.7	46.8	44.2	36.8	9.4	52.4
MS-13	55.4	54.3	53.9	49.4	46.5	43.9	36.4	8.3	52.2
MS-14	55.3	54.2	53.8	49.3	46.4	43.7	36.2	7.8	52.1
MS-15	55.6	54.5	54.2	49.7	46.8	44.2	36.9	9.5	52.5
MS-16	56.1	55	54.7	50.2	47.4	44.8	37.9	12	53
MS-17	56.7	55.5	55.2	50.8	48	45.6	39.1	14.7	53.7
MS-18	57.3	56.1	55.9	51.5	48.7	46.4	40.3	17.6	54.4
MS-19	57.9	56.8	56.5	52.2	49.5	47.2	41.6	20.5	55.2
MS-20	58.6	57.5	57.3	53	50.3	48.2	43	23.7	56.1
LS-1	59.1	55.8	53	45.9	40.4	35.4	29.2	11.3	48.7
LS-2	57.2	53.5	50.5	43.3	37.8	35	30.6	14.2	46.4
LS-3	57.7	54	51	43.8	38.4	35.8	31.7	16.5	47
LS-4	65.9	64.8	64.6	60.3	57.8	56	51.9	36.9	63.7
LS-5	65.3	64.2	64.1	59.8	57.3	55.3	51.1	35.1	63.1
LS-6	64.5	63.4	63.2	58.9	56.3	54.3	49.6	32	62.1
LS-7	63.7	62.6	62.4	58	55.4	53.3	48.1	28.8	61.1
LS-8	62.9	61.8	61.5	57.2	54.5	52.2	46.6	25.5	60.2
LS-9	62.2	61.1	60.8	56.4	53.7	51.3	45.2	22.3	59.4
LS-10	61.5	60.4	60.1	55.7	52.8	50.4	43.8	19	58.5
LS-11	61.1	59.9	59.6	55.2	52.3	49.8	42.8	16.7	58
LS-12	60.8	59.6	59.3	54.9	52	49.4	42.2	15.3	57.7
LS-13	60.6	59.4	59.1	54.6	51.7	49.1	41.7	14.1	57.4
LS-14	60.5	59.3	59	54.5	51.6	48.9	41.5	13.6	57.3
LS-15	60.7	59.6	59.3	54.8	51.9	49.3	42.1	15	57.6
LS-16	61.2	60.1	59.8	55.3	52.5	50	43.1	17.4	58.2
LS-17	61.7	60.6	60.3	55.9	53.1	50.7	44.2	20	58.8
LS-18	62.3	61.2	60.9	56.5	53.8	51.5	45.4	22.8	59.5
LS-19	62.9	61.8	61.5	57.2	54.5	52.2	46.6	25.5	60.2
LS-20	63.6	62.5	62.3	58	55.3	53.2	48	28.6	61.1
Ritz-Flr54	79.6	78.5	78.2	73.8	71.1	68.7	62.8	42.6	76.8
TS-1	65.3	64.2	64	59.6	56.9	54.8	49.4	29.2	62.7
TS-2	66.2	65.1	64.8	60.5	57.9	55.8	51	32.7	63.7
TS-3	66.7	65.6	65.4	61.1	58.5	56.5	51.9	34.7	64.3
TS-4	66.8	65.7	65.5	61.2	58.7	56.7	52.1	35.1	64.4
TS-5	66.2	65.1	64.9	60.5	58	55.9	51	32.8	63.7
TS-6	65.5	64.4	64.2	59.8	57.2	55	49.8	30.1	62.9
TS-7	64.8	63.7	63.4	59	56.3	54.1	48.3	26.9	62
TS-8	64.1	63	62.7	58.3	55.6	53.2	47	23.9	61.3
TS-9	63.4	62.3	62	57.6	54.7	52.3	45.6	20.6	60.4
TS-10	62.8	61.7	61.4	56.9	54	51.5	44.3	17.6	59.7
TS-11	62.3	61.1	60.8	56.3	53.3	50.6	43	14.4	59
TS-12	61.9	60.8	60.4	55.9	52.9	50.2	42.3	12.6	58.6
TS-13	61.8	60.6	60.2	55.7	52.7	49.9	41.8	11.6	58.4
TS-14	61.7	60.5	60.1	55.6	52.6	49.8	41.6	11	58.3
TS-15	62	60.8	60.5	56	53	50.3	42.4	12.9	58.7
TS-16	62.4	61.2	60.9	56.4	53.5	50.8	43.3	15.1	59.2
TS-17	62.9	61.7	61.4	57	54.1	51.5	44.4	17.8	59.8
TS-18	63.4	62.2	61.9	57.5	54.7	52.2	45.5	20.3	60.4
TS-19	63.9	62.8	62.5	58.1	55.3	53	46.6	23.1	61

TS-20	64.5	63.4	63.1	58.7	56	53.7	47.8	25.8	61.7
MS-1	57.8	56.7	56.4	52	49.3	47.1	41.3	19.9	55
MS-2	58.4	57.3	57.1	52.8	50.1	47.9	42.6	22.8	55.8
MS-3	58.9	57.8	57.6	53.2	50.6	48.5	43.5	24.6	56.4
MS-4	59	57.9	57.6	53.3	50.7	48.6	43.6	25	56.5
MS-5	58.5	57.4	57.2	52.8	50.2	48	42.8	23.1	55.9
MS-6	57.9	56.8	56.6	52.2	49.5	47.3	41.7	20.6	55.2
MS-7	57.3	56.2	55.9	51.5	48.8	46.5	40.4	17.8	54.5
MS-8	56.7	55.6	55.3	50.9	48.1	45.7	39.2	15	53.8
MS-9	56.1	55	54.7	50.2	47.4	44.9	37.9	12	53.1
MS-10	55.6	54.4	54.1	49.6	46.7	44.1	36.7	9.2	52.4
MS-11	55.1	53.9	53.6	49.1	46.1	43.4	35.6	6.4	51.8
MS-12	54.8	53.6	53.3	48.8	45.8	43	34.9	4.8	51.5
MS-13	54.6	53.5	53.1	48.6	45.6	42.8	34.5	3.8	51.2
MS-14	54.6	53.4	53	48.5	45.5	42.6	34.4	3.4	51.2
MS-15	54.8	53.7	53.3	48.8	45.8	43	35	5	51.5
MS-16	55.2	54.1	53.7	49.2	46.3	43.6	35.9	7.1	51.9
MS-17	55.6	54.5	54.2	49.7	46.8	44.2	36.9	9.6	52.5
MS-18	56.1	55	54.7	50.2	47.4	44.8	37.9	12	53
MS-19	56.6	55.5	55.2	50.8	48	45.5	39	14.5	53.6
MS-20	57.1	56	55.7	51.3	48.6	46.2	40.1	17.1	54.3
LS-1	62.5	61.4	61.1	56.7	54	51.7	45.7	23.6	59.7
LS-2	63	61.8	61.6	57.2	54.5	52.3	46.7	25.7	60.3
LS-3	63.3	62.2	62	57.6	55	52.8	47.4	27.4	60.7
LS-4	63.4	62.3	62.1	57.7	55.1	52.9	47.6	27.7	60.8
LS-5	63.1	62	61.8	57.4	54.7	52.5	47	26.4	60.4
LS-6	62.6	61.5	61.2	56.8	54.1	51.8	46	24.1	59.8
LS-7	62.1	60.9	60.7	56.2	53.5	51.1	44.9	21.6	59.2
LS-8	61.5	60.4	60.1	55.6	52.8	50.4	43.7	18.9	58.5
LS-9	61	59.8	59.5	55.1	52.2	49.7	42.6	16.3	57.9
LS-10	60.5	59.3	59	54.5	51.6	48.9	41.4	13.5	57.2
LS-11	60.1	58.9	58.6	54.1	51.1	48.4	40.6	11.5	56.8
LS-12	59.9	58.7	58.3	53.8	50.9	48.1	40.1	10.2	56.5
LS-13	59.7	58.5	58.2	53.6	50.6	47.8	39.7	9.2	56.3
LS-14	59.6	58.4	58.1	53.5	50.5	47.7	39.5	8.7	56.2
LS-15	59.8	58.7	58.3	53.8	50.8	48	40	10	56.5
LS-16	60.2	59	58.7	54.2	51.3	48.6	40.9	12.1	56.9
LS-17	60.6	59.5	59.1	54.7	51.8	49.1	41.8	14.3	57.4
LS-18	61.1	59.9	59.6	55.2	52.3	49.8	42.8	16.7	58
LS-19	61.5	60.4	60.1	55.6	52.8	50.4	43.7	18.9	58.5
LS-20	62	60.9	60.6	56.2	53.4	51.1	44.8	21.5	59.1
R6	73.4	72	71.5	66.9	63.9	61.2	54.2	28.9	69.7
TS-1	61.2	59.3	57.7	51.5	46.4	41.1	30.6	-1.4	53.7
TS-2	56.7	53.3	50.4	43.1	37.2	31.4	20.7	-11.3	45.9
TS-3	54	50.3	47.2	39.7	33.6	28.3	19.1	-15.2	42.6
TS-4	52.1	48.3	45	37.5	31.3	27.4	17.6	-19.1	40.5
TS-5	51.5	47.7	44.4	36.8	30.6	27.2	17.3	-19.9	39.9
TS-6	51.3	47.5	44.2	36.6	30.5	27.3	17.3	-19.8	39.7
TS-7	51.3	47.4	44.1	36.6	30.6	27.4	17.6	-19.2	39.7
TS-8	51.5	47.6	44.3	36.8	30.7	27.5	17.8	-18.6	39.9
TS-9	51.8	48	44.7	37.2	31	27.7	18.1	-17.8	40.3
TS-10	52.4	48.5	45.3	37.8	31.7	28	18.5	-16.7	40.8
TS-11	53.4	49.6	46.4	39	32.9	28.5	19.4	-14.5	41.9
TS-12	61.5	60.4	60	55.5	52.4	49.6	41.3	10.3	58.1
TS-13	62.3	61.2	60.8	56.3	53.4	50.7	43.1	14.8	59.1
TS-14	63.1	61.8	61.2	56.2	52.4	48.4	39.7	11.8	58.4
TS-15	63.7	62.5	62.3	57.8	55	52.6	46.1	21.8	60.7
TS-16	63.8	62.7	62.4	57.9	55.2	52.7	46.3	22.3	60.9
TS-17	63.7	62.6	62.3	57.8	55	52.6	46.1	21.8	60.7
TS-18	63.5	62.3	62	57.6	54.8	52.3	45.7	20.8	60.5
TS-19	63.2	62	61.7	57.3	54.4	51.9	45	19.2	60.1
TS-20	62.7	61.6	61.2	56.7	53.6	50.8	43.1	15.2	59.3

MS-1	38.5	34.4	33.6	29.1	26.2	23.5	15.7	-13.3	31.9
MS-2	39	34.9	32.8	28.3	25.2	22.4	13.9	-17.7	31
MS-3	38.9	34.8	32.1	27.6	24.4	21.4	12.3	-21.7	30.3
MS-4	38.6	34.5	31.6	26.9	23.8	20.6	11	-25.2	29.7
MS-5	38.5	34.4	31.5	26.8	23.6	20.5	10.7	-26	29.5
MS-6	38.5	34.4	31.5	26.8	23.6	20.5	10.7	-25.9	29.6
MS-7	38.5	34.4	31.6	26.9	23.7	20.6	10.9	-25.3	29.7
MS-8	38.6	34.5	31.7	27	23.9	20.8	11.2	-24.7	29.8
MS-9	38.7	34.6	31.8	27.2	24	20.9	11.5	-23.9	29.9
MS-10	38.8	34.7	32	27.4	24.2	21.2	11.9	-22.8	30.1
MS-11	39	34.9	32.3	27.7	24.6	21.6	12.7	-20.8	30.5
MS-12	39.2	35.2	33.1	28.5	25.5	22.7	14.4	-16.4	31.3
MS-13	39.2	35.2	33.9	29.4	26.5	23.8	16.3	-11.9	32.2
MS-14	38.7	35.1	34.8	30.3	27.5	25	18.1	-7.5	33.2
MS-15	38.4	35.5	35.2	30.7	27.9	25.5	18.9	-5.6	33.6
MS-16	38.5	35.6	35.3	30.8	28	25.6	19.1	-5.1	33.8
MS-17	38.5	35.5	35.2	30.7	27.9	25.5	19	-5.6	33.6
MS-18	38.4	35.3	35	30.5	27.7	25.2	18.5	-6.6	33.4
MS-19	38.4	35	34.6	30.2	27.3	24.8	17.9	-8.1	33
MS-20	38.3	34.5	34.2	29.7	26.8	24.2	17	-10.3	32.5
LS-1	40.9	38.9	38.6	34.1	31.1	28.4	20.6	-8.5	36.8
LS-2	41.4	38.3	37.9	33.4	30.4	27.5	19.2	-12.1	36.1
LS-3	41.6	37.6	37.2	32.7	29.6	26.6	17.6	-16.1	35.3
LS-4	41.5	37.4	36.8	32.1	29	25.9	16.4	-19.1	34.7
LS-5	41.5	37.4	36.7	32	28.9	25.8	16.2	-19.6	34.6
LS-6	41.6	37.5	36.7	32.1	28.9	25.8	16.2	-19.5	34.6
LS-7	41.6	37.5	36.8	32.2	29	25.9	16.5	-18.9	34.8
LS-8	41.7	37.6	36.9	32.3	29.1	26.1	16.7	-18.3	34.9
LS-9	41.7	37.6	37	32.4	29.3	26.2	17	-17.6	35
LS-10	41.7	37.6	37.2	32.6	29.5	26.5	17.4	-16.5	35.2
LS-11	41.7	37.8	37.4	32.9	29.8	26.8	18	-15	35.5
LS-12	41.7	38.4	38.1	33.5	30.5	27.7	19.5	-11.4	36.2
LS-13	41.5	39.2	38.9	34.4	31.5	28.8	21.3	-6.9	37.2
LS-14	41.1	39.9	39.6	35.2	32.3	29.8	22.8	-3.2	38
LS-15	41.3	40.2	39.9	35.4	32.6	30.1	23.4	-1.9	38.3
LS-16	41.4	40.3	40	35.6	32.7	30.3	23.6	-1.4	38.4
LS-17	41.3	40.2	39.9	35.5	32.6	30.1	23.4	-1.9	38.3
LS-18	41.1	40	39.7	35.3	32.4	29.9	23	-2.8	38.1
LS-19	40.9	39.8	39.4	35	32.1	29.5	22.4	-4.1	37.8
LS-20	40.8	39.4	39	34.5	31.6	29	21.6	-6.3	37.3
R7	76.3	74.5	73.6	68.8	65.8	63.5	59	43.7	71.9
TS-1	68.7	67.7	67.5	63.3	60.8	59	55.4	41.8	66.7
TS-2	67.4	66.3	66.1	61.8	59.3	57.4	53.1	37.3	65.1
TS-3	66.1	65	64.8	60.5	57.9	55.8	50.9	32.6	63.7
TS-4	64.8	63.7	63.5	59.1	56.4	54.2	48.5	27.2	62.1
TS-5	63.6	62.1	61	55.4	51	46.4	37.7	11.8	57.6
TS-6	63.4	62	61.3	56	52	47.8	39.1	12.2	58.3
TS-7	62.6	61	59.8	53.9	49.2	44.4	35	6.7	56.1
TS-8	61.4	59.2	57.3	50.7	45.4	40.1	30.2	0.7	53.1
TS-9	49.4	45.3	42	36.6	33.7	31.1	23.7	-3.9	39.9
TS-10	49.2	45.2	41.9	36.3	33.4	30.7	23.1	-5.3	39.6
TS-11	49.4	45.4	42.1	36.2	33.2	30.5	22.8	-6	39.6
TS-12	50.5	46.6	43.3	36.7	33.8	31.2	23.8	-3.6	40.4
TS-13	52.1	48.2	44.9	37.5	34.4	31.9	25	-0.9	41.5
TS-14	55.4	51.6	48.5	41.2	35.4	32.9	26.5	2.8	44.3
TS-15	58.3	54.7	51.7	44.5	38.8	34.1	28.4	7	47.4
TS-16	60.2	56.8	53.9	46.8	41.3	36.2	29.9	10.4	49.6
TS-17	61.2	57.9	55	47.9	42.5	37.5	31.6	14	50.7
TS-18	63	59.8	57.1	50.1	44.7	39.9	33	17	52.9
TS-19	65	62.1	59.7	52.9	47.6	42.9	36.1	19.9	55.5
TS-20	65.5	62.7	60.3	53.4	48.2	43.5	36.9	21.8	56.1
MS-1	53.6	49.9	46.9	39.8	34.3	31.9	28.3	14.6	43

MS-2	52.4	48.7	45.7	38.5	33.1	30.5	26.3	10.5	41.7
MS-3	51	47.3	44.2	37	31.4	28.9	24	5.8	40.2
MS-4	49.5	45.8	42.7	35.4	29.8	27.4	21.8	0.9	38.6
MS-5	48.5	44.7	41.6	34.3	28.8	26.5	20.5	-2.1	37.5
MS-6	47.7	43.9	40.7	33.4	28.2	25.8	19.5	-4.3	36.7
MS-7	47.1	43.2	40	32.7	27.8	25.3	18.6	-6.3	36.1
MS-8	46.5	42.6	39.4	32	27.3	24.8	17.9	-8.1	35.5
MS-9	39.3	35.2	34.3	29.8	26.9	24.3	17.1	-9.9	32.7
MS-10	39.1	35	34	29.5	26.6	24	16.5	-11.3	32.4
MS-11	39.1	35	33.9	29.4	26.5	23.8	16.2	-12	32.2
MS-12	39.6	35.6	34.3	29.8	27	24.4	17.2	-9.8	32.7
MS-13	40.2	36.2	34.9	30.4	27.6	25.1	18.4	-7	33.4
MS-14	40.9	36.8	35.6	31.2	28.4	26.1	19.8	-3.5	34.2
MS-15	41.2	37.2	36.5	32.1	29.4	27.1	21.4	0.2	35.1
MS-16	41.6	37.5	37.3	33	30.3	28.2	23	3.6	36.1
MS-17	41.9	38.4	38.2	33.9	31.3	29.3	24.6	7	37.1
MS-18	42.2	39.2	39	34.8	32.2	30.3	26	10	38
MS-19	42.5	40.1	39.9	35.6	33.1	31.3	27.4	12.8	39
MS-20	42.8	40.6	40.4	36.2	33.7	31.9	28.3	14.6	39.6
LS-1	51.2	47.2	45	40.8	38.3	36.5	32.6	18.3	44.3
LS-2	51.1	47.1	44	39.8	37.2	35.3	31	15	43.2
LS-3	50.7	46.7	43.6	38.4	35.8	33.7	28.8	10.4	42
LS-4	50.3	46.3	43.1	37.4	34.7	32.5	27	6.4	41
LS-5	50	46	42.8	36.8	34.1	31.8	26	4.1	40.5
LS-6	49.6	45.7	42.4	36.3	33.5	31.2	25	1.8	40
LS-7	49.3	45.4	42.1	35.9	33.1	30.7	24.2	0	39.6
LS-8	43.3	40.2	39.9	35.5	32.6	30.2	23.4	-1.9	38.3
LS-9	43.1	39.9	39.5	35.1	32.2	29.7	22.7	-3.6	37.9
LS-10	43	39.6	39.3	34.8	31.9	29.3	22	-5.1	37.6
LS-11	43	39.5	39.2	34.7	31.8	29.2	21.9	-5.5	37.5
LS-12	43.3	39.8	39.5	35.1	32.2	29.7	22.6	-3.7	37.9
LS-13	43.6	40.4	40.1	35.7	32.9	30.4	23.8	-0.8	38.6
LS-14	43.8	41	40.7	36.3	33.6	31.2	25.1	2	39.3
LS-15	44	41.6	41.4	37	34.3	32	26.3	4.8	40
LS-16	44.3	42.4	42.2	37.9	35.2	33.1	27.8	8.3	41
LS-17	44.5	43.2	43	38.6	36.1	34	29.2	11.2	41.8
LS-18	45.1	44	43.8	39.5	37	35	30.6	14.1	42.7
LS-19	45.8	44.7	44.5	40.2	37.7	35.8	31.8	16.6	43.5
LS-20	46.3	45.2	45	40.8	38.3	36.4	32.6	18.2	44.1
R6c	72.9	71.5	71	66.3	63.2	60.4	52.4	23.3	69
TS-1	62.4	61.3	60.9	56.4	53.5	50.9	43.3	15.2	59.2
TS-2	61.6	60.4	60.1	55.5	52.5	49.7	41.5	10.7	58.2
TS-3	60.9	59.7	59.3	54.7	51.6	48.7	39.8	6.3	57.3
TS-4	60.2	59	58.5	53.9	50.7	47.6	37.8	1.5	56.4
TS-5	59.8	58.6	58.1	53.4	50.2	47	36.8	-1.2	55.9
TS-6	52.5	48.8	45.6	38	31.8	26.6	16.2	-22.8	40.9
TS-7	52.1	48.4	45.1	37.5	31.3	26.3	15.7	-24.1	40.5
TS-8	51.9	48.1	44.8	37.2	30.9	26.1	15.3	-25.2	40.2
TS-9	51.6	47.9	44.6	37	30.7	25.9	14.9	-26.2	40
TS-10	51.7	47.9	44.7	37	30.7	25.8	14.7	-26.8	40
TS-11	52.2	48.5	45.3	37.7	31.4	25.8	14.8	-26.4	40.6
TS-12	53.9	50.4	47.3	39.8	33.6	27.3	16.1	-23.1	42.6
TS-13	56.1	52.9	50.1	42.8	36.7	30.6	17.8	-19.5	45.5
TS-14	60.1	58.5	57.2	51.3	46.3	41	29.3	-7.7	53.4
TS-15	61.3	60.1	59.7	55.1	52.1	49.2	40.6	8.5	57.8
TS-16	61.7	60.5	60.2	55.6	52.6	49.8	41.7	11.2	58.3
TS-17	62.1	60.9	60.6	56.1	53.1	50.4	42.6	13.4	58.8
TS-18	62.4	61.2	60.9	56.4	53.4	50.8	43.2	15	59.1
TS-19	62.6	61.4	61.1	56.6	53.7	51.1	43.7	16.2	59.4
TS-20	62.6	61.5	61.2	56.7	53.8	51.2	43.9	16.5	59.5
MS-1	38	34.2	33.9	29.4	26.4	23.8	16.2	-12.1	32.1
MS-2	49.3	45.8	42.8	35.5	29.6	23.8	14.5	-16.2	38.3

MS-3	48.5	45.1	42	34.6	28.7	22.7	12.8	-20.5	37.5
MS-4	47.7	44.2	41.1	33.6	27.6	21.5	11.1	-25	36.5
MS-5	47.1	43.5	40.4	32.9	26.7	20.6	10.1	-27.4	35.7
MS-6	38.5	34.4	31	26.3	23.1	19.8	9.5	-29	29
MS-7	38.4	34.3	30.9	26.1	22.8	19.5	9	-30.2	28.9
MS-8	38.3	34.2	30.8	26	22.6	19.3	8.6	-31.3	28.7
MS-9	38.2	34.1	30.7	25.8	22.5	19.1	8.3	-32.3	28.5
MS-10	38.2	34.1	30.6	25.7	22.4	19	8	-32.9	28.5
MS-11	38.2	34.1	30.7	25.7	22.4	19	8.1	-32.6	28.5
MS-12	38.4	34.3	30.9	26.2	23	19.7	9.3	-29.5	29
MS-13	38.4	34.3	31.5	26.8	23.6	20.5	10.7	-25.9	29.5
MS-14	37.8	33.7	32.1	27.5	24.4	21.4	12.3	-21.8	30.2
MS-15	37.6	33.5	32.7	28.1	25.1	22.2	13.6	-18.5	30.8
MS-16	37.4	33.5	33.1	28.6	25.6	22.8	14.6	-16	31.3
MS-17	37.5	33.8	33.5	29	26	23.3	15.4	-14	31.7
MS-18	37.6	34.1	33.8	29.3	26.4	23.7	16.1	-12.5	32.1
MS-19	37.5	34.3	34	29.5	26.6	24	16.5	-11.3	32.3
MS-20	37.5	34.4	34.1	29.6	26.7	24	16.6	-11	32.4
LS-1	40.2	39	38.7	34.2	31.2	28.5	20.8	-8.1	36.9
LS-2	46.7	42.7	39.4	33.5	30.5	27.7	19.4	-11.4	36.9
LS-3	47	43	39.7	32.7	29.6	26.7	17.7	-15.7	36.4
LS-4	47.1	43.1	39.7	32.1	28.9	25.8	16.3	-19.3	36.1
LS-5	47.1	43.2	39.8	32.2	28.6	25.4	15.6	-21.2	36
LS-6	41.3	37.2	36.2	31.5	28.3	25.1	15	-22.8	34.1
LS-7	41.2	37.1	36	31.3	28.1	24.8	14.5	-23.9	33.9
LS-8	41.2	37.1	35.8	31.2	27.9	24.6	14.1	-25	33.7
LS-9	41.2	37	35.7	31	27.7	24.4	13.7	-26	33.5
LS-10	41.1	37	35.6	30.9	27.6	24.2	13.5	-26.6	33.4
LS-11	41	36.9	35.6	30.9	27.6	24.3	13.6	-26.4	33.5
LS-12	41	36.8	36	31.4	28.1	24.8	14.6	-23.8	33.9
LS-13	40.7	37	36.6	32	28.8	25.7	16	-20.1	34.5
LS-14	40.2	37.5	37.1	32.5	29.4	26.4	17.3	-16.8	35.1
LS-15	39.9	37.9	37.5	33	29.9	27	18.3	-14.4	35.6
LS-16	39.8	38.3	38	33.4	30.4	27.6	19.2	-11.9	36.1
LS-17	39.9	38.6	38.3	33.8	30.8	28	19.9	-10.2	36.4
LS-18	40.1	38.9	38.6	34.1	31.1	28.4	20.6	-8.7	36.8
LS-19	40.3	39.1	38.8	34.3	31.3	28.6	21	-7.6	37
LS-20	40.3	39.2	38.8	34.3	31.4	28.7	21.1	-7.3	37.1

Outdoor Noise Prediction Model, Version 2.0 (Sean K. Bui), January 1, 2006

Client: Matrix Environmental
 Description: LA Convention Modernization & Farmers Field
 AES Job No: 2011113
 Consultant: skb
 Date: 9/13/2011
 Source: **Outdoor Plazas - Crowd**

Description	63	125	250	500	1000	2000	4000	8000 dBA	
R1	31.7	41.6	61.4	73.2	76.9	73.3	59.5	38.8	79.4
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	25.9	35.9	55.8	67.6	71.4	67.9	54.6	35	74
CHC-6	25.8	35.7	55.6	67.5	71.2	67.7	54.3	34.6	73.8
CHC-7	23.3	33.2	53.1	64.9	68.5	64.8	50.7	28	71
CHC-8	21.5	31.4	51.2	63	66.5	62.6	47.8	22.4	69
CHC-9	19.8	29.7	49.5	61.2	64.7	60.7	45	16.7	67.1
CHC-10	7.9	15.3	35.1	47	50.7	47.1	33.7	13.4	53.3
CHC-11	6.6	14.5	34.3	46.2	49.8	46.2	32.5	11.4	52.4
CHC-12	7	14.1	33	44.8	48.4	44.7	30.6	7.9	51
CHC-13	6.7	13.7	31.4	43.2	46.7	42.9	28.2	3.2	49.2
CHC-14	7	14	31.3	43.1	46.6	42.8	28	2.8	49.1
CHC-15	23.2	33.2	53	64.8	68.5	64.8	50.6	27.9	71
GLP-1	0.2	8.6	28.3	39.9	42.2	37.9	21.9	-12.3	44.7
GLP-2	-1.2	7.9	27.6	39.2	41.4	37	20.6	-15.4	43.9
GLP-3	0	7.1	26.7	38.3	40.4	35.9	18.8	-19.5	42.9
GLP-4	0.2	7.1	26.1	37.6	39.7	35.1	17.6	-22.6	42.2
GLP-5	0.2	7.1	25.5	37	39	34.2	16.1	-26.1	41.4
GLP-6	-0.5	6.4	24.8	36.2	38.1	33.2	14.5	-30.1	40.6
GLP-7	-0.3	6.6	25	36.4	38.4	33.5	15	-28.8	40.8
GLP-8	0.3	7.3	25.7	37.2	39.2	34.5	16.6	-24.8	41.7
GLP-9	1	8	26.5	38	40.1	35.5	18.3	-20.8	42.6
GLP-10	1	7.9	27.3	38.8	41	36.6	19.9	-16.9	43.5
R2	36.4	46.3	66.2	78	80.8	77.2	64.8	45.1	83.5
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-5.3	4.5	24.2	35.6	38.6	33.8	14.4	-27.8	40.9
CHC-6	-2.3	5.1	24.7	36.2	39.2	34.5	15.6	-24.9	41.5
CHC-7	16.1	26	45.6	57.2	60.3	55.7	37.6	0.1	62.6
CHC-8	17	26.9	46.6	58.1	61.4	56.9	39.5	4.4	63.7
CHC-9	18	27.9	47.7	59.3	62.6	58.3	41.6	9.3	65
CHC-10	-3.8	5.3	25	36.5	39.5	34.8	16.2	-23.4	41.8
CHC-11	-4.6	5.2	24.9	36.4	39.4	34.7	16	-24	41.7
CHC-12	-3.9	4.9	24.6	36.1	39.1	34.3	15.3	-25.6	41.4
CHC-13	-1.8	5.1	24.6	36.1	39.1	34.3	15.4	-25.4	41.4
CHC-14	-1.3	5.6	24	35.5	38.4	33.6	14.1	-28.6	40.7
CHC-15	-1.9	5	23.4	34.8	37.7	32.7	12.6	-32.3	39.9
GLP-1	21.6	31.6	51.4	63.1	65.6	61.7	47.4	19.7	68.2
GLP-2	22.5	32.4	52.2	64	66.5	62.7	48.8	22.5	69.2
GLP-3	24.3	34.2	54.1	65.9	68.5	64.8	51.7	28.1	71.2
GLP-4	25.8	35.8	55.7	67.5	70.2	66.6	54	32.2	72.9
GLP-5	27.9	37.8	57.7	69.6	72.3	68.9	56.8	37.1	75.1
GLP-6	30.3	40.3	60.2	72.1	74.9	71.6	60	42.2	77.7
GLP-7	27.7	37.7	57.6	69.4	72.2	68.7	56.6	36.8	74.9
GLP-8	26.2	36.1	56	67.8	70.5	67	54.5	33.1	73.3
GLP-9	24.6	34.5	54.4	66.2	68.8	65.2	52.2	28.9	71.5
GLP-10	23.2	33.1	52.9	64.7	67.3	63.5	49.9	24.7	69.9

R3	27.8	37.5	57.1	68.7	71	66.7	50.7	19.2	73.5
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-7.1	1.6	21.1	32.4	34.9	29.4	6.8	-47.4	37.1
CHC-6	12.2	21.9	41.4	52.7	55.3	49.9	27.7	-25	57.5
CHC-7	12.8	22.6	42.1	53.5	56.2	50.9	29.5	-20.3	58.4
CHC-8	13.4	23.2	42.8	54.2	57	51.8	31.2	-16.1	59.2
CHC-9	14.1	24	43.5	55	57.9	52.9	33	-11.4	60.1
CHC-10	-6.7	2.1	21.6	32.9	35.5	30.1	8.1	-44	37.7
CHC-11	-7.8	2	21.5	32.8	35.4	30	7.8	-44.7	37.6
CHC-12	-6.8	1.8	21.3	32.5	35.1	29.6	7.3	-46.2	37.3
CHC-13	-4.3	2.5	21.3	32.6	35.2	29.7	7.4	-46	37.3
CHC-14	4.4	11.6	28.3	36.6	36.2	29.1	6.3	-48.9	38.8
CHC-15	-4.1	2.7	20.4	31.6	34.1	28.4	4.9	-52.6	36.2
GLP-1	16.6	26.5	46.1	57.7	59.7	55.1	37.6	-2.5	62.2
GLP-2	9.1	16.3	33.2	41.8	41	35.6	18.4	-20.6	44
GLP-3	9.8	17.1	33.9	42.6	41.9	36.8	20.4	-15.9	44.9
GLP-4	10.3	17.6	34.5	43.2	42.5	37.8	21.9	-12.5	45.6
GLP-5	10.9	18.2	35.1	43.8	43.2	39	23.6	-8.5	46.4
GLP-6	20.6	30.5	50.3	62	64.4	60.4	45.7	15.9	67
GLP-7	20.1	30	49.8	61.5	63.8	59.7	44.7	13.9	66.4
GLP-8	19.2	29	48.8	60.4	62.7	58.5	42.9	9.9	65.3
GLP-9	18.3	28.1	47.9	59.5	61.7	57.3	41.1	5.9	64.2
GLP-10	17.5	27.3	47	58.6	60.8	56.3	39.5	2	63.3
R4	9.9	15.6	33.9	45	46.9	41.1	18.7	6	49.1
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-9.4	0.3	19.7	30.9	33.2	27.3	2.9	-58	35.3
CHC-6	-6.8	0.1	19.5	30.6	32.9	26.9	2.2	-60.1	35
CHC-7	-9.3	0.4	19.8	31	33.4	27.4	3.2	-57.2	35.5
CHC-8	-9	0.8	20.2	31.4	33.8	28	4.3	-54.2	35.9
CHC-9	-8.6	1.2	20.6	31.8	34.3	28.6	5.4	-51.2	36.4
CHC-10	-9.6	-0.2	19.2	30.3	32.5	26.4	1.3	-62.6	34.6
CHC-11	-8	-0.8	18.6	29.6	31.7	25.4	-0.6	-68	33.8
CHC-12	-8.7	-1.2	18	29	31.1	24.6	-2.3	-72.7	33.1
CHC-13	-8.8	-1.5	17.8	28.7	30.7	24.1	-3.3	-75.5	32.7
CHC-14	-7.6	-0.9	17.4	28.3	30.3	23.6	-4.3	-78.5	32.3
CHC-15	-7.4	-0.7	17.4	28.3	30.2	23.5	-4.5	-79	32.2
GLP-1	-4.4	2.4	21.6	32.8	34.3	28.6	6.4	-51.4	36.6
GLP-2	-3.1	3.8	20.9	32	33.4	27.5	4.3	-57.1	35.7
GLP-3	-2.8	4	21.3	32.4	33.9	28.1	5.5	-53.8	36.2
GLP-4	-2.7	4.1	21.5	32.7	34.2	28.5	6.2	-51.7	36.5
GLP-5	-2.7	4.2	21.8	33.1	34.6	29	7.1	-49.4	36.9
GLP-6	-2.7	4.1	22.2	33.5	35.1	29.6	8.2	-46.5	37.4
GLP-7	-5	3.2	22.7	34	35.7	30.3	9.5	-43	38.1
GLP-8	-5.2	2.9	22.4	33.7	35.3	29.9	8.7	-45.1	37.7
GLP-9	-5.6	2.7	22.1	33.4	35	29.4	7.9	-47.2	37.3
GLP-10	-5.7	2.4	21.9	33.1	34.6	29	7.1	-49.3	36.9
R5	9.3	14.8	33.1	44.2	46	39.9	16.4	6	48.2
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-9.1	0.6	20	31.2	33.6	27.8	3.8	-55.5	35.7
CHC-6	-6.6	0.2	19.6	30.7	33.1	27.1	2.6	-59	35.2
CHC-7	-9.3	0.4	19.8	30.9	33.3	27.4	3.1	-57.5	35.4
CHC-8	-9.1	0.6	20	31.2	33.6	27.7	3.8	-55.7	35.7

CHC-9	-9	0.8	20.2	31.4	33.8	28	4.3	-54.2	35.9
CHC-10	-5.7	1.1	19.2	30.3	32.6	26.5	1.4	-62.4	34.6
CHC-11	-8.6	-0.8	18.5	29.5	31.7	25.3	-0.8	-68.4	33.7
CHC-12	-7.9	-1.2	17.9	28.9	30.9	24.4	-2.6	-73.6	33
CHC-13	-7.7	-0.9	17.6	28.5	30.5	23.8	-3.8	-77.1	32.5
CHC-14	-7.6	-0.9	17.3	28.2	30.1	23.3	-4.8	-79.7	32.1
CHC-15	-6.5	0.2	17.4	28.3	30.2	23.5	-4.5	-78.9	32.2
GLP-1	-7.3	1.4	20.8	31.9	33.3	27.4	4.1	-57.7	35.6
GLP-2	-6.1	0.6	20	31	32.3	26.1	1.6	-64.4	34.5
GLP-3	-5.2	1.6	20.2	31.3	32.6	26.5	2.3	-62.4	34.8
GLP-4	-4.3	2.5	20.3	31.4	32.7	26.7	2.8	-61.3	35
GLP-5	-4.3	2.5	20.5	31.6	32.9	26.9	3.2	-60.1	35.2
GLP-6	-4.5	2.3	20.7	31.8	33.1	27.2	3.7	-58.5	35.4
GLP-7	-6.8	1.7	21.2	32.3	33.8	28	5.2	-54.6	36.1
GLP-8	-7	1.7	21.1	32.2	33.7	27.8	4.9	-55.3	36
GLP-9	-7.2	1.6	21	32.1	33.5	27.6	4.6	-56.2	35.8
GLP-10	-6.7	1.5	20.9	32	33.4	27.5	4.3	-57	35.7
R6b	10.5	17	36.1	47.5	49.8	44.6	24.3	6	52.1
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-5.4	4.4	24.1	35.5	38.5	33.6	14.2	-28.4	40.7
CHC-6	-3.6	3.8	23.4	34.8	37.7	32.6	12.5	-32.5	39.9
CHC-7	-5.9	3.9	23.5	34.9	37.8	32.8	12.9	-31.7	40.1
CHC-8	-5.8	4.1	23.7	35.1	38	33.1	13.3	-30.6	40.3
CHC-9	-5.7	4.2	23.8	35.2	38.1	33.2	13.5	-30.1	40.4
CHC-10	-4	3.2	22.7	34.1	36.9	31.8	11.1	-36.3	39.1
CHC-11	-4.6	2.3	21.8	33.1	35.7	30.4	8.6	-42.8	37.9
CHC-12	-5.1	1.7	21	32.2	34.8	29.2	6.5	-48.2	36.9
CHC-13	-5.5	1.3	20.5	31.7	34.2	28.5	5.1	-52	36.3
CHC-14	-5.7	1.1	20.2	31.3	33.8	28	4.2	-54.5	35.9
CHC-15	-5.5	1.3	20.3	31.5	34	28.2	4.7	-53.1	36.1
GLP-1	-5.1	4.3	23.8	35.2	37	31.9	12.3	-35.7	39.4
GLP-2	-4.4	3.2	22.7	34	35.7	30.3	9.4	-43.1	38
GLP-3	-4.2	3.3	22.9	34.2	35.9	30.5	9.8	-42.2	38.2
GLP-4	-4.1	3.4	22.9	34.2	35.9	30.6	9.9	-41.9	38.3
GLP-5	-2.3	4.6	22.9	34.2	35.9	30.6	10	-41.6	38.3
GLP-6	-3.3	3.6	23	34.3	36	30.7	10.1	-41.4	38.3
GLP-7	-4.6	4	23.6	35	36.7	31.6	11.7	-37.3	39.1
GLP-8	-4.7	4.1	23.7	35	36.8	31.7	11.9	-36.8	39.2
GLP-9	-4.9	4.2	23.7	35.1	36.9	31.8	12	-36.4	39.3
GLP-10	-4.7	4.2	23.8	35.1	36.9	31.8	12.1	-36.2	39.3
R7b	17.4	24.6	42	51.6	53	47.1	28.7	6.2	55.3
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	12.2	19.7	36.7	45.5	45.9	38.7	22.1	-9.7	48.2
CHC-6	11.1	18.6	35.6	44.3	44.6	37.3	19.7	-15.1	47
CHC-7	-2.1	6.4	26.1	37.7	40.9	36.4	18.6	-17.6	43.2
CHC-8	-3.8	6	25.7	37.3	40.4	35.8	17.8	-19.6	42.7
CHC-9	-4.4	5.5	25.2	36.7	39.8	35.1	16.6	-22.4	42.1
CHC-10	10.3	17.8	34.8	43.5	43.7	36.2	17.9	-19.4	46
CHC-11	1.5	8.5	25.2	36.1	39.1	34.4	15.4	-25.3	41.4
CHC-12	-1.6	5.3	23.7	35.2	38.1	33.2	13.4	-30.3	40.3
CHC-13	-0.1	6.9	23.5	34.4	37.3	32.2	11.7	-34.6	39.5
CHC-14	0.4	7.3	23.9	34.2	37	31.9	11.2	-35.9	39.2
CHC-15	-0.2	6.7	23.3	34.7	37.6	32.6	12.5	-32.6	39.9
GLP-1	-4.2	4.9	24.5	35.9	37.8	32.8	13.9	-31.7	40.2
GLP-2	-3.5	3.9	23.4	34.8	36.5	31.3	11.3	-38.3	38.9

GLP-3	-3.7	3.7	23.2	34.5	36.3	31	10.7	-39.9	38.6
GLP-4	-3.8	3.5	23	34.3	36	30.7	10.1	-41.3	38.4
GLP-5	-3.9	3.2	22.7	34	35.7	30.3	9.5	-43.1	38
GLP-6	-4.2	2.9	22.4	33.7	35.3	29.9	8.7	-45.1	37.7
GLP-7	-4.4	3.4	22.9	34.2	35.9	30.6	9.9	-41.9	38.3
GLP-8	-4.4	3.7	23.3	34.6	36.4	31.1	10.9	-39.4	38.7
GLP-9	-4.3	4.1	23.6	35	36.8	31.6	11.8	-36.9	39.2
GLP-10	-4.2	4.4	24	35.4	37.2	32.2	12.7	-34.6	39.6
R8	15.5	23.1	40.4	49.5	49.7	41.9	16.6	6	52
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	9	17	34.2	42.9	42.8	34.4	9.2	-45.7	45.1
CHC-6	8.8	16.9	34.3	43	42.8	34.3	8.3	-50.5	45.1
CHC-7	-6.7	0.9	20.4	31.6	34	28.3	4.8	-52.9	36.1
CHC-8	-9	0.7	20.1	31.3	33.7	27.9	4.1	-54.8	35.8
CHC-9	-9.3	0.4	19.8	31	33.3	27.4	3.2	-57.3	35.4
CHC-10	8.4	16.6	33.9	42.6	42.3	33.7	7	-54.3	44.6
CHC-11	-4	2.8	19.6	30.7	33	27	2.4	-59.4	35.1
CHC-12	-5.8	1	19.1	30.1	32.4	26.2	0.9	-63.7	34.4
CHC-13	-3.7	3.1	19.4	29.6	31.8	25.5	-0.5	-67.7	33.9
CHC-14	-3.1	3.7	20.1	29.5	31.7	25.3	-0.8	-68.5	33.7
CHC-15	7.1	15.2	32.4	41	40.4	31.4	2.9	-64.9	42.8
GLP-1	-8.2	0.5	19.8	30.9	32.1	25.8	1.1	-65.8	34.3
GLP-2	-6.9	-0.1	19.1	30.1	31.1	24.7	-1.1	-72.2	33.4
GLP-3	-7.1	-0.3	19	29.9	31	24.4	-1.6	-73.5	33.2
GLP-4	-7.1	-0.4	18.8	29.8	30.8	24.2	-2	-74.6	33.1
GLP-5	-7.2	-0.4	18.7	29.6	30.6	24	-2.5	-76	32.9
GLP-6	-7.2	-0.4	18.5	29.5	30.4	23.7	-3	-77.5	32.7
GLP-7	-8.3	-0.4	18.9	29.8	30.9	24.3	-1.8	-74.2	33.1
GLP-8	-8.3	-0.2	19.1	30.1	31.1	24.7	-1.1	-72.2	33.4
GLP-9	-8	0	19.3	30.3	31.4	25	-0.4	-70.2	33.7
GLP-10	-8.1	0.2	19.5	30.5	31.7	25.4	0.3	-68.3	34
R9	18	25.9	43.5	52.5	52.7	44.9	20.5	6	55
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	8.3	15.9	32.8	41.4	41.3	33.2	11.1	-36.3	43.7
CHC-6	10.1	18.3	35.7	44.5	44.5	36.4	12	-40.6	46.8
CHC-7	10.4	18.9	36.6	45.6	45.7	37.5	12.5	-42.8	47.9
CHC-8	-8.1	1.6	21.1	32.4	34.9	29.4	6.8	-47.5	37.1
CHC-9	-8.6	1.2	20.6	31.8	34.3	28.7	5.5	-51.1	36.5
CHC-10	10.3	18.7	36.3	45.3	45.3	37.1	12.2	-42.8	47.6
CHC-11	-4.5	2.4	21.1	32.3	34.9	29.3	6.7	-47.7	37
CHC-12	-3.8	3.1	20.6	31.8	34.3	28.7	5.5	-51	36.5
CHC-13	-1.7	5.2	21.6	31.3	33.8	27.9	4.2	-54.7	35.9
CHC-14	8.9	17.3	34.9	43.7	43.5	34.9	8.2	-53.6	45.9
CHC-15	9.2	17.5	35	43.9	43.7	35.2	9.3	-49.8	46
GLP-1	-6.9	1.1	20.5	31.6	32.9	26.9	3.2	-60.2	35.2
GLP-2	-6.8	0.5	19.8	30.9	32.1	25.9	1.2	-65.5	34.4
GLP-3	-5.7	1	19.6	30.6	31.8	25.4	0.4	-67.9	34
GLP-4	-6	0.8	19.4	30.4	31.5	25.1	-0.3	-69.8	33.7
GLP-5	-6.1	0.6	19.1	30.1	31.2	24.7	-1.1	-72	33.4
GLP-6	-6.4	0.4	18.9	29.8	30.8	24.3	-1.9	-74.5	33.1
GLP-7	-7.3	-0.1	19.1	30.1	31.2	24.7	-1	-71.8	33.5
GLP-8	-7.2	0.1	19.5	30.5	31.6	25.2	0	-69	33.9
GLP-9	-6.9	0.4	19.8	30.8	32	25.8	1	-66.2	34.3
GLP-10	-6.8	0.7	20.1	31.1	32.4	26.3	2	-63.5	34.7

R10	20	28.9	48	59.2	61	55.8	36.1	7.7	63.4
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	0.4	7.4	24.4	35.9	38.9	34.2	15.1	-26.2	41.2
CHC-6	0.4	7.4	25.1	36.6	39.6	35	16.4	-22.9	41.9
CHC-7	2.7	9.7	26.4	36	39.1	34.3	15.3	-25.7	41.3
CHC-8	4	11.1	27.8	36.3	38.4	33.5	14	-28.9	40.8
CHC-9	-5.6	3.8	23.4	34.8	37.7	32.7	12.6	-32.5	39.9
CHC-10	1.2	8.1	25.7	37.2	40.3	35.8	17.7	-19.8	42.7
CHC-11	6.4	13.4	30.2	38.9	41.8	37.4	20.3	-13.8	44.2
CHC-12	6.6	13.7	30.5	39.8	43.2	39	22.6	-8.5	45.6
CHC-13	5.4	12.4	29.2	40.5	43.8	39.7	23.7	-6.1	46.3
CHC-14	3.5	10.5	29.8	41.6	45	41	25.5	-2.2	47.5
CHC-15	7.3	14.3	31.1	42	45.5	41.6	26.3	-0.6	48
GLP-1	-4.5	4.4	23.9	35.3	37.1	32	12.5	-35.2	39.5
GLP-2	-1.8	5.1	24.3	35.7	37.6	32.6	13.5	-32.6	40
GLP-3	-0.9	6	23.6	34.9	36.7	31.6	11.7	-37.3	39.1
GLP-4	13.8	23.6	43.1	54.4	56.1	50.8	30.4	-20.6	58.5
GLP-5	13.3	23	42.5	53.8	55.5	50	29	-24.4	57.8
GLP-6	12.7	22.5	41.9	53.2	54.7	49.1	27.3	-28.8	57
GLP-7	-1.6	5.2	21.8	33	34.5	28.9	6.9	-49.8	36.9
GLP-8	-1.8	5	22.3	33.6	35.2	29.7	8.3	-46.1	37.5
GLP-9	-2.2	4.7	22.8	34.1	35.8	30.5	9.7	-42.4	38.2
GLP-10	-2.9	4	23.3	34.7	36.4	31.2	11.1	-38.9	38.8
R11	15.4	22.2	38.9	47.8	48.3	42.2	20.7	6	50.8
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-3.5	3.4	20.2	31.4	33.8	28	4.2	-54.4	35.9
CHC-6	-3	3.8	20.6	31.8	34.3	28.6	5.5	-51.1	36.5
CHC-7	3.1	10.2	26.8	35.1	34.6	28.2	4.7	-53.2	37.3
CHC-8	-7.6	0.6	20	31.1	33.6	27.7	3.7	-55.9	35.7
CHC-9	-9.1	0.2	19.6	30.8	33.1	27.1	2.7	-58.8	35.2
CHC-10	-2.3	4.5	21	32.3	34.9	29.3	6.6	-47.9	37
CHC-11	2.6	9.6	26.3	34.6	35.9	30.5	8.9	-42	38.3
CHC-12	1.5	8.5	25.1	34	36.8	31.7	10.9	-36.8	39
CHC-13	0.7	7.7	24.3	34.5	37.4	32.3	12	-33.8	39.6
CHC-14	-2.8	4.1	23.7	35.1	38	33.1	13.3	-30.6	40.3
CHC-15	-0.7	6.2	23.7	35.1	38.1	33.1	13.4	-30.4	40.3
GLP-1	-7.1	1.1	20.5	31.6	32.9	26.9	3.3	-59.9	35.2
GLP-2	4.7	11.9	28.6	36.9	35.3	27.7	4.7	-56	38.2
GLP-3	4.5	11.7	28.4	36.6	35	26.9	3.1	-60.3	37.8
GLP-4	4.3	11.5	28.2	36.4	34.7	26.3	2	-63.3	37.5
GLP-5	4.1	11.3	27.9	36.1	34.4	25.7	0.8	-66.7	37.2
GLP-6	3.9	11.1	27.7	35.8	34	24.9	-0.6	-70.8	36.8
GLP-7	3.6	10.8	27.4	35.5	33.6	24.6	-1.2	-72.5	36.5
GLP-8	3.8	11.1	27.6	35.8	34	25.2	-0.1	-69.2	36.8
GLP-9	4.1	11.3	27.9	36.1	34.4	25.8	1.1	-65.9	37.2
GLP-10	-5.2	1.6	20.1	31.2	32.5	26.4	2.2	-62.9	34.8
R12	14.4	20.9	37.7	47.5	50	45	25.4	6.1	52.3
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-1.4	5.5	22.1	32.7	35.3	29.8	7.6	-45.3	37.5
CHC-6	1.5	8.4	25	33.4	36	30.7	9.2	-41.1	38.2
CHC-7	-5.2	2.4	21.9	33.2	35.9	30.5	8.9	-42.1	38
CHC-8	-7.7	2.1	21.6	32.9	35.6	30.1	8.2	-43.8	37.7

CHC-9	-7.8	1.8	21.3	32.6	35.2	29.7	7.4	-45.8	37.4
CHC-10	1.8	8.8	25.5	33.9	36.7	31.6	10.7	-37.3	39
CHC-11	2.7	9.7	26.4	35.1	38	33.1	13.2	-30.7	40.3
CHC-12	3.6	10.6	27.3	36.2	39.2	34.4	15.5	-25	41.5
CHC-13	4.1	11.1	27.8	36.9	40.1	35.5	17.2	-21.1	42.4
CHC-14	2.2	9.2	26	37.5	40.7	36.2	18.3	-18.3	43
CHC-15	0.8	7.7	25.6	37.1	40.3	35.7	17.5	-20.2	42.6
GLP-1	-4.8	3	22.5	33.7	35.4	29.9	8.8	-44.9	37.7
GLP-2	1.3	8.3	24.9	34.5	36.3	31	10.7	-39.8	38.6
GLP-3	0.7	7.7	24.2	33.9	35.6	30.1	9.2	-43.8	37.9
GLP-4	0.4	7.3	23.8	33.5	35.1	29.6	8.1	-46.6	37.4
GLP-5	-0.1	6.8	23.3	33	34.5	28.9	6.9	-49.9	36.9
GLP-6	-0.6	6.3	22.8	32.4	33.9	28.1	5.5	-53.8	36.2
GLP-7	-0.8	6.1	22.6	32.1	33.5	27.7	4.6	-56.1	35.8
GLP-8	-0.4	6.5	23	32.5	34	28.3	5.8	-53	36.3
GLP-9	0.1	7	23.5	33	34.5	28.9	6.8	-50.1	36.8
GLP-10	0.4	7.4	23.9	33.4	34.9	29.4	7.8	-47.4	37.3
R13	29.6	39.4	59.2	70.8	73.6	69.4	53.1	24.7	76.1
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	14.8	24.7	44.3	55.8	58.8	54	34.7	-7	61
CHC-6	15.7	25.6	45.2	56.8	59.9	55.2	36.8	-2	62.2
CHC-7	-3.2	5.6	25.3	36.8	39.9	35.3	16.9	-21.7	42.2
CHC-8	-4.4	5.5	25.1	36.7	39.7	35.1	16.6	-22.5	42
CHC-9	-4.6	5.3	24.9	36.4	39.5	34.8	16.1	-23.7	41.8
CHC-10	16.6	26.4	46.1	57.7	60.8	56.4	38.6	2.3	63.2
CHC-11	18	27.9	47.6	59.3	62.6	58.3	41.6	9.2	64.9
CHC-12	19.4	29.3	49.1	60.8	64.2	60.1	44.2	15	66.6
CHC-13	20.7	30.7	50.5	62.2	65.7	61.8	46.6	20	68.2
CHC-14	21.2	31.1	50.9	62.7	66.2	62.3	47.4	21.6	68.7
CHC-15	5	12	29.6	41.3	44.7	40.7	25.1	-3	47.2
GLP-1	-0.9	6.7	26.4	37.9	40	35.4	18.1	-21.3	42.5
GLP-2	18	27.9	47.6	59.2	61.4	57	40.7	4.8	63.9
GLP-3	17.2	27.1	46.8	58.3	60.4	55.9	38.9	0.6	62.9
GLP-4	16.7	26.5	46.2	57.7	59.8	55.2	37.7	-2.2	62.3
GLP-5	16.1	25.9	45.6	57	59.1	54.3	36.3	-5.6	61.5
GLP-6	15.4	25.2	44.8	56.3	58.2	53.3	34.6	-9.8	60.6
GLP-7	15	24.8	44.4	55.8	57.7	52.7	33.6	-12.3	60.1
GLP-8	15.5	25.3	44.9	56.4	58.3	53.4	34.9	-9.1	60.7
GLP-9	16	25.8	45.5	56.9	58.9	54.2	36.1	-6.2	61.4
GLP-10	16.4	26.3	45.9	57.4	59.5	54.8	37.1	-3.6	62
R14	24.7	33.4	51.4	60.8	60.5	53.1	32.2	6.1	63
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-4.4	2.5	21	32.3	34.8	29.3	6.6	-48	37
CHC-6	-5.5	2.2	21.7	33	35.7	30.3	8.4	-43.2	37.8
CHC-7	-7	2.6	22.1	33.4	36.1	30.8	9.4	-40.6	38.3
CHC-8	-7	2.8	22.3	33.7	36.4	31.2	10	-39	38.6
CHC-9	-5.9	3	22.6	33.9	36.7	31.5	10.6	-37.4	38.9
CHC-10	-7	2.7	22.2	33.6	36.3	31.1	9.8	-39.5	38.5
CHC-11	5.2	12.3	29.1	37.5	37.4	32.1	11.6	-34.9	40.2
CHC-12	4.8	11.9	28.6	37.1	37.8	32.8	12.9	-31.6	40.5
CHC-13	4.9	12	28.8	37.3	38.5	33.7	14.3	-28.1	41.1
CHC-14	4.3	11.4	28.1	36.6	38.4	33.5	14	-28.8	40.9
CHC-15	3.5	10.6	27.2	35.7	37.4	32.4	12.1	-33.7	39.8
GLP-1	14.2	23.1	41.4	50.9	50.5	43	21.5	-26	53
GLP-2	15.2	24	42.1	51.6	51.2	43.9	23.6	-19.3	53.7

GLP-3	15.1	23.9	42	51.5	51.1	43.7	23.3	-20.1	53.6
GLP-4	15	23.8	41.8	51.3	50.9	43.5	22.9	-20.8	53.4
GLP-5	14.6	23.3	41.3	50.7	50.2	42.7	22	-22.4	52.7
GLP-6	14.1	22.8	40.7	49.9	49.4	41.8	20.7	-24.8	51.9
GLP-7	13.5	22.2	40.1	49.3	48.7	41.1	19.3	-28.7	51.3
GLP-8	13.8	22.6	40.6	49.9	49.3	41.7	20.2	-27.3	51.9
GLP-9	14.1	22.9	41	50.4	49.9	42.4	20.9	-26.1	52.4
GLP-10	14.3	23.2	41.3	50.9	50.5	42.9	21.5	-25.5	52.9
R15	14.3	20.8	37.5	48.2	50.4	45.4	26.9	6.1	52.7
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-2.9	4	20.4	30.7	33	27	2.5	-59.3	35.1
CHC-6	-6.7	0.6	20	31.1	33.5	27.7	3.7	-56	35.6
CHC-7	-8.2	1.1	20.5	31.7	34.2	28.5	5.3	-51.7	36.4
CHC-8	-1.6	5.3	21.8	32.3	34.9	29.3	6.6	-47.9	37
CHC-9	-1.2	5.7	22.2	32.9	35.6	30.1	8.2	-43.8	37.7
CHC-10	-8.5	0.8	20.2	31.4	33.8	28.1	4.4	-54.1	36
CHC-11	-8.9	0.9	20.3	31.5	34	28.2	4.7	-53.2	36.1
CHC-12	-5	1.8	20.3	31.5	34	28.2	4.7	-53.3	36.1
CHC-13	-0.1	6.8	23.3	31.7	34.2	28.5	5.1	-52	36.3
CHC-14	-0.1	6.8	23.3	31.5	33.8	28	4.3	-54.4	36
CHC-15	-0.8	6.1	22.5	30.8	33.1	27.2	2.7	-58.7	35.2
GLP-1	1.2	8.1	24.7	35.4	37.3	32.2	12.7	-34.5	39.7
GLP-2	2.3	9.3	25.9	36.2	38.1	33.2	14.5	-30.2	40.5
GLP-3	2.6	9.6	26.2	36.8	38.8	34	15.9	-26.7	41.3
GLP-4	2.8	9.8	26.5	37.3	39.4	34.7	16.9	-24.1	41.8
GLP-5	3.1	10	26.7	37.9	40	35.4	18	-21.4	42.4
GLP-6	3.3	10.3	27	38.4	40.6	36.1	19.2	-18.7	43.1
GLP-7	2.5	9.4	26.2	37.7	39.8	35.2	17.7	-22.1	42.3
GLP-8	2.2	9.2	25.8	37.2	39.2	34.5	16.6	-24.8	41.7
GLP-9	1.9	8.8	25.5	36.6	38.6	33.8	15.4	-27.7	41
GLP-10	1.6	8.5	25.2	36.1	38	33.1	14.2	-30.7	40.4
R16	17.9	25.3	42.3	50.8	49.8	41.2	16.4	6	52.4
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	2.2	9.5	26.1	34.1	32.9	22.9	-7.3	-87	35.4
CHC-6	-9.4	-2.3	16.9	27.8	29.6	22.6	-6.2	-83.8	31.6
CHC-7	-11	-1.9	17.3	28.2	30.1	23.4	-4.7	-79.6	32.1
CHC-8	3.1	10.4	27	35.1	34.2	24.6	-3.5	-76	36.6
CHC-9	3.3	10.6	27.3	35.4	34.6	25.1	-2.1	-72.1	37
CHC-10	-11.3	-2.1	17.1	28	29.8	23	-5.5	-81.9	31.8
CHC-11	-11.5	-2	17.2	28.1	30	23.2	-5.1	-80.7	32
CHC-12	6.7	15.2	32.7	41.4	40.8	31.2	0.1	-78.2	43.1
CHC-13	6.8	15.3	32.8	41.5	40.9	31.4	0.6	-76.7	43.3
CHC-14	6.6	15.1	32.6	41.3	40.7	31.1	-0.1	-78.8	43.1
CHC-15	6.3	14.8	32.3	41	40.3	30.5	-1.4	-83	42.6
GLP-1	5.1	12.4	29.1	37.3	35.7	26.6	2.1	-63.2	38.5
GLP-2	5.6	12.9	29.7	38	36.4	27.4	3.6	-59	39.1
GLP-3	5.6	12.9	29.6	37.9	36.4	27.7	4.8	-55.8	39.1
GLP-4	5.5	12.7	29.4	37.7	36.3	28.2	5.6	-53.4	39.1
GLP-5	5.2	12.4	29.1	37.4	35.9	28.7	6.5	-50.9	38.8
GLP-6	4.3	11.4	28	36.3	34.9	29.2	7.5	-48.3	38
GLP-7	4.7	11.9	28.6	36.9	35.4	28.6	6.4	-51.2	38.4
GLP-8	4.9	12.1	28.8	37	35.6	28.1	5.4	-53.9	38.4
GLP-9	5.2	12.5	29.2	37.5	35.9	27.5	4.4	-56.7	38.7
GLP-10	5.3	12.6	29.3	37.6	36	27	3.4	-59.6	38.8

R17	18.4	26.7	44.4	53.3	52	42.5	13.3	6	54.6
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-12.1	-4.5	14.5	25	26.2	18.2	-15.5	-111.4	28.2
CHC-6	4.9	13.6	31.2	39.9	38.9	28.4	-7.8	-105.2	41.3
CHC-7	5.3	14	31.6	40.4	39.4	29.1	-6.3	-100.8	41.8
CHC-8	5.6	14.3	32	40.8	39.9	29.7	-4.9	-96.8	42.3
CHC-9	5.9	14.7	32.4	41.2	40.5	30.5	-3.4	-92.4	42.8
CHC-10	-12.7	-4.3	14.7	25.3	26.5	18.7	-14.5	-108.4	28.5
CHC-11	-13.9	-4.3	14.7	25.2	26.5	18.6	-14.7	-109	28.5
CHC-12	-12.5	-4.4	14.6	25.1	26.4	18.4	-15	-110	28.3
CHC-13	0	7.1	23.4	31.1	29.5	18.6	-14.8	-109.4	32.1
CHC-14	-0.2	6.9	23.2	30.9	29.2	18.2	-15.7	-112	31.9
CHC-15	-0.4	6.7	23	30.6	28.8	17.7	-16.9	-115.7	31.5
GLP-1	7.5	16.3	34.1	43	41.4	31.7	0.2	-84.6	44.1
GLP-2	2.6	9.8	26.3	34.3	32.1	22.1	-6.2	-86.8	35
GLP-3	2.6	9.8	26.3	34.3	32.2	22.8	-4.8	-82.8	35.1
GLP-4	2.4	9.5	26	34	32	23.3	-3.8	-79.9	34.9
GLP-5	2.4	9.6	26	34.1	32.1	23.9	-2.7	-76.6	35.1
GLP-6	9	17.8	35.7	44.8	43.6	34.5	5.8	-68.6	46.2
GLP-7	8.9	17.7	35.6	44.8	43.5	34.4	5.4	-69.9	46.1
GLP-8	8.5	17.3	35.2	44.3	43	33.7	4.1	-73.5	45.6
GLP-9	8.2	17	34.8	43.9	42.4	33	2.8	-77.1	45.1
GLP-10	7.9	16.6	34.5	43.4	41.9	32.4	1.6	-80.6	44.6
R18	11.8	17.7	34.1	44.1	45.7	39.7	17	6	47.9
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-10.8	-1.9	17.3	28.2	30.1	23.3	-4.8	-79.8	32.1
CHC-6	-10.4	-1.9	17.4	28.3	30.2	23.4	-4.6	-79.2	32.2
CHC-7	-4.4	2.4	18.7	28.8	30.8	24.2	-3	-74.8	32.8
CHC-8	-5.2	1.6	18.3	29.3	31.4	24.9	-1.6	-70.7	33.4
CHC-9	-6.1	0.7	18.8	29.8	32	25.8	0	-66.2	34.1
CHC-10	-3.9	3	19.3	28.2	30.1	23.4	-4.7	-79.5	32.2
CHC-11	-11.8	-2.1	17.1	27.9	29.8	22.9	-5.6	-82.2	31.8
CHC-12	-10.7	-2.4	16.8	27.6	29.4	22.5	-6.6	-84.9	31.4
CHC-13	-9.5	-2.5	16.7	27.5	29.3	22.3	-6.8	-85.7	31.3
CHC-14	-8.4	-1.6	16.4	27.2	28.9	21.8	-7.9	-88.8	30.9
CHC-15	-8.5	-1.8	16.2	26.9	28.6	21.4	-8.8	-91.5	30.6
GLP-1	-1	5.9	22.3	31.6	32.9	26.8	3.1	-60.4	35.2
GLP-2	-1.1	5.8	22.2	31.4	32.7	26.6	2.7	-61.5	35
GLP-3	-0.7	6.2	22.6	32	33.4	27.5	4.3	-57	35.7
GLP-4	-0.4	6.5	23	32.4	33.9	28.1	5.5	-53.8	36.2
GLP-5	-0.1	6.8	23.3	33	34.5	28.9	6.8	-50.1	36.8
GLP-6	0	6.9	23.4	33.6	35.2	29.8	8.5	-45.7	37.6
GLP-7	-0.2	6.7	23.2	33.7	35.3	29.9	8.7	-45	37.7
GLP-8	-0.3	6.6	23.1	33.1	34.7	29.1	7.3	-48.9	37
GLP-9	-0.4	6.5	23	32.6	34.1	28.3	5.9	-52.8	36.4
GLP-10	-0.7	6.2	22.7	32.1	33.5	27.6	4.5	-56.4	35.8
R19	11	16.6	32.9	42.5	43.8	37.3	12.9	6	46
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-11.9	-3	16.1	26.9	28.5	21.3	-8.9	-91.9	30.5
CHC-6	-11.7	-2.9	16.2	26.9	28.6	21.4	-8.8	-91.4	30.6
CHC-7	-6	0.7	16.9	27.4	29.1	22.1	-7.3	-87.1	31.1
CHC-8	-6.3	0.4	17	27.8	29.7	22.8	-5.9	-83.1	31.7

CHC-9	-7.3	-0.6	17.4	28.3	30.3	23.5	-4.4	-78.7	32.3
CHC-10	-4.9	1.9	18.1	26.9	28.5	21.3	-8.9	-91.8	30.6
CHC-11	-12.8	-3.2	15.9	26.6	28.2	20.9	-9.8	-94.6	30.2
CHC-12	-11.7	-3.4	15.6	26.3	27.9	20.4	-10.8	-97.4	29.8
CHC-13	-10.5	-3.5	15.6	26.2	27.8	20.3	-11.1	-98.2	29.7
CHC-14	-9.3	-2.6	15.3	25.9	27.4	19.8	-12.1	-101.3	29.4
CHC-15	-9.4	-2.8	15.1	25.7	27.1	19.4	-13	-103.9	29.1
GLP-1	-2.8	4	20.3	30	31	24.5	-1.4	-73.1	33.3
GLP-2	-1.6	5.3	21.6	29.8	30.8	24.3	-1.9	-74.3	33.1
GLP-3	-1.4	5.4	21.8	30.4	31.5	25.1	-0.3	-69.8	33.7
GLP-4	-1.4	5.5	21.9	30.7	31.9	25.7	0.8	-66.7	34.2
GLP-5	-1.3	5.6	22	31.2	32.5	26.3	2.1	-63	34.8
GLP-6	-1.3	5.6	22	31.8	33.1	27.2	3.7	-58.7	35.4
GLP-7	-1.6	5.3	21.7	31.9	33.2	27.3	3.9	-58.1	35.5
GLP-8	-1.5	5.3	21.8	31.4	32.6	26.6	2.5	-61.9	34.9
GLP-9	-1.5	5.3	21.7	30.9	32.1	25.9	1.2	-65.6	34.4
GLP-10	-1.6	5.3	21.7	30.4	31.6	25.2	-0.1	-69.2	33.8
R20	9	13.7	29.8	39.4	40.2	32.5	7.4	6	42.3
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-14	-4.9	14	24.4	25.5	17.3	-17.5	-117.4	27.5
CHC-6	-14.5	-5	14	24.4	25.5	17.3	-17.5	-117.6	27.5
CHC-7	-14.2	-4.7	14.3	24.8	25.9	17.9	-16.2	-113.6	27.9
CHC-8	-13.6	-4.4	14.6	25.1	26.4	18.5	-15	-109.8	28.4
CHC-9	-9.9	-3.3	14.9	25.5	26.9	19.1	-13.6	-105.7	28.9
CHC-10	-11.1	-4.5	13.9	24.3	25.4	17.1	-17.9	-118.6	27.4
CHC-11	-14.8	-5.3	13.6	24	25	16.6	-19	-122	27
CHC-12	-13.5	-5.5	13.4	23.7	24.7	16.1	-20.1	-125.2	26.7
CHC-13	-12.8	-5.6	13.3	23.6	24.5	15.9	-20.5	-126.5	26.5
CHC-14	-11.5	-5	13.1	23.4	24.2	15.5	-21.5	-129.6	26.2
CHC-15	-11.1	-4.5	12.9	23.2	24	15.2	-22.2	-131.7	26
GLP-1	-8.4	-1.7	16.3	26.9	27.4	19.8	-11.1	-101.3	29.6
GLP-2	-3.6	3.2	19.3	26.9	27.1	19.4	-11.8	-103.5	29.4
GLP-3	-3.6	3.1	19.3	27.2	27.6	20.1	-10.4	-99.2	29.9
GLP-4	-3.7	3.1	19.2	27.5	28	20.6	-9.4	-96.1	30.3
GLP-5	-3.8	3	19.2	27.8	28.4	21.2	-8.2	-92.7	30.7
GLP-6	-4	2.8	19	28.2	29	21.9	-6.8	-88.6	31.2
GLP-7	-4.4	2.4	18.6	28.4	29.1	22.1	-6.4	-87.3	31.4
GLP-8	-5.9	0.8	17.2	28	28.7	21.5	-7.6	-90.9	30.9
GLP-9	-6.3	0.4	16.9	27.6	28.2	20.9	-8.8	-94.4	30.5
GLP-10	-6.9	-0.2	16.6	27.3	27.8	20.4	-9.9	-97.7	30.1
R21	8.7	13.2	29.3	39	39.6	31.8	7.1	6	41.8
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-14.3	-5.1	13.8	24.2	25.2	16.9	-18.4	-120.2	27.2
CHC-6	-14.7	-5.2	13.7	24.1	25.2	16.8	-18.6	-120.7	27.1
CHC-7	-14.4	-4.9	14	24.5	25.6	17.4	-17.3	-116.9	27.6
CHC-8	-14.2	-4.6	14.3	24.8	26	17.9	-16.1	-113.2	28
CHC-9	-8.8	-2.2	14.6	25.2	26.4	18.5	-14.8	-109.2	28.4
CHC-10	-12.6	-5.3	13.6	24	25	16.6	-19	-122	27
CHC-11	-15	-5.5	13.3	23.7	24.6	16.1	-20.2	-125.7	26.6
CHC-12	-13.6	-5.7	13.1	23.4	24.2	15.5	-21.4	-129.2	26.2
CHC-13	-13.3	-5.8	13	23.3	24.1	15.3	-21.9	-130.7	26.1
CHC-14	-12	-5.4	12.8	23	23.7	14.9	-22.9	-133.8	25.7
CHC-15	-11.2	-4.7	12.6	22.9	23.5	14.6	-23.5	-135.7	25.5
GLP-1	-8.9	-2.2	15.9	26.5	26.9	19.1	-12.5	-105.5	29.1
GLP-2	-4.7	2	18.1	26.3	26.6	18.7	-13.4	-108.2	28.8

GLP-3	-4	2.7	18.8	26.7	27.1	19.4	-12	-104	29.3
GLP-4	-4.1	2.6	18.8	27	27.4	19.8	-11	-101	29.7
GLP-5	-4.2	2.5	18.7	27.3	27.8	20.4	-9.9	-97.6	30.1
GLP-6	-4.5	2.3	18.4	27.7	28.3	21	-8.5	-93.6	30.6
GLP-7	-4.9	1.8	18	27.9	28.5	21.3	-8	-92.1	30.8
GLP-8	-7.2	-0.5	16.8	27.5	28.1	20.7	-9.2	-95.5	30.3
GLP-9	-7.6	-0.9	16.5	27.2	27.7	20.2	-10.3	-98.9	29.9
GLP-10	-8.2	-1.5	16.2	26.9	27.3	19.7	-11.4	-102.1	29.5
R22	8.1	12.3	29.1	39.8	40.7	33.1	7.7	6	42.8
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-13.4	-3.9	15.1	25.7	27.1	19.4	-12.9	-103.7	29.1
CHC-6	-10.7	-4.1	14.9	25.5	26.9	19.1	-13.6	-105.8	28.8
CHC-7	-13.5	-3.9	15.2	25.8	27.2	19.5	-12.7	-103	29.2
CHC-8	-13.2	-3.7	15.4	26.1	27.5	20	-11.7	-100	29.5
CHC-9	-13	-3.4	15.7	26.4	27.9	20.5	-10.7	-97.1	29.9
CHC-10	-13.4	-4.3	14.7	25.3	26.6	18.7	-14.4	-108.2	28.6
CHC-11	-11.4	-4.7	14.3	24.8	26	17.9	-16.1	-113.3	28
CHC-12	-12.2	-5	13.9	24.4	25.5	17.2	-17.6	-117.9	27.5
CHC-13	-12.3	-5.2	13.7	24.2	25.2	16.8	-18.5	-120.5	27.2
CHC-14	-11	-4.4	13.5	23.9	24.9	16.4	-19.5	-123.4	26.8
CHC-15	-10.3	-3.7	13.5	23.9	24.8	16.3	-19.6	-124	26.8
GLP-1	-8.7	-2	16.7	27.4	27.9	20.5	-9.6	-96.7	30.2
GLP-2	-6.3	0.4	16.5	26.9	27.3	19.7	-11.2	-101.7	29.6
GLP-3	-6.4	0.3	16.6	27.2	27.8	20.3	-10.1	-98.2	30
GLP-4	-6.4	0.4	16.8	27.5	28	20.6	-9.3	-95.9	30.3
GLP-5	-6.4	0.4	17	27.7	28.4	21.1	-8.4	-93.3	30.6
GLP-6	-6.5	0.2	17.3	28.1	28.8	21.6	-7.3	-90.1	31
GLP-7	-9	-1.6	17.6	28.4	29.1	22.1	-6.3	-87.1	31.4
GLP-8	-9.3	-1.8	17.4	28.1	28.8	21.7	-7.2	-89.6	31.1
GLP-9	-9.6	-2	17.1	27.9	28.5	21.3	-8	-92.1	30.7
GLP-10	-10.1	-2.2	16.9	27.6	28.2	20.9	-8.8	-94.4	30.5
R23	8.4	13	30.6	41.4	42.7	35.8	10	6	44.8
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-11.4	-1.9	17.4	28.3	30.2	23.5	-4.5	-79.1	32.2
CHC-6	-8.8	-2.1	17	27.9	29.7	22.9	-5.7	-82.6	31.7
CHC-7	-11.7	-2	17.2	28	29.9	23.1	-5.3	-81.2	31.9
CHC-8	-11.6	-1.9	17.3	28.2	30.1	23.4	-4.7	-79.5	32.2
CHC-9	-11.4	-1.8	17.5	28.4	30.3	23.6	-4.2	-78.1	32.4
CHC-10	-7.3	-0.5	16.7	27.5	29.3	22.3	-6.9	-85.9	31.3
CHC-11	-10.5	-3	16.1	26.9	28.5	21.3	-8.9	-91.9	30.5
CHC-12	-9.8	-3.1	15.7	26.4	27.9	20.5	-10.7	-97	29.9
CHC-13	-9.4	-2.7	15.4	26	27.5	19.9	-11.8	-100.4	29.5
CHC-14	-9.3	-2.6	15.2	25.8	27.2	19.5	-12.7	-103	29.2
CHC-15	-7.6	-1	15.2	25.9	27.3	19.7	-12.4	-102.1	29.3
GLP-1	-9.3	-1	18.2	29	29.9	23.1	-4.3	-81.2	32.2
GLP-2	-8	-1.3	17.5	28.3	29.1	22	-6.5	-87.8	31.3
GLP-3	-6.3	0.4	17.7	28.6	29.3	22.3	-5.8	-85.6	31.6
GLP-4	-6.3	0.4	17.9	28.7	29.5	22.6	-5.3	-84.3	31.7
GLP-5	-6.4	0.4	18	28.9	29.7	22.8	-4.9	-82.9	31.9
GLP-6	-6.6	0.2	18.2	29	29.9	23.1	-4.2	-81.1	32.2
GLP-7	-9	-0.7	18.6	29.5	30.4	23.8	-2.9	-77.3	32.7
GLP-8	-9.2	-0.8	18.5	29.4	30.3	23.6	-3.3	-78.4	32.5
GLP-9	-9.5	-0.9	18.3	29.2	30.1	23.4	-3.7	-79.4	32.4
GLP-10	-8.7	-1	18.2	29.1	30	23.2	-4	-80.4	32.3

R24	8.8	13.9	31.7	42.7	44.2	37.8	12.7	6	46.4
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-10	-0.3	19.1	30.2	32.4	26.3	1	-63.3	34.5
CHC-6	-7.1	-0.4	18.6	29.7	31.8	25.5	-0.4	-67.4	33.9
CHC-7	-10.4	-0.6	18.7	29.7	31.9	25.6	-0.3	-66.9	34
CHC-8	-10.3	-0.6	18.8	29.8	32	25.8	0	-66.1	34.1
CHC-9	-10.2	-0.5	18.8	29.9	32.1	25.9	0.2	-65.6	34.2
CHC-10	-6.4	0.3	18.2	29.2	31.3	24.9	-1.7	-71.1	33.3
CHC-11	-6.6	0.2	17.6	28.5	30.4	23.8	-3.9	-77.3	32.5
CHC-12	-6.7	0	17	27.9	29.7	22.9	-5.7	-82.5	31.8
CHC-13	-6.9	-0.1	16.7	27.5	29.3	22.3	-7	-86.2	31.3
CHC-14	-6.9	-0.2	16.5	27.3	29	21.9	-7.8	-88.4	31
CHC-15	-7.9	-1.2	16.6	27.4	29.2	22.1	-7.2	-86.8	31.2
GLP-1	-8.9	0	19.3	30.3	31.4	25	-0.6	-70.6	33.6
GLP-2	-7.6	-0.7	18.5	29.5	30.4	23.7	-3	-77.6	32.6
GLP-3	-7.4	-0.6	18.7	29.6	30.6	23.9	-2.6	-76.3	32.8
GLP-4	-5.8	1	18.7	29.7	30.7	24	-2.3	-75.7	32.9
GLP-5	-5.8	0.9	18.8	29.7	30.7	24.2	-2.1	-75.1	33
GLP-6	-6.1	0.7	18.9	29.8	30.9	24.3	-1.8	-74.2	33.1
GLP-7	-8.5	0	19.3	30.3	31.4	25	-0.4	-70.3	33.7
GLP-8	-8.6	0	19.3	30.3	31.4	25	-0.5	-70.4	33.7
GLP-9	-8.8	0	19.3	30.3	31.4	25	-0.5	-70.5	33.6
GLP-10	-8.3	0	19.3	30.3	31.4	24.9	-0.6	-70.7	33.6
R25	8.7	13.8	31.7	42.7	44.3	37.8	12.7	6	46.4
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-9.6	0.2	19.6	30.7	33	27	2.4	-59.4	35.1
CHC-6	-6.4	0.4	19	30.1	32.3	26.2	0.8	-64	34.4
CHC-7	-10.1	-0.4	19	30	32.2	26.1	0.6	-64.5	34.3
CHC-8	-10.1	-0.4	18.9	30	32.2	26	0.6	-64.6	34.3
CHC-9	-10.2	-0.5	18.9	29.9	32.1	25.9	0.3	-65.2	34.2
CHC-10	-6.4	0.4	18.6	29.6	31.8	25.5	-0.6	-67.8	33.8
CHC-11	-8.4	-1.4	17.9	28.9	30.9	24.4	-2.7	-73.9	32.9
CHC-12	-7.4	-0.6	17.4	28.3	30.2	23.5	-4.5	-78.9	32.2
CHC-13	-7.5	-0.7	17	27.9	29.7	22.8	-5.8	-82.8	31.7
CHC-14	-7	-0.2	16.8	27.7	29.5	22.5	-6.5	-84.7	31.5
CHC-15	-5.8	1	17.2	27.9	29.8	22.9	-5.6	-82.3	31.8
GLP-1	-9.1	-0.1	19.2	30.1	31.2	24.7	-1	-71.8	33.5
GLP-2	-7.8	-0.8	18.4	29.3	30.2	23.5	-3.4	-78.8	32.5
GLP-3	-7.7	-0.8	18.5	29.4	30.3	23.6	-3.3	-78.4	32.5
GLP-4	-7.6	-0.8	18.4	29.3	30.3	23.6	-3.3	-78.4	32.5
GLP-5	-6.1	0.6	18.4	29.3	30.3	23.6	-3.3	-78.5	32.5
GLP-6	-6.4	0.4	18.4	29.3	30.3	23.6	-3.3	-78.5	32.5
GLP-7	-8.8	-0.4	18.8	29.8	30.8	24.2	-2	-74.7	33
GLP-8	-8.9	-0.4	18.9	29.9	30.9	24.3	-1.8	-74	33.1
GLP-9	-9.1	-0.3	19	29.9	31	24.5	-1.5	-73.4	33.2
GLP-10	-8.7	-0.2	19	30	31.1	24.6	-1.3	-72.8	33.3
R26	11.3	17.4	35.6	46.9	48.9	43.6	23.6	6	51.2
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-8.7	0.8	20.2	31.3	33.8	28	4.2	-54.5	35.9
CHC-6	-9.1	0.7	20.1	31.3	33.7	27.9	4	-55.1	35.8
CHC-7	-8.6	1.2	20.6	31.8	34.3	28.6	5.5	-51.1	36.5
CHC-8	-8.1	1.7	21.1	32.4	35	29.4	6.9	-47.2	37.1

CHC-9	-7.6	2.2	21.7	33	35.7	30.3	8.5	-43.1	37.9
CHC-10	-7.8	0.5	19.9	31.1	33.5	27.6	3.5	-56.5	35.6
CHC-11	-9.7	0	19.4	30.5	32.8	26.8	2	-60.7	34.9
CHC-12	-8.5	-0.4	18.9	30	32.2	26	0.6	-64.6	34.3
CHC-13	-8.6	-0.6	18.7	29.8	32	25.7	-0.1	-66.5	34
CHC-14	-7.5	-0.7	18.4	29.4	31.5	25.1	-1.3	-69.8	33.5
CHC-15	-6.6	0.2	18.2	29.2	31.3	24.8	-1.8	-71.4	33.3
GLP-1	-2.9	4	23.2	34.5	36.2	31	10.7	-40	38.6
GLP-2	-0.9	5.9	22.6	33.9	35.5	30.1	9.2	-43.9	37.9
GLP-3	-0.5	6.4	23.2	34.6	36.3	31	10.8	-39.7	38.7
GLP-4	-0.2	6.7	23.7	35	36.8	31.7	11.9	-36.8	39.2
GLP-5	0.2	7.1	24.2	35.6	37.5	32.4	13.1	-33.5	39.8
GLP-6	0.7	7.6	24.9	36.3	38.2	33.3	14.7	-29.6	40.6
GLP-7	-1.5	5.7	25.3	36.8	38.8	34	15.8	-26.9	41.2
GLP-8	-1.9	5.1	24.7	36.2	38.1	33.2	14.5	-30.2	40.5
GLP-9	-2.4	4.6	24.2	35.6	37.5	32.4	13.2	-33.5	39.9
GLP-10	-3.1	4.1	23.7	35.1	36.9	31.7	11.9	-36.6	39.2
NokiaTheater	43.7	53.7	73.7	85.6	89.5	86.4	74.7	61.5	92.3
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	34.1	44	64	75.9	79.8	76.6	64.7	50.4	82.5
CHC-6	41.2	51.2	71.2	83.1	87.1	84	72.6	60.1	89.9
CHC-7	31.8	41.8	61.7	73.7	77.5	74.3	62.1	46.7	80.2
CHC-8	27.6	37.6	57.5	69.4	73.1	69.7	56.8	38.8	75.8
CHC-9	24.6	34.6	54.4	66.3	69.9	66.3	52.7	31.7	72.5
CHC-10	36	46	65.9	77.9	81.8	78.6	66.9	53.2	84.5
CHC-11	28.9	38.9	58.8	70.7	74.5	71.2	58.5	41.4	77.2
CHC-12	25.2	35.2	55.1	66.9	70.6	67.1	53.6	33.3	73.2
CHC-13	23.1	33.1	52.9	64.7	68.3	64.6	50.5	27.6	70.9
CHC-14	7.3	14.3	32	43.8	47.4	43.6	29.1	5	49.9
CHC-15	5.5	13	32.8	44.6	48.2	44.5	30.3	7.4	50.8
GLP-1	3.6	12	31.8	43.6	46.1	42.2	28.2	1.2	48.7
GLP-2	1.6	10.8	30.6	42.3	44.7	40.7	26.1	-3.1	47.3
GLP-3	2.1	9.8	29.5	41.2	43.6	39.4	24.3	-7.1	46.1
GLP-4	1.6	9	28.8	40.4	42.7	38.5	22.9	-10.2	45.3
GLP-5	1	8.2	28	39.6	41.8	37.4	21.3	-13.7	44.3
GLP-6	0.5	7.4	27.1	38.6	40.8	36.3	19.5	-17.8	43.3
GLP-7	17.8	27.7	47.4	59	61.1	56.7	40.1	3.6	63.6
GLP-8	18.7	28.6	48.3	59.9	62.2	57.9	42	7.8	64.7
GLP-9	19.7	29.5	49.3	61	63.3	59.1	43.8	12	65.9
GLP-10	2.9	10.6	30.4	42.1	44.5	40.5	25.8	-3.8	47.1
Ritz-Flr1	28.4	38.1	57.9	69.7	73.4	69.9	56.3	35.9	76
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	25.8	35.8	55.7	67.5	71.3	67.7	54.4	34.7	73.9
CHC-6	9.6	16.7	35.7	47.6	51.3	47.8	34.5	14.8	53.9
CHC-7	7.6	14.7	33.2	45	48.6	44.9	30.8	8.3	51.1
CHC-8	6.1	13.1	31.3	43	46.6	42.7	27.9	2.7	49.1
CHC-9	4.7	11.7	29.6	41.3	44.7	40.7	25.1	-3	47.2
CHC-10	8.5	15.5	35.4	47.2	51	47.4	34	14.1	53.6
CHC-11	7.2	14.9	34.8	46.6	50.3	46.7	33.1	12.5	52.9
CHC-12	7.9	14.9	33.5	45.3	48.9	45.2	31.2	9.1	51.4
CHC-13	7.8	14.8	31.8	43.6	47.1	43.4	28.8	4.3	49.7
CHC-14	8	15	31.9	43.5	47	43.2	28.6	4	49.5
CHC-15	23.7	33.6	53.5	65.3	69	65.3	51.3	29.2	71.5
GLP-1	0.2	8.7	28.4	40	42.3	38	22.1	-11.8	44.8
GLP-2	-0.9	8	27.7	39.3	41.5	37.2	20.8	-14.8	44.1

GLP-3	0.2	7.2	26.8	38.4	40.5	36	19.1	-19	43
GLP-4	0.5	7.5	26.2	37.7	39.8	35.2	17.8	-22.1	42.3
GLP-5	0.6	7.6	25.6	37	39.1	34.3	16.3	-25.6	41.5
GLP-6	0.6	7.6	24.8	36.3	38.2	33.3	14.7	-29.7	40.6
GLP-7	0.8	7.7	25	36.5	38.5	33.6	15.1	-28.5	40.9
GLP-8	1.2	8.2	25.8	37.3	39.3	34.6	16.8	-24.5	41.7
GLP-9	1.3	8.3	26.5	38.1	40.2	35.6	18.4	-20.5	42.7
GLP-10	1.1	8	27.4	38.9	41.1	36.7	20.1	-16.5	43.6
Ritz-Flr27	33.1	43	62.8	74.5	77.9	74	59.2	35.2	80.4
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	23.3	33.3	53.1	64.9	68.6	64.9	50.8	28.2	71.1
CHC-6	23.4	33.3	53.2	65	68.6	64.9	50.8	28.3	71.1
CHC-7	21.8	31.7	51.5	63.3	66.8	63	48.3	23.5	69.4
CHC-8	20.4	30.3	50.1	61.9	65.3	61.4	46.1	18.9	67.8
CHC-9	19.1	29	48.8	60.5	63.9	59.7	43.7	13.9	66.3
CHC-10	23.2	33.1	53	64.8	68.4	64.7	50.5	27.7	70.9
CHC-11	22.8	32.7	52.5	64.2	67.7	63.7	49	24.9	70.2
CHC-12	22	31.9	51.7	63.5	67.1	63.3	48.6	24.1	69.6
CHC-13	20.8	30.7	50.6	62.3	65.8	61.9	46.7	20.3	68.3
CHC-14	20.7	30.7	50.5	62.2	65.7	61.8	46.6	20	68.2
CHC-15	22	31.9	51.8	63.5	67.1	63.3	48.7	24.2	69.6
GLP-1	8.2	15.3	32.1	40.8	41.7	37.3	21.1	-14.2	44.5
GLP-2	4.6	11.6	28.4	38.8	41	36.6	19.9	-16.9	43.5
GLP-3	12.7	20.5	37.7	46.5	45.8	38.3	18.3	-20.9	48.4
GLP-4	16.4	26.2	45.9	57.4	59.4	54.7	37	-3.8	61.9
GLP-5	15.8	25.6	45.3	56.7	58.7	53.9	35.6	-7.3	61.1
GLP-6	15.2	25	44.6	56	57.9	53	34.1	-11.2	60.3
GLP-7	15.3	25.2	44.8	56.2	58.1	53.2	34.5	-10.1	60.6
GLP-8	16	25.8	45.5	56.9	58.9	54.2	36.1	-6.2	61.4
GLP-9	16.7	26.5	46.2	57.7	59.8	55.1	37.7	-2.3	62.2
GLP-10	17.4	27.2	46.9	58.5	60.6	56.1	39.2	1.4	63.1
Ritz-Flr54	30.9	40.8	60.5	72.1	75.1	70.8	54.4	24.3	77.5
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	19.7	29.6	49.4	61.1	64.5	60.5	44.8	16.1	66.9
CHC-6	19.7	29.6	49.4	61.1	64.5	60.5	44.8	16.2	67
CHC-7	18.9	28.8	48.6	60.3	63.6	59.5	43.4	13.2	66.1
CHC-8	18.2	28.1	47.8	59.5	62.8	58.5	41.9	10	65.2
CHC-9	17.4	27.2	47	58.6	61.8	57.5	40.3	6.3	64.2
CHC-10	19.6	29.5	49.3	61	64.4	60.4	44.6	15.9	66.9
CHC-11	19.4	29.4	49.1	60.8	64.2	60.2	44.3	15.2	66.7
CHC-12	19	28.9	48.7	60.4	63.8	59.6	43.6	13.6	66.2
CHC-13	18.4	28.3	48.1	59.7	63	58.8	42.4	11	65.4
CHC-14	18.4	28.3	48	59.7	63	58.8	42.3	10.8	65.4
CHC-15	19.1	29	48.7	60.4	63.8	59.7	43.6	13.7	66.2
GLP-1	17	26.9	46.6	58.1	60.2	55.7	38.5	-0.3	62.7
GLP-2	16.2	25.7	44.7	55.2	55.7	49	29.1	-13.8	58.1
GLP-3	16	25.8	45.5	56.9	59	54.2	36.1	-6.1	61.4
GLP-4	15.6	25.4	45	56.4	58.4	53.5	35	-8.7	60.8
GLP-5	15.1	24.9	44.5	55.9	57.8	52.8	33.8	-11.8	60.2
GLP-6	14.5	24.3	43.9	55.3	57.1	52	32.4	-15.4	59.5
GLP-7	14.7	24.5	44.1	55.4	57.3	52.2	32.8	-14.4	59.7
GLP-8	15.2	25	44.6	56.1	58	53	34.2	-10.8	60.4
GLP-9	15.8	25.6	45.2	56.7	58.7	53.9	35.6	-7.4	61.1
GLP-10	16.3	26.2	45.8	57.3	59.4	54.7	36.9	-4.1	61.8

R6	9.8	15.8	34.4	45.6	47.7	42	19.9	6	49.9
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	-7.1	2.7	22.2	33.6	36.3	31	9.8	-39.6	38.5
CHC-6	-4.5	2.4	21.6	32.9	35.5	30.1	8.2	-43.9	37.7
CHC-7	-7.6	2.2	21.7	33	35.6	30.2	8.3	-43.5	37.8
CHC-8	-7.5	2.3	21.8	33.1	35.7	30.4	8.6	-42.8	37.9
CHC-9	-7.5	2.3	21.8	33.1	35.8	30.4	8.7	-42.5	38
CHC-10	-4.7	2.2	21.1	32.3	34.9	29.3	6.7	-47.7	37
CHC-11	-5.1	1.7	20.2	31.4	33.8	28.1	4.4	-54.1	36
CHC-12	-5.4	1.4	19.6	30.7	33	27	2.4	-59.4	35.1
CHC-13	-5.7	1.1	19.1	30.2	32.4	26.3	1.1	-63.2	34.5
CHC-14	-5.8	1	18.8	29.9	32.1	25.9	0.2	-65.5	34.2
CHC-15	-6.1	0.7	19	30.1	32.3	26.2	0.8	-63.9	34.4
GLP-1	-6.7	2.5	22	33.2	34.8	29.2	7.5	-48.3	37.1
GLP-2	-5.7	1.6	21	32.2	33.6	27.8	4.8	-55.5	35.9
GLP-3	-5.5	1.7	21.2	32.3	33.8	27.9	5.2	-54.6	36.1
GLP-4	-5.4	1.8	21.2	32.4	33.8	28	5.3	-54.4	36.1
GLP-5	-3.8	3.1	21.2	32.4	33.8	28	5.4	-54.1	36.1
GLP-6	-4.1	2.7	21.3	32.4	33.9	28.1	5.5	-53.8	36.2
GLP-7	-6.3	2.3	21.8	33	34.5	28.9	7	-49.8	36.9
GLP-8	-6.3	2.4	21.8	33.1	34.6	29	7.1	-49.3	36.9
GLP-9	-6.5	2.4	21.9	33.1	34.7	29.1	7.2	-49.1	37
GLP-10	-6.2	2.5	21.9	33.1	34.7	29.1	7.3	-48.8	37
R7	17.1	24.3	41.7	51.4	52.8	47.1	28.7	6.2	55.1
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	11.9	19.3	36.3	45.1	45.5	38.6	22.1	-9.7	47.9
CHC-6	10.8	18.2	35.2	43.9	44.2	37.1	19.7	-15.1	46.6
CHC-7	-2.1	6.4	26.1	37.7	40.9	36.4	18.6	-17.6	43.2
CHC-8	-3.8	6	25.7	37.3	40.4	35.8	17.8	-19.6	42.7
CHC-9	-4.4	5.5	25.2	36.7	39.8	35.1	16.6	-22.4	42.1
CHC-10	10	17.4	34.4	43.1	43.3	35.9	17.9	-19.4	45.6
CHC-11	1.5	8.5	25.1	36.1	39.1	34.4	15.4	-25.3	41.4
CHC-12	-1.6	5.3	23.7	35.2	38.1	33.2	13.4	-30.3	40.3
CHC-13	-0.1	6.9	23.5	34.4	37.3	32.2	11.7	-34.6	39.5
CHC-14	0.4	7.3	23.9	34.2	37	31.9	11.2	-35.9	39.2
CHC-15	-0.2	6.7	23.3	34.7	37.6	32.6	12.5	-32.6	39.9
GLP-1	-4.2	4.9	24.5	35.9	37.8	32.8	13.9	-31.7	40.2
GLP-2	-3.5	3.9	23.4	34.8	36.5	31.3	11.3	-38.3	38.9
GLP-3	-3.7	3.7	23.2	34.5	36.3	31	10.7	-39.9	38.6
GLP-4	-3.8	3.5	23	34.3	36	30.7	10.1	-41.3	38.4
GLP-5	-4	3.2	22.7	34	35.7	30.3	9.5	-43.1	38
GLP-6	-4.2	2.9	22.4	33.7	35.3	29.9	8.7	-45.1	37.7
GLP-7	-4.5	3.4	22.9	34.2	35.9	30.6	9.9	-41.9	38.3
GLP-8	-4.4	3.7	23.3	34.6	36.4	31.1	10.9	-39.4	38.7
GLP-9	-4.3	4.1	23.6	35	36.8	31.6	11.8	-36.9	39.2
GLP-10	-4.2	4.4	24	35.4	37.2	32.2	12.7	-34.6	39.6
R6c	18.2	27.6	47.1	58.4	61.1	55.8	34.4	6.1	63.3
CHC-1	0	0	0	0	0	0	0	0	0
CHC-2	0	0	0	0	0	0	0	0	0
CHC-3	0	0	0	0	0	0	0	0	0
CHC-4	0	0	0	0	0	0	0	0	0
CHC-5	13.4	23.2	42.8	54.1	56.9	51.8	31.1	-16.2	59.2
CHC-6	12.7	22.5	42	53.3	56	50.7	29.2	-21.1	58.2
CHC-7	-5.7	2.2	21.7	33	35.7	30.3	8.5	-43.1	37.9
CHC-8	-7.8	2	21.5	32.8	35.4	30	7.9	-44.6	37.6

CHC-9	-8	1.7	21.2	32.5	35.1	29.6	7.1	-46.6	37.2
CHC-10	12.2	21.9	41.4	52.7	55.3	49.9	27.7	-25.1	57.5
CHC-11	-1.8	5.1	21.6	31.9	34.4	28.7	5.6	-50.8	36.5
CHC-12	-5	1.8	20	31.2	33.6	27.8	3.8	-55.5	35.7
CHC-13	-3.1	3.7	20.1	30.7	33	27	2.4	-59.5	35.1
CHC-14	-2.6	4.3	20.7	30.5	32.8	26.8	1.9	-60.8	34.9
CHC-15	-3.4	3.5	19.9	30.9	33.3	27.4	3.1	-57.6	35.4
GLP-1	-7.3	1.7	21.1	32.3	33.7	27.9	5.1	-54.9	36
GLP-2	-6.1	0.9	20.3	31.4	32.7	26.6	2.6	-61.7	34.9
GLP-3	-6.2	0.8	20.2	31.3	32.5	26.4	2.3	-62.6	34.8
GLP-4	-6.3	0.7	20.1	31.1	32.4	26.2	1.9	-63.6	34.7
GLP-5	-6.3	0.6	19.9	31	32.2	26	1.5	-64.7	34.5
GLP-6	-6.3	0.5	19.8	30.8	32	25.8	1.1	-66	34.3
GLP-7	-7.3	0.8	20.2	31.3	32.5	26.4	2.3	-62.5	34.8
GLP-8	-7.3	1	20.4	31.5	32.8	26.8	3	-60.7	35.1
GLP-9	-7	1.2	20.6	31.7	33.1	27.1	3.6	-58.9	35.4
GLP-10	-7.2	1.4	20.8	32	33.4	27.5	4.2	-57.2	35.7

Outdoor Noise Prediction Model, Version 2.0 (Sean K. Bui), January 1, 2006

Client: Matrix Environmental
 Description: LA Convention Modernization & Farmers Field
 AES Job No: 2011113
 Consultant: skb
 Date: 9/13/2011

Source:	Outdoor Plazas - Sound System								
Description	63	125	250	500	1000	2000	4000	8000 dBA	
R1	71.5	71.2	70.9	70.7	70.3	69.6	66.9	57.1	75.7
CHC-1	55.2	52.9	50.1	47.1	43.7	39.8	33.9	18.1	49.2
CHC-2	55.5	53.1	50.2	47.1	43.8	40	36.2	22.9	49.4
CHC-3	56.3	53.7	50.8	47.8	44.5	41.6	38.6	27.4	50.4
CHC-4	57.1	54.5	51.6	48.6	45.3	43.4	40.9	31.5	51.5
CHC-5	65.3	65.3	65.2	65	64.7	64.2	61.9	53.4	70.3
CHC-6	65.1	65.1	65	64.8	64.5	64	61.7	52.9	70.1
CHC-7	62.6	62.6	62.4	62.2	61.8	61.1	58	46.3	67.1
CHC-8	60.8	60.7	60.6	60.3	59.8	59	55.1	40.8	65
CHC-9	59.2	59.1	58.9	58.6	58	57	52.4	35.1	63
CHC-10	47.3	44.6	44.5	44.3	44	43.5	41	31.8	49.5
CHC-11	46	43.8	43.7	43.5	43.2	42.6	39.9	29.8	48.6
CHC-12	46.4	43.4	42.4	42.2	41.8	41.1	38	26.2	47.1
CHC-13	46	43	40.8	40.6	40.1	39.3	35.5	21.5	45.3
CHC-14	46.3	43.4	40.7	40.4	40	39.1	35.3	21.1	45.1
CHC-15	62.6	62.5	62.4	62.2	61.8	61.1	58	46.3	67.1
GLP-1	38.6	36.9	36.6	36.3	35.5	34.2	28.3	6.1	40.3
GLP-2	37.2	36.2	36	35.5	34.8	33.3	26.9	3	39.5
GLP-3	38.3	35.4	35.1	34.6	33.8	32.2	25.2	-1.1	38.4
GLP-4	38.6	35.5	34.5	34	33.1	31.4	23.9	-4.2	37.7
GLP-5	38.5	35.4	33.8	33.3	32.3	30.5	22.5	-7.7	36.9
GLP-6	37.9	34.8	33.1	32.6	31.5	29.6	20.9	-11.7	36
GLP-7	38	35	33.3	32.8	31.7	29.9	21.4	-10.5	36.3
GLP-8	38.7	35.6	34.1	33.5	32.6	30.8	23	-6.5	37.2
GLP-9	39.4	36.3	34.8	34.4	33.5	31.9	24.6	-2.5	38.1
GLP-10	39.3	36.3	35.6	35.2	34.4	32.9	26.3	1.4	39.1
R2	74.7	74.7	74.6	74.4	74.1	73.6	71.2	63.4	79.6
CHC-1	34	32.1	31.6	30.9	29.7	27.4	17.2	-21.2	34.1
CHC-2	32.7	32.5	32	31.4	30.2	28	18.2	-18.5	34.6
CHC-3	33.1	32.9	32.5	31.9	30.8	28.7	19.4	-15.4	35.2
CHC-4	33.6	33.4	33	32.5	31.4	29.4	20.7	-12.2	35.9
CHC-5	34.1	33.9	33.5	33	32	30.1	21.8	-9.5	36.5
CHC-6	37	34.4	34.1	33.5	32.6	30.8	23	-6.5	37.1
CHC-7	55.5	55.3	55	54.5	53.7	52.1	45	18.4	58.3
CHC-8	56.3	56.2	55.9	55.5	54.7	53.3	46.9	22.8	59.4
CHC-9	57.4	57.3	57	56.6	55.9	54.7	49	27.7	60.7
CHC-10	35.5	34.7	34.3	33.8	32.9	31.2	23.5	-5.1	37.5
CHC-11	34.7	34.6	34.2	33.7	32.8	31.1	23.3	-5.6	37.3
CHC-12	35.5	34.3	33.9	33.4	32.4	30.7	22.7	-7.2	37
CHC-13	37.5	34.4	33.9	33.4	32.5	30.7	22.7	-7.1	37
CHC-14	38	34.9	33.4	32.8	31.8	29.9	21.5	-10.2	36.3
CHC-15	37.5	34.4	32.7	32.2	31	29.1	20	-13.9	35.5
GLP-1	60	59.9	59.7	59.5	58.9	58	53.8	38	64
GLP-2	60.8	60.8	60.6	60.3	59.9	59	55.2	40.9	65
GLP-3	62.6	62.6	62.4	62.2	61.9	61.2	58.1	46.4	67.1
GLP-4	64.2	64.1	64	63.8	63.5	62.9	60.3	50.6	69
GLP-5	66.2	66.2	66.1	65.9	65.7	65.2	63.2	55.4	71.3
GLP-6	68.7	68.6	68.6	68.5	68.3	67.9	66.4	60.6	74.1
GLP-7	66.1	66	65.9	65.8	65.5	65.1	63	55.1	71.2
GLP-8	64.5	64.5	64.4	64.2	63.9	63.3	60.8	51.5	69.4
GLP-9	62.9	62.9	62.7	62.6	62.2	61.5	58.5	47.3	67.5
GLP-10	61.5	61.4	61.3	61.1	60.6	59.8	56.3	43	65.8

R3	66.3	66	65.6	65.2	64.4	63	57.1	37.4	69.1
CHC-1	31.8	29.8	29.2	28.4	26.8	23.9	10.7	-38.5	31.1
CHC-2	30.3	30.1	29.5	28.7	27.1	24.3	11.5	-36.3	31.4
CHC-3	30.6	30.4	29.8	29	27.5	24.8	12.4	-33.9	31.8
CHC-4	30.9	30.7	30.2	29.4	27.9	25.3	13.3	-31.4	32.3
CHC-5	32.3	31	30.5	29.7	28.3	25.7	14.2	-29.1	32.6
CHC-6	51.5	51.3	50.8	50.1	48.7	46.2	35.1	-6.7	53.1
CHC-7	52.2	52	51.5	50.8	49.5	47.3	36.9	-2	53.9
CHC-8	52.8	52.6	52.1	51.5	50.3	48.2	38.5	2.3	54.8
CHC-9	53.5	53.3	52.9	52.3	51.2	49.3	40.3	7	55.7
CHC-10	32.7	31.4	30.9	30.2	28.9	26.5	15.5	-25.6	33.3
CHC-11	31.6	31.3	30.8	30.1	28.8	26.3	15.2	-26.4	33.1
CHC-12	32.6	31.1	30.6	29.9	28.5	26	14.6	-27.9	32.9
CHC-13	35	31.9	30.7	29.9	28.5	26	14.7	-27.6	32.9
CHC-14	43.7	40.9	37.6	34	29.6	25.4	13.6	-30.6	35.7
CHC-15	35.2	32.1	29.8	29	27.4	24.7	12.3	-34.2	31.8
GLP-1	55	54.8	54.5	54	53.1	51.4	43.9	15.8	57.7
GLP-2	47.4	44.7	41.6	38.2	34.3	31.9	24.7	-2.3	40.5
GLP-3	48.2	45.4	42.3	39	35.2	33.2	26.7	2.5	41.4
GLP-4	48.7	45.9	42.8	39.5	35.8	34.2	28.2	5.9	42.1
GLP-5	49.3	46.5	43.4	40.2	36.5	35.3	30	9.8	42.9
GLP-6	59	58.9	58.7	58.4	57.8	56.7	52	34.3	62.7
GLP-7	58.5	58.4	58.1	57.8	57.2	56.1	51.1	32.2	62.1
GLP-8	57.5	57.4	57.1	56.8	56.1	54.9	49.2	28.2	60.9
GLP-9	56.6	56.5	56.2	55.8	55.1	53.7	47.5	24.2	59.8
GLP-10	55.8	55.7	55.4	54.9	54.1	52.6	45.8	20.3	58.8
R4	47.4	45.1	43.6	42.6	41	38.2	25.9	-18.6	45.4
CHC-1	40	37	33.6	29.8	27.8	25.1	13	-32.2	32.9
CHC-2	30.6	30.4	29.8	29	27.5	24.7	12.3	-34.1	31.8
CHC-3	30.4	30.1	29.6	28.7	27.2	24.4	11.7	-35.8	31.5
CHC-4	30.2	29.9	29.3	28.5	26.9	24	10.9	-37.9	31.2
CHC-5	30	29.7	29.1	28.2	26.6	23.6	10.3	-39.7	30.9
CHC-6	32.6	29.4	28.8	27.9	26.3	23.2	9.5	-41.8	30.6
CHC-7	30	29.8	29.2	28.3	26.7	23.8	10.6	-38.8	31
CHC-8	30.4	30.1	29.6	28.7	27.2	24.4	11.7	-35.8	31.5
CHC-9	30.7	30.5	30	29.2	27.7	25	12.8	-32.9	32
CHC-10	29.8	29.2	28.5	27.6	25.9	22.8	8.6	-44.3	30.2
CHC-11	31.4	28.6	27.9	26.9	25.1	21.8	6.7	-49.6	29.4
CHC-12	30.7	28.1	27.4	26.4	24.4	20.9	5	-54.4	28.7
CHC-13	30.6	27.8	27.1	26	24	20.4	4.1	-57.1	28.3
CHC-14	31.7	28.5	26.8	25.7	23.6	19.9	3	-60.2	28
CHC-15	32	28.7	26.7	25.6	23.6	19.8	2.9	-60.6	27.9
GLP-1	33.9	30.7	29.9	29.1	27.6	24.9	12.7	-33	32
GLP-2	35.3	32.1	29.2	28.3	26.7	23.8	10.6	-38.7	31.1
GLP-3	35.5	32.4	29.6	28.8	27.2	24.5	11.8	-35.4	31.6
GLP-4	35.6	32.5	29.9	29.1	27.6	24.9	12.6	-33.4	32
GLP-5	35.7	32.5	30.2	29.4	28	25.4	13.5	-31	32.4
GLP-6	35.6	32.5	30.6	29.8	28.4	25.9	14.5	-28.2	32.8
GLP-7	33.4	31.6	31.1	30.4	29.1	26.7	15.9	-24.6	33.4
GLP-8	33.1	31.3	30.8	30.1	28.7	26.2	15.1	-26.7	33.1
GLP-9	32.7	31	30.5	29.7	28.3	25.8	14.3	-28.9	32.7
GLP-10	32.6	30.7	30.2	29.4	28	25.4	13.5	-30.9	32.3
R5	46.6	44.4	43.1	42.2	40.5	37.6	24.7	-20.4	44.9
CHC-1	39	35.9	32.5	30.5	29.2	26.8	16.1	-24.1	33.8
CHC-2	31.4	31.2	30.7	30	28.6	26.1	14.8	-27.4	32.9
CHC-3	31	30.8	30.3	29.5	28	25.4	13.6	-30.5	32.4
CHC-4	30.6	30.3	29.8	29	27.5	24.7	12.3	-34.1	31.8
CHC-5	30.3	30	29.4	28.6	27	24.1	11.2	-37.2	31.3
CHC-6	32.8	29.6	29	28.1	26.4	23.5	9.9	-40.6	30.7
CHC-7	30	29.8	29.2	28.3	26.7	23.7	10.5	-39.1	31
CHC-8	30.2	30	29.4	28.5	26.9	24.1	11.1	-37.3	31.3

CHC-9	30.4	30.1	29.6	28.7	27.2	24.4	11.7	-35.9	31.5
CHC-10	33.7	30.5	28.6	27.6	25.9	22.8	8.7	-44	30.3
CHC-11	30.8	28.6	27.9	26.9	25	21.7	6.6	-50.1	29.3
CHC-12	31.4	28.2	27.3	26.3	24.3	20.8	4.7	-55.3	28.6
CHC-13	31.7	28.4	26.9	25.9	23.8	20.2	3.5	-58.7	28.2
CHC-14	31.7	28.5	26.7	25.6	23.5	19.7	2.6	-61.4	27.8
CHC-15	32.8	29.6	26.8	25.7	23.6	19.8	2.9	-60.5	28
GLP-1	31.1	29.7	29.1	28.3	26.6	23.7	10.4	-39.3	31
GLP-2	32.2	29	28.3	27.4	25.6	22.4	8	-46.1	29.9
GLP-3	33.1	29.9	28.6	27.6	25.9	22.8	8.7	-44.1	30.2
GLP-4	34.1	30.9	28.7	27.8	26.1	23	9.1	-42.9	30.4
GLP-5	34	30.8	28.8	27.9	26.3	23.3	9.6	-41.7	30.6
GLP-6	33.9	30.7	29	28.1	26.5	23.5	10.1	-40.2	30.8
GLP-7	31.6	30.1	29.5	28.7	27.1	24.3	11.5	-36.2	31.4
GLP-8	31.4	30	29.4	28.6	27	24.2	11.3	-37	31.3
GLP-9	31.1	29.9	29.3	28.5	26.9	24	11	-37.8	31.2
GLP-10	31.7	29.8	29.2	28.4	26.7	23.8	10.7	-38.6	31.1
R6b	49.4	47.5	46.6	46	44.9	42.9	34.6	7.8	49.4
CHC-1	43.2	40.2	36.9	36.1	35.3	34	27.9	5.3	40.2
CHC-2	36.1	35.9	35.6	35.2	34.4	32.9	26.3	1.5	39.1
CHC-3	35.3	35.2	34.9	34.4	33.5	31.9	24.7	-2.2	38.1
CHC-4	34.6	34.4	34.1	33.6	32.6	30.9	23	-6.4	37.1
CHC-5	34	33.8	33.4	32.9	31.8	30	21.5	-10.1	36.3
CHC-6	35.8	33.1	32.7	32.1	31	29	19.9	-14.2	35.5
CHC-7	33.4	33.3	32.9	32.3	31.2	29.2	20.2	-13.3	35.6
CHC-8	33.6	33.4	33	32.5	31.4	29.4	20.7	-12.2	35.9
CHC-9	33.7	33.5	33.1	32.6	31.5	29.6	20.9	-11.7	36
CHC-10	35.4	32.5	32.1	31.5	30.3	28.1	18.4	-18	34.7
CHC-11	34.8	31.6	31.1	30.4	29.1	26.7	15.9	-24.4	33.5
CHC-12	34.2	31.1	30.3	29.6	28.2	25.6	13.9	-29.9	32.5
CHC-13	33.9	30.7	29.8	29	27.5	24.8	12.5	-33.7	31.9
CHC-14	33.7	30.5	29.5	28.7	27.1	24.3	11.6	-36.2	31.5
CHC-15	33.9	30.7	29.7	28.9	27.4	24.6	12.1	-34.8	31.7
GLP-1	33.2	32.6	32.2	31.6	30.4	28.3	18.6	-17.4	34.8
GLP-2	34	31.6	31.1	30.4	29	26.6	15.8	-24.8	33.4
GLP-3	34.1	31.7	31.2	30.5	29.2	26.9	16.2	-23.8	33.6
GLP-4	34.2	31.7	31.3	30.6	29.3	26.9	16.3	-23.5	33.6
GLP-5	36.1	32.9	31.3	30.6	29.3	27	16.4	-23.3	33.7
GLP-6	35	31.9	31.3	30.6	29.3	27	16.5	-23	33.7
GLP-7	33.7	32.4	31.9	31.3	30.1	27.9	18	-18.9	34.5
GLP-8	33.7	32.5	32	31.4	30.2	28	18.2	-18.4	34.6
GLP-9	33.5	32.5	32.1	31.4	30.2	28.1	18.4	-18.1	34.7
GLP-10	33.7	32.6	32.1	31.5	30.3	28.2	18.4	-17.9	34.7
R7b	62.4	59.9	57.1	54.2	51.1	48.1	43.9	32	56.7
CHC-1	57.2	54.7	51.8	48.7	45.5	42.9	40.3	30.6	51.5
CHC-2	55.6	53	50.2	47.1	43.7	40.7	37.4	25.1	49.6
CHC-3	54.1	51.5	48.6	45.5	42.1	38.6	34.6	19.6	47.8
CHC-4	52.6	50.1	47.2	44	40.5	36.6	31.7	13.7	46.2
CHC-5	51.5	49	46.1	42.9	39.3	35.1	29.4	8.7	44.9
CHC-6	50.4	47.9	45	41.7	38	33.6	27.1	3.3	43.7
CHC-7	37.3	35.8	35.5	35	34.2	32.7	26	0.8	38.9
CHC-8	35.5	35.4	35.1	34.6	33.7	32.2	25.1	-1.3	38.4
CHC-9	35	34.9	34.5	34	33.1	31.5	24	-4.1	37.7
CHC-10	49.7	47.1	44.1	40.8	37.1	32.6	25.2	-1	42.7
CHC-11	40.9	37.8	34.5	33.4	32.5	30.7	22.8	-7	37.1
CHC-12	37.7	34.6	33.1	32.5	31.4	29.5	20.8	-12	36
CHC-13	39.3	36.2	32.8	31.8	30.6	28.5	19.1	-16.2	35.2
CHC-14	39.7	36.7	33.3	31.5	30.3	28.2	18.6	-17.6	35
CHC-15	39.1	36.1	32.7	32.1	31	29	19.8	-14.3	35.5
GLP-1	34.2	33.2	32.8	32.3	31.2	29.2	20.2	-13.4	35.6
GLP-2	34.9	32.2	31.8	31.1	29.9	27.7	17.6	-20	34.3

GLP-3	34.7	32	31.5	30.9	29.6	27.3	17	-21.5	34
GLP-4	34.6	31.8	31.3	30.6	29.4	27	16.5	-23	33.7
GLP-5	34.4	31.6	31.1	30.4	29	26.7	15.8	-24.7	33.4
GLP-6	34.2	31.3	30.8	30.1	28.7	26.2	15.1	-26.7	33.1
GLP-7	33.9	31.7	31.2	30.6	29.3	26.9	16.3	-23.6	33.6
GLP-8	34	32.1	31.6	31	29.7	27.5	17.2	-21	34.1
GLP-9	34	32.4	32	31.4	30.2	28	18.2	-18.6	34.6
GLP-10	34.1	32.8	32.4	31.8	30.6	28.5	19.1	-16.3	35
R8	58.8	57.5	56	54.5	52.8	50.5	41.9	10.4	57.5
CHC-1	54	53.9	53.5	53	51.9	50.1	41.7	10.4	56.4
CHC-2	49.5	47.4	44.6	41.3	37.4	32.5	20.5	-13.7	43
CHC-3	49.3	47.2	44.5	41.2	37.2	32.2	19.5	-18.1	42.8
CHC-4	48.5	46.4	43.6	40.3	36.2	31	17.5	-23	41.9
CHC-5	48.3	46.3	43.6	40.3	36.1	30.8	16.6	-27.3	41.8
CHC-6	48.1	46.3	43.6	40.3	36.1	30.6	15.6	-32.1	41.8
CHC-7	32.7	30.3	29.7	28.9	27.4	24.6	12.1	-34.6	31.7
CHC-8	30.3	30.1	29.5	28.6	27.1	24.3	11.4	-36.5	31.4
CHC-9	30	29.8	29.2	28.3	26.7	23.8	10.5	-39	31
CHC-10	47.8	45.9	43.2	39.9	35.7	30	14.4	-35.9	41.4
CHC-11	35.3	32.1	28.9	28	26.4	23.4	9.8	-41.1	30.8
CHC-12	33.5	30.3	28.4	27.5	25.7	22.6	8.2	-45.4	30.1
CHC-13	35.6	32.4	28.8	27	25.1	21.8	6.8	-49.3	29.7
CHC-14	36.2	33	29.4	26.9	25	21.7	6.5	-50.2	29.7
CHC-15	46.5	44.5	41.8	38.3	33.8	27.7	10.3	-46.6	39.7
GLP-1	30.1	28.8	28.2	27.2	25.4	22.2	7.5	-47.5	29.7
GLP-2	31.5	28.2	27.5	26.4	24.5	21	5.2	-53.9	28.8
GLP-3	31.3	28.1	27.3	26.3	24.3	20.8	4.8	-55.1	28.6
GLP-4	31.2	28	27.2	26.1	24.2	20.6	4.4	-56.3	28.5
GLP-5	31.2	27.9	27	26	24	20.3	3.9	-57.7	28.3
GLP-6	31.2	27.9	26.9	25.8	23.8	20.1	3.4	-59.2	28.1
GLP-7	30.1	28	27.2	26.2	24.2	20.7	4.5	-55.9	28.5
GLP-8	30	28.2	27.5	26.4	24.5	21	5.2	-53.8	28.8
GLP-9	30.4	28.4	27.7	26.7	24.8	21.4	5.9	-51.9	29.1
GLP-10	30.3	28.6	27.9	26.9	25	21.7	6.6	-49.9	29.3
R9	59.5	57.5	55	51.9	48.1	43.4	31.3	-1.2	53.6
CHC-1	51.2	49.1	46.4	43.3	39.5	35	24.5	-4.1	45
CHC-2	51.2	49.2	46.6	43.5	39.7	35.1	24.2	-6.9	45.2
CHC-3	48.1	45.6	42.5	39.1	35.2	30.4	21.5	-10.2	40.9
CHC-4	47.6	45.1	42	38.6	34.6	29.6	19.9	-14.2	40.3
CHC-5	47.6	45.2	42.2	38.8	34.7	29.6	18.4	-18	40.4
CHC-6	49.4	47.6	45	41.9	37.9	32.7	19.3	-22.3	43.4
CHC-7	49.7	48.2	45.9	43	39	33.8	19.9	-24.4	44.5
CHC-8	31.2	31	30.5	29.7	28.3	25.7	14.2	-29.1	32.6
CHC-9	30.8	30.5	30	29.2	27.7	25	12.8	-32.7	32
CHC-10	49.6	48	45.6	42.6	38.7	33.4	19.6	-24.4	44.1
CHC-11	34.9	31.7	30.4	29.7	28.2	25.7	14.1	-29.4	32.6
CHC-12	35.6	32.4	30	29.2	27.7	25	12.8	-32.7	32.1
CHC-13	37.6	34.5	31	28.7	27.1	24.3	11.5	-36.3	31.7
CHC-14	48.3	46.7	44.2	41.1	36.9	31.3	15.6	-35.2	42.5
CHC-15	48.6	46.9	44.4	41.2	37.1	31.6	16.6	-31.5	42.7
GLP-1	31.5	29.4	28.8	27.9	26.3	23.2	9.5	-41.8	30.6
GLP-2	31.5	28.9	28.2	27.2	25.5	22.2	7.6	-47.1	29.8
GLP-3	32.6	29.4	27.9	27	25.1	21.8	6.8	-49.5	29.4
GLP-4	32.4	29.2	27.7	26.7	24.8	21.5	6.1	-51.4	29.2
GLP-5	32.2	29	27.5	26.5	24.5	21.1	5.3	-53.6	28.9
GLP-6	32	28.7	27.2	26.2	24.2	20.6	4.4	-56.1	28.5
GLP-7	31.1	28.2	27.5	26.5	24.6	21.1	5.4	-53.4	28.9
GLP-8	31.1	28.5	27.8	26.8	25	21.6	6.4	-50.6	29.3
GLP-9	31.5	28.8	28.1	27.2	25.4	22.1	7.4	-47.8	29.7
GLP-10	31.5	29.1	28.4	27.5	25.8	22.6	8.3	-45.1	30.1

R10	59	57.7	56.7	55.7	54.4	52.2	42.9	21.2	58.9
CHC-1	43.5	40.6	37.3	33.7	29.4	27	16.5	-23	35.8
CHC-2	43.7	40.9	37.6	34	30.1	27.9	18	-19	36.3
CHC-3	44	41.1	37.8	34.3	30.8	28.8	19.5	-15.2	36.8
CHC-4	41.1	38.1	34.8	32.7	31.6	29.7	21.1	-11.1	36.4
CHC-5	39.8	36.7	33.8	33.3	32.3	30.5	22.4	-7.9	36.9
CHC-6	39.8	36.7	34.4	33.9	33	31.3	23.8	-4.6	37.6
CHC-7	42.1	39.1	35.8	33.4	32.4	30.6	22.6	-7.3	37.2
CHC-8	43.4	40.4	37.1	33.6	31.7	29.8	21.3	-10.6	37
CHC-9	33.7	33.1	32.7	32.1	31	29	19.9	-14.1	35.5
CHC-10	40.5	37.5	35	34.6	33.7	32.1	25	-1.5	38.4
CHC-11	45.7	42.8	39.6	36.2	35.1	33.8	27.6	4.6	40.4
CHC-12	46	43	39.9	37.2	36.5	35.3	30	9.8	41.7
CHC-13	44.7	41.8	38.6	37.8	37.2	36.1	31.1	12.2	42.2
CHC-14	42.9	39.8	39.2	38.9	38.4	37.4	32.9	16.2	43.4
CHC-15	46.6	43.7	40.5	39.4	38.8	37.9	33.7	17.7	44
GLP-1	33.9	32.7	32.3	31.7	30.5	28.4	18.8	-16.8	34.9
GLP-2	36.6	33.5	32.7	32.1	31	29	19.9	-14.3	35.5
GLP-3	37.4	34.3	31.9	31.3	30.1	27.9	18	-19	34.6
GLP-4	52.1	51.9	51.4	50.8	49.5	47.2	36.7	-2.3	53.9
GLP-5	51.6	51.4	50.9	50.2	48.8	46.4	35.3	-6	53.2
GLP-6	51	50.8	50.3	49.5	48.1	45.5	33.7	-10.4	52.4
GLP-7	36.7	33.6	30.1	29.4	27.9	25.3	13.3	-31.5	32.3
GLP-8	36.5	33.4	30.7	29.9	28.5	26	14.7	-27.7	32.9
GLP-9	36.2	33	31.2	30.5	29.2	26.8	16.1	-24	33.6
GLP-10	35.5	32.3	31.7	31	29.8	27.6	17.4	-20.5	34.2
R11	54.4	51.5	48.3	45.3	42.2	39	27.9	-7.7	47.6
CHC-1	42.1	39.3	35.9	32.1	27.3	21.6	6.4	-50.7	33.6
CHC-2	42.2	39.4	36	32.2	27.4	22.3	7.7	-46.8	33.8
CHC-3	38.6	35.5	32	28.1	26	23	9	-43.2	31.2
CHC-4	37.6	34.5	30.9	28.3	26.6	23.7	10.4	-39.3	31.3
CHC-5	35.9	32.7	29.5	28.7	27.1	24.3	11.6	-36.1	31.5
CHC-6	36.3	33.2	30	29.2	27.7	25	12.8	-32.7	32.1
CHC-7	42.5	39.6	36.2	32.5	28	24.6	12	-34.9	34.3
CHC-8	31.7	29.9	29.3	28.5	26.9	24.1	11.1	-37.6	31.2
CHC-9	30.2	29.6	29	28.1	26.5	23.5	10	-40.4	30.8
CHC-10	37	33.9	30.4	29.6	28.2	25.6	14	-29.6	32.6
CHC-11	41.9	39	35.6	32	29.2	26.9	16.2	-23.6	34.8
CHC-12	40.9	37.8	34.5	31.4	30.2	28	18.2	-18.5	35
CHC-13	40.1	37	33.7	31.9	30.7	28.7	19.4	-15.5	35.4
CHC-14	36.5	33.4	33	32.5	31.4	29.5	20.7	-12.2	35.9
CHC-15	38.6	35.5	33.1	32.5	31.4	29.5	20.7	-12.1	36
GLP-1	31.3	29.5	28.9	28	26.3	23.3	9.6	-41.5	30.6
GLP-2	43.1	40.3	36.9	33.2	28.7	24	11	-37.7	34.9
GLP-3	42.9	40.1	36.7	32.9	28.3	23.2	9.5	-41.9	34.6
GLP-4	42.7	39.9	36.5	32.7	28	22.6	8.4	-44.9	34.3
GLP-5	42.5	39.7	36.3	32.5	27.7	22	7.2	-48.3	34
GLP-6	42.2	39.5	36	32.2	27.3	21.3	5.7	-52.4	33.7
GLP-7	41.9	39.2	35.7	31.8	27	21	5.1	-54.2	33.3
GLP-8	42.2	39.4	36	32.1	27.3	21.6	6.3	-50.8	33.7
GLP-9	42.4	39.7	36.3	32.4	27.7	22.2	7.4	-47.6	34
GLP-10	33.1	29.9	28.5	27.6	25.8	22.7	8.5	-44.6	30.2
R12	53.4	50.4	47.3	45	43.8	41.6	32.6	4	48.5
CHC-1	39.1	36	32.5	28.6	26	22.9	8.8	-43.8	31.4
CHC-2	39.5	36.4	32.9	29.1	26.6	23.7	10.3	-39.6	31.9
CHC-3	39	36	32.5	28.8	27.2	24.5	11.8	-35.4	32.2
CHC-4	38.1	35	31.6	29.4	28	25.4	13.5	-30.8	32.6
CHC-5	38	34.9	31.4	30	28.7	26.2	15	-27	33.2
CHC-6	40.8	37.8	34.4	30.7	29.4	27.1	16.6	-22.7	34.4
CHC-7	34.1	31.7	31.2	30.5	29.2	26.9	16.2	-23.7	33.6
CHC-8	31.7	31.5	31	30.3	28.9	26.5	15.5	-25.5	33.3

CHC-9	31.6	31.2	30.7	30	28.6	26.1	14.8	-27.5	32.9
CHC-10	41.2	38.2	34.8	31.3	30.1	27.9	18	-18.9	35
CHC-11	42.1	39.1	35.7	32.4	31.4	29.4	20.6	-12.4	36.3
CHC-12	42.9	39.9	36.6	33.5	32.5	30.8	22.9	-6.7	37.5
CHC-13	43.4	40.4	37.2	34.3	33.4	31.8	24.5	-2.7	38.4
CHC-14	41.5	38.5	35.3	34.9	34.1	32.6	25.7	0.1	38.8
CHC-15	40.1	37.1	35	34.5	33.6	32	24.9	-1.8	38.3
GLP-1	33.6	31.3	30.8	30.1	28.7	26.3	15.1	-26.6	33.1
GLP-2	39.7	36.6	33.2	30.9	29.6	27.4	17.1	-21.5	34.3
GLP-3	39.1	36	32.6	30.3	28.9	26.5	15.5	-25.5	33.6
GLP-4	38.7	35.6	32.2	29.8	28.4	25.9	14.5	-28.3	33.1
GLP-5	38.3	35.2	31.7	29.4	27.9	25.2	13.3	-31.5	32.5
GLP-6	37.8	34.7	31.2	28.8	27.2	24.5	11.8	-35.5	31.9
GLP-7	37.6	34.5	31	28.5	26.9	24	11	-37.8	31.5
GLP-8	38	34.9	31.4	28.9	27.4	24.6	12.1	-34.7	32
GLP-9	38.4	35.3	31.8	29.3	27.8	25.2	13.2	-31.7	32.5
GLP-10	38.8	35.7	32.2	29.7	28.3	25.7	14.2	-29.1	33
R13	68.9	68.8	68.5	68.1	67.3	66	60.3	43	72.1
CHC-1	51.5	51.2	50.7	50	48.6	46.1	34.9	-7.1	53
CHC-2	52	51.8	51.4	50.7	49.4	47.1	36.6	-2.7	53.8
CHC-3	52.7	52.5	52.1	51.4	50.2	48.1	38.3	1.8	54.7
CHC-4	53.5	53.3	52.9	52.3	51.2	49.3	40.3	6.9	55.7
CHC-5	54.2	54	53.7	53.1	52.1	50.3	42.1	11.4	56.7
CHC-6	55.1	54.9	54.6	54.1	53.2	51.6	44.1	16.4	57.8
CHC-7	36.1	35	34.7	34.2	33.3	31.7	24.3	-3.3	37.9
CHC-8	35	34.8	34.5	34	33.1	31.4	23.9	-4.2	37.7
CHC-9	34.8	34.6	34.3	33.8	32.8	31.1	23.4	-5.3	37.4
CHC-10	55.9	55.8	55.5	55	54.2	52.7	46	20.7	58.9
CHC-11	57.4	57.2	57	56.6	55.9	54.7	48.9	27.6	60.7
CHC-12	58.8	58.7	58.4	58.1	57.5	56.5	51.6	33.4	62.5
CHC-13	60.1	60	59.8	59.5	59	58.1	53.9	38.3	64.1
CHC-14	60.6	60.5	60.3	60	59.6	58.7	54.7	39.9	64.7
CHC-15	44.4	41.4	39	38.7	38.1	37.1	32.5	15.3	43.1
GLP-1	37.4	35.1	34.7	34.3	33.4	31.7	24.4	-2.9	38
GLP-2	56.4	56.3	56	55.6	54.8	53.4	47	23.1	59.5
GLP-3	55.6	55.4	55.1	54.7	53.8	52.3	45.2	19	58.4
GLP-4	55	54.9	54.5	54.1	53.1	51.5	44	16.1	57.7
GLP-5	54.4	54.3	53.9	53.4	52.4	50.6	42.6	12.7	57
GLP-6	53.7	53.6	53.2	52.6	51.5	49.6	41	8.6	56
GLP-7	53.3	53.2	52.7	52.2	51	49.1	40	6.1	55.5
GLP-8	53.8	53.7	53.3	52.7	51.7	49.8	41.2	9.2	56.2
GLP-9	54.3	54.2	53.8	53.3	52.3	50.5	42.4	12.2	56.8
GLP-10	54.8	54.6	54.3	53.8	52.9	51.2	43.5	14.8	57.4
R14	63.1	61.8	59.8	57.2	53.8	49.5	38.7	5.7	59
CHC-1	31.8	28.9	28.2	27.3	25.5	22.3	7.7	-46.8	29.8
CHC-2	29.6	29.3	28.7	27.8	26.1	23	9.1	-42.8	30.4
CHC-3	30.1	29.8	29.2	28.4	26.7	23.8	10.7	-38.6	31.1
CHC-4	35.5	32.3	29.8	29	27.5	24.8	12.4	-33.9	31.9
CHC-5	35	31.8	30.4	29.6	28.2	25.6	14	-29.6	32.6
CHC-6	33.9	31.5	31.1	30.3	29	26.6	15.8	-24.9	33.4
CHC-7	32.4	31.9	31.4	30.8	29.5	27.2	16.8	-22.3	33.9
CHC-8	32.3	32.1	31.7	31	29.8	27.5	17.4	-20.7	34.2
CHC-9	33.5	32.4	31.9	31.3	30.1	27.9	18	-19	34.5
CHC-10	32.3	32.1	31.6	30.9	29.7	27.4	17.2	-21.2	34.1
CHC-11	44.5	41.7	38.4	34.9	30.8	28.4	18.9	-16.6	37.1
CHC-12	44.2	41.3	38	34.5	31.2	29.2	20.2	-13.3	37.1
CHC-13	44.3	41.4	38.1	34.6	31.9	30	21.7	-9.7	37.6
CHC-14	43.7	40.8	37.5	34	31.8	29.9	21.4	-10.4	37.2
CHC-15	42.9	39.9	36.6	33	30.8	28.7	19.4	-15.4	36.2
GLP-1	52.6	51.5	49.7	47.3	43.9	39.3	27.8	-7.6	49
GLP-2	53.6	52.4	50.5	47.9	44.6	40.2	29.9	-1	49.7

GLP-3	53.5	52.3	50.4	47.8	44.5	40.1	29.7	-1.7	49.6
GLP-4	53.3	52.1	50.2	47.6	44.2	39.8	29.3	-2.5	49.4
GLP-5	53	51.7	49.7	47	43.5	39.1	28.3	-4.1	48.8
GLP-6	52.5	51.1	49	46.3	42.7	38.2	27.1	-6.5	48
GLP-7	51.9	50.5	48.4	45.7	42.1	37.4	25.7	-10.3	47.4
GLP-8	52.2	50.9	48.9	46.2	42.7	38.1	26.5	-8.9	47.9
GLP-9	52.4	51.3	49.3	46.8	43.3	38.7	27.3	-7.8	48.5
GLP-10	52.6	51.5	49.7	47.2	43.8	39.3	27.9	-7.1	48.9
R15	52.3	49.4	46.4	45.1	44	41.9	33.3	4.4	48.6
CHC-1	30.4	28.3	27.6	26.5	24.6	21.2	5.6	-52.9	28.9
CHC-2	28.8	28.5	27.9	26.9	25	21.7	6.5	-50.2	29.3
CHC-3	29.1	28.9	28.2	27.2	25.5	22.2	7.6	-47.2	29.8
CHC-4	29.5	29.2	28.6	27.7	25.9	22.8	8.8	-43.9	30.2
CHC-5	36.5	33.3	29.8	28	26.4	23.4	9.8	-40.9	30.9
CHC-6	32.7	29.9	29.3	28.5	26.9	24	11	-37.7	31.2
CHC-7	31.2	30.4	29.9	29.1	27.6	24.9	12.6	-33.3	31.9
CHC-8	37.8	34.7	31.2	29.6	28.2	25.6	14	-29.6	32.7
CHC-9	38.1	35.1	31.6	30.3	28.9	26.5	15.5	-25.5	33.4
CHC-10	30.9	30.2	29.6	28.8	27.2	24.4	11.7	-35.7	31.5
CHC-11	30.5	30.3	29.7	28.9	27.3	24.6	12	-34.9	31.7
CHC-12	34.3	31.1	29.7	28.9	27.3	24.6	12	-34.9	31.7
CHC-13	39.2	36.2	32.7	29	27.5	24.8	12.5	-33.6	32.4
CHC-14	39.2	36.2	32.7	28.9	27.2	24.3	11.6	-36	32.2
CHC-15	38.5	35.4	31.9	28.1	26.5	23.5	10.1	-40.3	31.4
GLP-1	39.5	36.4	33.1	31.8	30.6	28.5	19.1	-16.2	35.2
GLP-2	40.7	37.6	34.3	32.5	31.5	29.5	20.8	-11.8	36.2
GLP-3	40.9	37.9	34.6	33.2	32.2	30.4	22.2	-8.3	36.9
GLP-4	41.2	38.1	34.8	33.7	32.7	31	23.3	-5.8	37.4
GLP-5	41.4	38.4	35.1	34.2	33.3	31.7	24.4	-3.1	38
GLP-6	41.6	38.6	35.3	34.8	33.9	32.4	25.5	-0.4	38.7
GLP-7	40.8	37.8	34.6	34.1	33.2	31.5	24.1	-3.7	37.8
GLP-8	40.5	37.5	34.2	33.5	32.6	30.9	23	-6.5	37.2
GLP-9	40.2	37.2	33.9	33	32	30.1	21.8	-9.4	36.6
GLP-10	39.9	36.9	33.5	32.4	31.4	29.4	20.6	-12.4	36
R16	56.4	54.2	51.3	47.8	43.3	37.7	22.6	-24.9	49.3
CHC-1	28	25.8	24.9	23.6	21.1	16.6	-3.8	-80.2	25.5
CHC-2	26.4	26	25.1	23.8	21.4	17	-3	-77.6	25.7
CHC-3	26.6	26.3	25.4	24.1	21.7	17.5	-2	-74.7	26.1
CHC-4	26.9	26.5	25.7	24.5	22.1	18	-0.9	-71.5	26.5
CHC-5	41.6	38.9	35.4	31.4	26.2	19.2	0.1	-68.7	32.8
CHC-6	30	27.1	26.3	25.1	22.9	19	1.2	-65.5	27.2
CHC-7	28.3	27.5	26.7	25.6	23.5	19.7	2.6	-61.3	27.8
CHC-8	42.4	39.7	36.3	32.4	27.5	20.9	3.9	-57.7	33.9
CHC-9	42.7	40	36.6	32.8	27.9	21.5	5.3	-53.7	34.2
CHC-10	28.1	27.2	26.5	25.3	23.2	19.3	1.9	-63.5	27.5
CHC-11	27.8	27.3	26.6	25.4	23.3	19.5	2.2	-62.4	27.6
CHC-12	46.1	44.5	42.1	38.8	34.1	27.6	7.5	-59.9	40
CHC-13	46.2	44.6	42.2	38.9	34.3	27.8	8	-58.4	40.1
CHC-14	46	44.5	42	38.7	34	27.5	7.3	-60.4	39.9
CHC-15	45.7	44.2	41.7	38.3	33.6	26.9	5.9	-64.6	39.5
GLP-1	43.5	40.8	37.5	33.7	29	22.9	8.4	-44.9	35.2
GLP-2	44	41.3	38	34.3	29.7	23.8	9.9	-40.6	35.8
GLP-3	43.9	41.2	37.9	34.2	29.7	24.1	11.1	-37.4	35.8
GLP-4	43.8	41.1	37.8	34.1	29.6	24.5	12	-35.1	35.7
GLP-5	43.5	40.7	37.4	33.7	29.3	25	12.9	-32.5	35.5
GLP-6	42.6	39.7	36.4	32.7	28.3	25.6	13.9	-29.9	34.7
GLP-7	43.1	40.3	36.9	33.2	28.8	25	12.8	-32.8	35
GLP-8	43.2	40.5	37.1	33.4	28.9	24.4	11.8	-35.5	35.1
GLP-9	43.6	40.8	37.5	33.8	29.3	23.9	10.8	-38.4	35.4
GLP-10	43.7	41	37.7	33.9	29.3	23.4	9.7	-41.2	35.5

R17	56.8	55.4	53.1	50	45.4	38.9	18.8	-46.1	51.2
CHC-1	26.6	24.3	23.2	21.7	18.7	13.4	-10.6	-100.4	23.2
CHC-2	24.9	24.4	23.3	21.8	18.9	13.7	-10.1	-98.8	23.4
CHC-3	25	24.6	23.5	22	19.1	14	-9.4	-97	23.6
CHC-4	25.1	24.7	23.7	22.2	19.3	14.3	-8.8	-95	23.8
CHC-5	27.3	24.8	23.8	22.3	19.6	14.6	-8.2	-93.1	24
CHC-6	44.3	43	40.6	37.3	32.2	24.7	-0.4	-86.9	38.3
CHC-7	44.6	43.3	41	37.7	32.8	25.4	1.1	-82.4	38.8
CHC-8	44.9	43.6	41.3	38.1	33.3	26.1	2.4	-78.4	39.2
CHC-9	45.3	44	41.8	38.6	33.8	26.8	4	-74	39.7
CHC-10	26.7	25.1	24.1	22.6	19.9	15	-7.1	-90	24.3
CHC-11	25.5	25	24	22.6	19.8	14.9	-7.3	-90.6	24.3
CHC-12	26.8	24.9	23.9	22.5	19.7	14.8	-7.7	-91.7	24.2
CHC-13	39.3	36.5	32.8	28.5	22.8	14.9	-7.5	-91	29.8
CHC-14	39.2	36.3	32.6	28.2	22.5	14.5	-8.3	-93.6	29.6
CHC-15	38.9	36.1	32.3	27.9	22.1	14	-9.6	-97.4	29.3
GLP-1	45.9	44.6	42.4	39.3	34.7	28	6.5	-66.3	40.5
GLP-2	41	38.2	34.7	30.6	25.4	18.5	0.1	-68.5	32
GLP-3	41	38.2	34.7	30.7	25.6	19.2	1.5	-64.5	32.1
GLP-4	40.8	37.9	34.4	30.4	25.3	19.7	2.5	-61.6	31.9
GLP-5	40.8	37.9	34.4	30.4	25.4	20.2	3.7	-58.3	32
GLP-6	47.3	46.1	44.1	41.2	37	30.8	12.1	-50.3	42.4
GLP-7	47.2	46.1	44	41.1	36.9	30.7	11.8	-51.6	42.4
GLP-8	46.9	45.7	43.6	40.7	36.3	30	10.5	-55.2	41.9
GLP-9	46.5	45.3	43.2	40.2	35.8	29.4	9.2	-58.8	41.4
GLP-10	46.2	45	42.8	39.8	35.3	28.7	8	-62.2	41
R18	49.1	46.2	43.2	41.2	39.5	36.4	23.2	-21.8	44
CHC-1	29.5	27.2	26.4	25.3	23.1	19.3	1.7	-64	27.4
CHC-2	27.6	27.2	26.5	25.3	23.2	19.3	1.9	-63.5	27.5
CHC-3	27.7	27.3	26.5	25.4	23.3	19.5	2.1	-62.8	27.6
CHC-4	27.7	27.4	26.6	25.5	23.4	19.6	2.3	-62.1	27.7
CHC-5	28.5	27.4	26.7	25.5	23.5	19.7	2.6	-61.5	27.8
CHC-6	29	27.5	26.7	25.6	23.5	19.8	2.8	-60.8	27.9
CHC-7	34.9	31.7	28	26.1	24.1	20.6	4.3	-56.4	28.7
CHC-8	34.2	31	27.6	26.6	24.7	21.3	5.8	-52.3	29.1
CHC-9	33.3	30.1	28.1	27.2	25.4	22.1	7.3	-47.8	29.7
CHC-10	35.5	32.3	28.6	25.6	23.5	19.7	2.7	-61.1	28.3
CHC-11	27.6	27.2	26.4	25.3	23.1	19.3	1.8	-63.8	27.5
CHC-12	28.7	27	26.2	25	22.8	18.8	0.8	-66.6	27.1
CHC-13	29.9	26.9	26.1	24.9	22.7	18.7	0.5	-67.4	27
CHC-14	31	27.7	25.8	24.6	22.3	18.2	-0.5	-70.5	26.7
CHC-15	30.8	27.6	25.5	24.3	21.9	17.7	-1.5	-73.2	26.3
GLP-1	37.4	34.3	30.7	27.9	26.2	23.2	9.4	-42	30.9
GLP-2	37.3	34.2	30.6	27.8	26	23	9	-43.2	30.8
GLP-3	37.7	34.5	31	28.4	26.7	23.8	10.7	-38.7	31.4
GLP-4	37.9	34.8	31.3	28.8	27.2	24.5	11.8	-35.4	31.9
GLP-5	38.2	35.1	31.6	29.3	27.9	25.2	13.2	-31.7	32.5
GLP-6	38.3	35.2	31.8	30	28.6	26.1	14.8	-27.3	33.2
GLP-7	38.1	35	31.6	30.1	28.7	26.2	15.1	-26.7	33.3
GLP-8	38.1	35	31.5	29.5	28	25.4	13.6	-30.6	32.6
GLP-9	38	34.9	31.4	28.9	27.4	24.7	12.2	-34.4	32.1
GLP-10	37.7	34.6	31.1	28.4	26.8	24	10.9	-38	31.5
R19	48	45	41.9	39.7	37.6	34.1	18.6	-34.8	42.3
CHC-1	28.6	26.2	25.3	24.1	21.7	17.4	-2.2	-75.4	26
CHC-2	26.6	26.2	25.4	24.1	21.7	17.4	-2.1	-75.1	26
CHC-3	26.7	26.3	25.4	24.1	21.8	17.5	-1.9	-74.6	26.1
CHC-4	26.7	26.3	25.4	24.2	21.8	17.6	-1.8	-74.1	26.2
CHC-5	27.4	26.4	25.5	24.2	21.9	17.7	-1.6	-73.6	26.2
CHC-6	27.6	26.4	25.5	24.3	21.9	17.7	-1.4	-73.1	26.3
CHC-7	33.3	30.1	26.3	24.7	22.5	18.4	0	-68.8	27
CHC-8	33	29.8	26.3	25.2	23	19.1	1.4	-64.7	27.4

CHC-9	32	28.8	26.8	25.7	23.6	19.9	3	-60.3	28
CHC-10	34.5	31.3	27.4	24.2	21.9	17.7	-1.6	-73.5	26.8
CHC-11	26.5	26.1	25.3	24	21.6	17.2	-2.5	-76.2	25.9
CHC-12	27.7	25.9	25	23.7	21.2	16.8	-3.4	-79	25.6
CHC-13	28.9	25.8	24.9	23.6	21.1	16.6	-3.7	-79.9	25.5
CHC-14	30	26.7	24.7	23.3	20.7	16.1	-4.8	-82.9	25.2
CHC-15	29.9	26.6	24.4	23	20.4	15.7	-5.6	-85.6	24.9
GLP-1	35.5	32.4	28.7	26.3	24.4	20.9	4.9	-54.7	29
GLP-2	36.8	33.6	30	26.2	24.2	20.6	4.5	-56	29.2
GLP-3	36.9	33.8	30.2	26.7	24.8	21.4	6.1	-51.5	29.7
GLP-4	37	33.9	30.3	27.1	25.3	22	7.2	-48.3	30.1
GLP-5	37.1	33.9	30.3	27.6	25.8	22.7	8.5	-44.7	30.5
GLP-6	37	33.9	30.4	28.1	26.5	23.5	10	-40.4	31.1
GLP-7	36.8	33.6	30.1	28.2	26.6	23.6	10.3	-39.7	31.1
GLP-8	36.8	33.7	30.1	27.7	26	22.9	8.9	-43.5	30.6
GLP-9	36.8	33.7	30.1	27.2	25.4	22.2	7.6	-47.3	30.2
GLP-10	36.8	33.6	30	26.8	24.9	21.6	6.3	-50.8	29.7
R20	44.7	41.8	38.9	36.7	34.1	29.4	8.6	-64.1	38.7
CHC-1	27.4	24.5	23.4	21.9	19	13.8	-9.7	-97.8	23.5
CHC-2	24.9	24.5	23.4	21.9	19	13.8	-9.9	-98.3	23.4
CHC-3	24.9	24.4	23.4	21.8	18.9	13.7	-10	-98.6	23.4
CHC-4	24.9	24.4	23.3	21.8	18.9	13.7	-10.1	-98.9	23.4
CHC-5	25.3	24.4	23.3	21.8	18.9	13.6	-10.1	-99	23.4
CHC-6	24.9	24.4	23.3	21.8	18.9	13.6	-10.2	-99.2	23.4
CHC-7	25.1	24.7	23.6	22.1	19.3	14.2	-8.9	-95.3	23.8
CHC-8	25.8	25	23.9	22.5	19.7	14.8	-7.6	-91.4	24.2
CHC-9	29.4	26.1	24.3	22.9	20.2	15.4	-6.2	-87.3	24.7
CHC-10	28.2	24.8	23.2	21.7	18.7	13.5	-10.5	-100.2	23.3
CHC-11	24.6	24.1	23	21.4	18.4	13	-11.6	-103.6	22.9
CHC-12	25.9	23.9	22.7	21.1	18	12.5	-12.7	-106.9	22.6
CHC-13	26.6	23.8	22.6	21	17.9	12.3	-13.1	-108.1	22.5
CHC-14	27.8	24.4	22.4	20.7	17.5	11.8	-14.1	-111.2	22.2
CHC-15	28.3	24.8	22.3	20.5	17.3	11.5	-14.8	-113.4	22
GLP-1	29.9	26.6	24.7	23.3	20.7	16.1	-4.8	-83	25.2
GLP-2	34.7	31.5	27.6	23.3	20.5	15.8	-5.5	-85.1	25.9
GLP-3	34.7	31.5	27.6	23.5	21	16.5	-4	-80.8	26.2
GLP-4	34.7	31.4	27.6	23.8	21.4	17	-3	-77.8	26.4
GLP-5	34.6	31.3	27.5	24.2	21.8	17.5	-1.8	-74.3	26.7
GLP-6	34.3	31.1	27.3	24.6	22.3	18.2	-0.4	-70.2	27.1
GLP-7	33.9	30.7	26.9	24.7	22.5	18.4	0	-69	27.1
GLP-8	32.4	29.2	25.6	24.3	22	17.8	-1.2	-72.5	26.5
GLP-9	32.1	28.8	25.3	24	21.6	17.2	-2.4	-76	26.1
GLP-10	31.5	28.2	25	23.7	21.2	16.7	-3.6	-79.4	25.6
R21	44.1	41.2	38.5	36.3	33.6	28.7	7.2	-68.9	38.3
CHC-1	27.5	24.4	23.3	21.8	18.8	13.6	-10.2	-99.3	23.4
CHC-2	24.8	24.3	23.2	21.7	18.8	13.5	-10.5	-100.1	23.3
CHC-3	24.8	24.3	23.2	21.6	18.7	13.4	-10.7	-100.7	23.2
CHC-4	24.7	24.2	23.2	21.6	18.6	13.3	-10.9	-101.4	23.1
CHC-5	25	24.2	23.1	21.5	18.6	13.2	-11	-101.8	23.1
CHC-6	24.7	24.2	23.1	21.5	18.5	13.1	-11.2	-102.4	23
CHC-7	24.9	24.4	23.4	21.8	18.9	13.7	-10	-98.6	23.4
CHC-8	25.2	24.7	23.7	22.2	19.4	14.3	-8.7	-94.8	23.8
CHC-9	30.5	27.2	24	22.5	19.8	14.9	-7.4	-90.9	24.4
CHC-10	26.7	24.1	23	21.4	18.4	13	-11.6	-103.6	22.9
CHC-11	24.3	23.8	22.7	21.1	18	12.4	-12.9	-107.3	22.5
CHC-12	25.7	23.6	22.4	20.8	17.6	11.9	-14	-110.9	22.2
CHC-13	26.1	23.5	22.3	20.6	17.4	11.7	-14.5	-112.4	22
CHC-14	27.4	23.9	22.1	20.4	17.1	11.2	-15.5	-115.5	21.8
CHC-15	28.1	24.7	22	20.2	16.9	10.9	-16.1	-117.4	21.6
GLP-1	29.5	26.1	24.3	22.9	20.2	15.5	-6.2	-87.2	24.7
GLP-2	33.7	30.4	26.4	22.6	19.9	15.1	-7.1	-89.8	25.1

GLP-3	34.3	31.1	27.2	23	20.4	15.7	-5.7	-85.6	25.6
GLP-4	34.2	31	27.1	23.3	20.8	16.2	-4.7	-82.7	25.9
GLP-5	34.1	30.9	27	23.7	21.2	16.7	-3.5	-79.3	26.1
GLP-6	33.8	30.6	26.8	24.1	21.7	17.4	-2.2	-75.3	26.4
GLP-7	33.4	30.2	26.4	24.2	21.9	17.6	-1.6	-73.7	26.5
GLP-8	31.1	27.8	25.2	23.9	21.4	17.1	-2.8	-77.2	25.9
GLP-9	30.7	27.4	24.9	23.5	21	16.5	-4	-80.5	25.5
GLP-10	30.2	26.8	24.6	23.2	20.6	16	-5	-83.7	25.1
R22	43.5	40.9	38.9	37.4	34.8	30.3	10.1	-63.1	39.3
CHC-1	35.4	32.2	28.4	24.1	21.5	17.1	-2.8	-77	26.8
CHC-2	26.4	25.9	25	23.7	21.2	16.7	-3.5	-79.2	25.6
CHC-3	26.1	25.7	24.8	23.5	20.9	16.4	-4.2	-81.2	25.3
CHC-4	26	25.6	24.6	23.2	20.7	16.1	-4.9	-83.4	25.1
CHC-5	25.9	25.4	24.5	23.1	20.5	15.8	-5.6	-85.3	24.9
CHC-6	28.6	25.3	24.3	22.9	20.2	15.4	-6.3	-87.4	24.6
CHC-7	25.9	25.5	24.5	23.1	20.5	15.9	-5.3	-84.6	24.9
CHC-8	26.1	25.7	24.8	23.4	20.9	16.3	-4.3	-81.7	25.3
CHC-9	26.3	25.9	25	23.7	21.2	16.8	-3.4	-78.8	25.6
CHC-10	26	25.1	24.1	22.6	19.9	15.1	-7.1	-89.8	24.4
CHC-11	27.9	24.7	23.7	22.2	19.3	14.3	-8.8	-95	23.8
CHC-12	27.1	24.4	23.3	21.7	18.8	13.6	-10.3	-99.5	23.3
CHC-13	27.1	24.2	23.1	21.5	18.5	13.2	-11.1	-102.1	23.1
CHC-14	28.4	25	22.9	21.3	18.2	12.7	-12.1	-105.1	22.8
CHC-15	29	25.6	22.8	21.2	18.2	12.7	-12.3	-105.6	22.8
GLP-1	29.7	26.4	25.1	23.8	21.3	16.9	-3.2	-78.4	25.7
GLP-2	32	28.7	24.8	23.3	20.7	16.1	-4.9	-83.3	25.3
GLP-3	32	28.7	24.9	23.6	21.1	16.6	-3.7	-79.9	25.6
GLP-4	32	28.7	25.1	23.8	21.4	17	-3	-77.6	25.9
GLP-5	32	28.7	25.4	24.1	21.7	17.4	-2.1	-75	26.2
GLP-6	31.9	28.6	25.7	24.4	22.1	17.9	-1	-71.8	26.5
GLP-7	29.3	26.8	25.9	24.7	22.5	18.4	0	-68.8	26.8
GLP-8	29.1	26.6	25.7	24.5	22.2	18	-0.8	-71.3	26.5
GLP-9	28.7	26.3	25.5	24.2	21.9	17.6	-1.6	-73.7	26.2
GLP-10	28.3	26.2	25.3	24	21.6	17.2	-2.4	-76	25.9
R23	44.5	42.1	40.5	39.3	37.2	33.4	16.4	-43.8	41.5
CHC-1	36.1	33	29.3	27.2	25.4	22.2	7.5	-47.3	30
CHC-2	28.8	28.5	27.8	26.8	24.9	21.6	6.3	-50.7	29.2
CHC-3	28.5	28.2	27.4	26.4	24.5	21	5.2	-54	28.8
CHC-4	28.1	27.8	27.1	26	24	20.3	3.9	-57.7	28.3
CHC-5	27.9	27.5	26.7	25.6	23.5	19.8	2.8	-60.8	27.9
CHC-6	30.6	27.3	26.4	25.2	23.1	19.2	1.6	-64.2	27.4
CHC-7	27.6	27.3	26.5	25.4	23.3	19.4	2.1	-62.9	27.6
CHC-8	27.8	27.5	26.7	25.6	23.5	19.7	2.7	-61.2	27.8
CHC-9	27.9	27.6	26.8	25.7	23.7	20	3.2	-59.7	28
CHC-10	32.1	28.8	26.1	24.9	22.6	18.6	0.5	-67.6	27.1
CHC-11	28.8	26.4	25.5	24.2	21.9	17.7	-1.6	-73.5	26.2
CHC-12	29.6	26.3	25	23.7	21.3	16.8	-3.3	-78.6	25.6
CHC-13	29.9	26.6	24.7	23.4	20.8	16.3	-4.5	-82.1	25.3
CHC-14	30.1	26.8	24.5	23.1	20.5	15.9	-5.3	-84.6	25
CHC-15	31.7	28.4	24.6	23.2	20.6	16	-5	-83.7	25.2
GLP-1	29	27.3	26.5	25.4	23.3	19.4	2.1	-62.9	27.6
GLP-2	30.4	27.1	25.9	24.7	22.4	18.3	-0.2	-69.4	26.8
GLP-3	32	28.8	26.1	24.9	22.7	18.7	0.6	-67.3	27.1
GLP-4	32	28.8	26.2	25	22.9	18.9	1	-66	27.2
GLP-5	32	28.7	26.4	25.2	23	19.2	1.5	-64.6	27.4
GLP-6	31.8	28.5	26.5	25.4	23.3	19.5	2.1	-62.8	27.6
GLP-7	29.3	27.7	26.9	25.8	23.8	20.1	3.4	-59	28.1
GLP-8	29.1	27.6	26.8	25.7	23.6	19.9	3.1	-60	28
GLP-9	28.9	27.5	26.7	25.6	23.5	19.8	2.7	-61.1	27.8
GLP-10	29.7	27.4	26.6	25.5	23.4	19.6	2.4	-62.1	27.7

R24	46.3	43.8	42	40.8	39	35.7	21.4	-26.7	43.4
CHC-1	37.5	34.4	30.9	29.7	28.3	25.7	14.2	-29.1	32.8
CHC-2	38.6	35.5	32	29.1	27.6	24.9	12.7	-33.1	32.4
CHC-3	30.3	30	29.4	28.6	27	24.2	11.3	-37	31.3
CHC-4	29.8	29.5	28.9	28	26.3	23.3	9.7	-41.3	30.6
CHC-5	29.4	29.1	28.5	27.5	25.8	22.6	8.4	-45	30.1
CHC-6	32.2	29	28	27	25.2	21.9	6.9	-49	29.5
CHC-7	29	28.7	28	27.1	25.2	22	7.1	-48.6	29.5
CHC-8	29.1	28.8	28.1	27.2	25.4	22.1	7.4	-47.7	29.7
CHC-9	29.1	28.9	28.2	27.2	25.4	22.2	7.6	-47.2	29.7
CHC-10	32.9	29.7	27.6	26.6	24.6	21.2	5.6	-52.7	29
CHC-11	32.8	29.5	26.9	25.8	23.8	20.1	3.5	-58.9	28.2
CHC-12	32.6	29.4	26.4	25.3	23.1	19.2	1.7	-64.1	27.5
CHC-13	32.5	29.2	26	24.8	22.6	18.6	0.4	-67.8	27
CHC-14	32.4	29.1	25.8	24.6	22.3	18.2	-0.4	-70.1	26.8
CHC-15	31.5	28.2	26	24.8	22.5	18.5	0.2	-68.5	26.9
GLP-1	29.4	28.3	27.6	26.6	24.7	21.3	5.8	-52.2	29
GLP-2	30.8	27.6	26.9	25.8	23.8	20.1	3.3	-59.2	28.1
GLP-3	30.9	27.8	27	25.9	23.9	20.3	3.8	-57.9	28.2
GLP-4	32.6	29.3	27.1	26	24	20.4	4	-57.3	28.4
GLP-5	32.5	29.3	27.2	26.1	24.1	20.5	4.2	-56.7	28.5
GLP-6	32.3	29	27.2	26.2	24.2	20.7	4.5	-55.9	28.6
GLP-7	29.9	28.4	27.7	26.7	24.8	21.4	5.9	-51.9	29.1
GLP-8	29.7	28.4	27.7	26.6	24.8	21.3	5.9	-52	29.1
GLP-9	29.5	28.3	27.6	26.6	24.7	21.3	5.8	-52.2	29
GLP-10	30	28.3	27.6	26.6	24.7	21.3	5.8	-52.4	29
R25	46.3	43.9	42.2	41.1	39.3	36.1	22.5	-21.4	43.7
CHC-1	37.8	34.7	31.3	30.6	29.3	26.9	16.3	-23.4	33.7
CHC-2	38.9	35.8	32.3	29.9	28.5	26	14.7	-27.8	33.2
CHC-3	30.8	30.6	30	29.3	27.8	25.1	13	-32.1	32.1
CHC-4	30.3	30	29.4	28.6	27	24.2	11.3	-36.9	31.3
CHC-5	29.8	29.5	28.9	28	26.4	23.4	9.8	-41	30.7
CHC-6	32.9	29.7	28.4	27.4	25.7	22.5	8.2	-45.6	30
CHC-7	29.2	29	28.3	27.4	25.6	22.4	7.9	-46.2	29.9
CHC-8	29.2	29	28.3	27.4	25.6	22.4	7.9	-46.3	29.9
CHC-9	29.2	28.9	28.2	27.3	25.5	22.3	7.7	-46.9	29.8
CHC-10	33	29.8	27.9	27	25.1	21.8	6.8	-49.5	29.5
CHC-11	31	28	27.3	26.2	24.3	20.7	4.6	-55.5	28.6
CHC-12	32	28.7	26.8	25.6	23.6	19.8	2.9	-60.6	27.9
CHC-13	31.9	28.6	26.4	25.2	23	19.2	1.5	-64.5	27.4
CHC-14	32.4	29.1	26.2	25	22.8	18.9	0.9	-66.3	27.2
CHC-15	33.6	30.3	26.6	25.3	23.1	19.3	1.7	-63.9	27.6
GLP-1	29.2	28.2	27.5	26.5	24.6	21.1	5.4	-53.4	28.9
GLP-2	30.6	27.5	26.8	25.7	23.6	19.9	2.9	-60.4	27.9
GLP-3	30.6	27.6	26.8	25.7	23.6	19.9	3.1	-60.1	28
GLP-4	30.7	27.6	26.8	25.7	23.6	19.9	3	-60.1	28
GLP-5	32.2	29	26.8	25.7	23.6	19.9	3	-60.2	28
GLP-6	32	28.7	26.8	25.7	23.6	19.9	3	-60.2	28
GLP-7	29.5	27.9	27.2	26.1	24.1	20.6	4.4	-56.3	28.5
GLP-8	29.4	28	27.3	26.2	24.2	20.7	4.6	-55.6	28.5
GLP-9	29.3	28.1	27.3	26.3	24.3	20.8	4.8	-55	28.6
GLP-10	29.7	28.1	27.4	26.4	24.4	20.9	5	-54.4	28.7
R26	48.6	46.2	44.8	44.1	42.8	40.5	30.3	-4	47.2
CHC-1	32.7	30.3	29.7	28.9	27.4	24.6	12.1	-34.7	31.7
CHC-2	30.5	30.2	29.7	28.8	27.3	24.5	11.9	-35.1	31.6
CHC-3	30.4	30.2	29.6	28.8	27.3	24.5	11.9	-35.3	31.6
CHC-4	30.4	30.1	29.6	28.7	27.2	24.4	11.7	-35.8	31.5
CHC-5	30.6	30.1	29.5	28.7	27.1	24.3	11.6	-36.1	31.5
CHC-6	30.3	30	29.5	28.6	27	24.2	11.4	-36.7	31.4
CHC-7	30.8	30.5	30	29.2	27.7	25	12.8	-32.8	32
CHC-8	31.2	31	30.5	29.7	28.3	25.8	14.3	-28.8	32.7

CHC-9	31.8	31.6	31.1	30.4	29	26.7	15.8	-24.7	33.4
CHC-10	31.6	29.9	29.3	28.4	26.8	23.9	10.8	-38.1	31.1
CHC-11	29.7	29.4	28.8	27.9	26.2	23.1	9.3	-42.3	30.5
CHC-12	30.8	29	28.3	27.4	25.6	22.4	7.9	-46.3	29.9
CHC-13	30.7	28.8	28.1	27.1	25.3	22	7.2	-48.2	29.6
CHC-14	31.9	28.6	27.7	26.7	24.8	21.5	6.1	-51.4	29.2
CHC-15	32.8	29.6	27.5	26.5	24.6	21.2	5.5	-53	29
GLP-1	35.5	32.4	31.5	30.9	29.6	27.3	17	-21.6	34
GLP-2	37.4	34.3	31	30.2	28.9	26.5	15.5	-25.5	33.4
GLP-3	37.8	34.7	31.6	30.9	29.7	27.4	17.1	-21.3	34.1
GLP-4	38.1	35.1	32	31.4	30.2	28	18.2	-18.5	34.7
GLP-5	38.5	35.4	32.5	31.9	30.8	28.8	19.5	-15.2	35.3
GLP-6	39.1	36	33.2	32.6	31.6	29.7	21.1	-11.2	36.1
GLP-7	36.8	34.1	33.7	33.1	32.1	30.3	22.1	-8.5	36.7
GLP-8	36.4	33.5	33.1	32.5	31.5	29.5	20.8	-11.9	36
GLP-9	35.9	33	32.5	31.9	30.8	28.8	19.5	-15.2	35.3
GLP-10	35.3	32.5	32	31.4	30.2	28.1	18.3	-18.3	34.6
NokiaTheater	83.3	83.3	83.3	83.2	83.1	83	82.2	79.9	89.5
CHC-1	60.7	60.6	60.4	60.2	59.7	58.8	54.9	40.3	64.8
CHC-2	62.5	62.4	62.3	62.1	61.7	61	57.8	45.9	67
CHC-3	64.8	64.8	64.7	64.5	64.2	63.7	61.3	52.2	69.7
CHC-4	68.4	68.4	68.3	68.2	68	67.7	66.1	60.1	73.9
CHC-5	73.4	73.4	73.3	73.3	73.2	73	72.1	68.7	79.4
CHC-6	80.5	80.5	80.5	80.5	80.4	80.4	80	78.5	87
CHC-7	71.2	71.1	71.1	71	70.9	70.6	69.5	65.1	76.9
CHC-8	67	66.9	66.9	66.7	66.5	66.1	64.2	57.1	72.2
CHC-9	64	63.9	63.8	63.6	63.3	62.7	60	50	68.7
CHC-10	75.3	75.3	75.3	75.2	75.1	75	74.3	71.6	81.5
CHC-11	68.3	68.2	68.2	68.1	67.9	67.5	65.9	59.8	73.7
CHC-12	64.6	64.5	64.4	64.3	64	63.4	60.9	51.6	69.5
CHC-13	62.5	62.4	62.3	62.1	61.7	61	57.8	46	67
CHC-14	46.6	43.7	41.4	41.2	40.7	40	36.5	23.4	46
CHC-15	44.8	42.3	42.2	42	41.6	40.9	37.7	25.7	46.9
GLP-1	42	40.4	40.2	39.9	39.4	38.6	34.5	19.5	44.5
GLP-2	40	39.2	39	38.7	38.1	37.1	32.5	15.3	43.1
GLP-3	40.4	38.1	37.9	37.6	36.9	35.8	30.6	11.3	41.8
GLP-4	39.9	37.4	37.1	36.8	36.1	34.8	29.2	8.2	40.9
GLP-5	39.4	36.6	36.3	35.9	35.2	33.8	27.6	4.6	39.9
GLP-6	38.9	35.8	35.4	35	34.2	32.7	25.9	0.5	38.8
GLP-7	56.2	56	55.7	55.3	54.5	53.1	46.5	21.9	59.2
GLP-8	57	56.9	56.7	56.3	55.5	54.2	48.3	26.1	60.3
GLP-9	58	57.9	57.7	57.3	56.7	55.5	50.2	30.3	61.5
GLP-10	41.2	39	38.7	38.4	37.9	36.8	32.1	14.5	42.8
Ritz-Flr1	68.9	68.2	67.7	67.3	66.9	66.3	63.7	54.3	72.4
CHC-1	55.8	53.7	51	48.1	44.7	40.8	33.5	17.2	50.1
CHC-2	56	53.7	50.9	47.9	44.6	40.8	35.8	22	50.1
CHC-3	56.8	54.3	51.5	48.5	45.2	41.5	38.1	26.5	50.9
CHC-4	57.7	55.2	52.3	49.3	46.1	43.1	40.5	30.9	51.9
CHC-5	65.2	65.1	65	64.9	64.6	64.1	61.8	53.1	70.1
CHC-6	49	46	45.1	44.9	44.6	44.1	41.8	33.2	50.2
CHC-7	47	44	42.5	42.3	41.9	41.3	38.2	26.6	47.3
CHC-8	45.5	42.5	40.6	40.4	39.9	39.1	35.3	21	45.1
CHC-9	44	41	39	38.7	38.1	37.1	32.5	15.3	43.1
CHC-10	47.8	44.9	44.8	44.6	44.3	43.8	41.4	32.4	49.8
CHC-11	46.5	44.2	44.1	43.9	43.6	43.1	40.5	30.8	49.1
CHC-12	47.2	44.2	42.8	42.6	42.2	41.6	38.6	27.4	47.6
CHC-13	47.1	44.1	41.2	40.9	40.5	39.7	36.1	22.7	45.7
CHC-14	47.4	44.4	41.3	40.8	40.4	39.6	35.9	22.4	45.6
CHC-15	63.1	63	62.9	62.7	62.3	61.7	58.7	47.6	67.6
GLP-1	38.6	37	36.7	36.4	35.6	34.3	28.5	6.5	40.4
GLP-2	37.4	36.4	36.1	35.7	34.9	33.5	27.2	3.6	39.6

GLP-3	38.6	35.5	35.2	34.7	33.9	32.4	25.4	-0.6	38.5
GLP-4	38.9	35.8	34.6	34.1	33.2	31.5	24.1	-3.7	37.8
GLP-5	39	35.9	33.9	33.4	32.4	30.6	22.6	-7.3	37
GLP-6	39	35.9	33.2	32.6	31.6	29.7	21	-11.3	36.1
GLP-7	39.2	36.1	33.4	32.8	31.8	29.9	21.5	-10.2	36.4
GLP-8	39.6	36.5	34.1	33.6	32.7	30.9	23.1	-6.2	37.3
GLP-9	39.7	36.6	34.9	34.4	33.5	32	24.8	-2.1	38.2
GLP-10	39.5	36.4	35.7	35.3	34.5	33	26.4	1.8	39.2
Ritz-Flr27	73.4	73.3	73.1	72.8	72.3	71.4	67.6	54.5	77.4
CHC-1	58.9	58.8	58.6	58.3	57.7	56.6	51.8	33.9	62.6
CHC-2	60	59.9	59.7	59.5	59	58	53.8	38.1	64
CHC-3	61.1	61	60.9	60.6	60.2	59.4	55.6	41.8	65.3
CHC-4	62.2	62.1	61.9	61.7	61.3	60.6	57.3	45	66.6
CHC-5	62.7	62.6	62.5	62.3	61.9	61.2	58.1	46.6	67.2
CHC-6	62.7	62.6	62.5	62.3	61.9	61.2	58.2	46.6	67.2
CHC-7	61.1	61.1	60.9	60.7	60.2	59.4	55.7	41.8	65.3
CHC-8	59.8	59.7	59.5	59.2	58.7	57.7	53.4	37.2	63.7
CHC-9	58.5	58.4	58.1	57.8	57.2	56.1	51.1	32.3	62.1
CHC-10	62.5	62.5	62.3	62.1	61.7	61	57.9	46.1	67
CHC-11	62.1	62.1	61.9	61.6	61.1	60.1	56.3	43.2	66.2
CHC-12	61.3	61.3	61.1	60.9	60.4	59.6	56	42.4	65.6
CHC-13	60.2	60.1	59.9	59.6	59.1	58.2	54.1	38.6	64.2
CHC-14	60.1	60	59.8	59.6	59	58.1	54	38.4	64.1
CHC-15	61.4	61.3	61.1	60.9	60.5	59.7	56.1	42.6	65.6
GLP-1	46.5	43.7	40.5	37.1	35.1	33.7	27.5	4.2	40.7
GLP-2	43	40	36.7	35.2	34.4	32.9	26.3	1.4	39.2
GLP-3	51.1	48.9	46.1	42.9	39.1	34.6	24.6	-2.5	44.7
GLP-4	54.7	54.6	54.2	53.7	52.8	51.1	43.4	14.5	57.4
GLP-5	54.2	54	53.6	53.1	52.1	50.2	42	11.1	56.6
GLP-6	53.5	53.3	52.9	52.4	51.3	49.3	40.4	7.2	55.8
GLP-7	53.7	53.5	53.1	52.6	51.5	49.6	40.9	8.3	56
GLP-8	54.3	54.2	53.8	53.3	52.3	50.5	42.4	12.2	56.8
GLP-9	55	54.9	54.5	54.1	53.1	51.5	44	16.1	57.7
GLP-10	55.7	55.6	55.3	54.8	54	52.5	45.6	19.8	58.6
Ritz-Flr54	71	70.9	70.6	70.2	69.5	68.2	62.8	43.6	74.3
CHC-1	57	56.9	56.6	56.2	55.5	54.2	48.2	25.9	60.2
CHC-2	57.7	57.6	57.3	57	56.3	55.1	49.6	29	61.1
CHC-3	58.3	58.2	58	57.6	57	55.9	50.7	31.5	61.9
CHC-4	58.8	58.7	58.5	58.2	57.6	56.5	51.7	33.6	62.5
CHC-5	59	58.9	58.7	58.4	57.9	56.8	52.1	34.5	62.8
CHC-6	59	59	58.7	58.4	57.9	56.8	52.1	34.5	62.8
CHC-7	58.3	58.2	58	57.6	57	55.9	50.7	31.6	61.9
CHC-8	57.5	57.4	57.2	56.8	56.1	54.9	49.3	28.4	60.9
CHC-9	56.7	56.6	56.3	55.9	55.2	53.8	47.6	24.6	59.9
CHC-10	59	58.9	58.7	58.4	57.8	56.7	52	34.2	62.7
CHC-11	58.8	58.7	58.5	58.2	57.6	56.5	51.7	33.6	62.5
CHC-12	58.4	58.3	58.1	57.7	57.1	56	50.9	32	62
CHC-13	57.8	57.7	57.4	57.1	56.4	55.2	49.8	29.4	61.2
CHC-14	57.7	57.6	57.4	57	56.3	55.1	49.7	29.2	61.2
CHC-15	58.4	58.3	58.1	57.8	57.1	56	51	32	62
GLP-1	55.4	55.3	54.9	54.5	53.6	52	44.8	18.1	58.2
GLP-2	54.6	54.1	53.1	51.6	49.1	45.4	35.4	4.6	53.7
GLP-3	54.3	54.2	53.8	53.3	52.3	50.5	42.5	12.3	56.9
GLP-4	53.9	53.7	53.4	52.8	51.8	49.9	41.4	9.6	56.3
GLP-5	53.4	53.2	52.8	52.2	51.1	49.2	40.2	6.5	55.6
GLP-6	52.9	52.7	52.2	51.6	50.5	48.3	38.8	3	54.9
GLP-7	53	52.8	52.4	51.8	50.6	48.6	39.2	4	55.1
GLP-8	53.6	53.4	53	52.4	51.3	49.4	40.6	7.5	55.8
GLP-9	54.1	54	53.6	53.1	52	50.2	41.9	11	56.6
GLP-10	54.7	54.6	54.2	53.7	52.7	51	43.3	14.3	57.3

R6	48.7	46.4	44.9	44	42.7	40.3	30.1	-2.6	47.1
CHC-1	41	37.9	34.6	33.9	32.9	31.3	23.6	-4.9	37.6
CHC-2	41.6	38.6	35.3	33.1	32.1	30.2	22	-9	36.9
CHC-3	33.5	33.3	32.9	32.3	31.2	29.3	20.4	-13	35.7
CHC-4	32.8	32.6	32.2	31.5	30.4	28.2	18.6	-17.5	34.8
CHC-5	32.2	32	31.6	30.9	29.7	27.4	17.1	-21.3	34.1
CHC-6	34.9	31.7	31	30.2	28.9	26.5	15.5	-25.5	33.3
CHC-7	31.7	31.5	31	30.3	29	26.6	15.7	-25.1	33.3
CHC-8	31.8	31.6	31.1	30.4	29.1	26.7	15.9	-24.4	33.5
CHC-9	31.9	31.6	31.2	30.5	29.1	26.8	16	-24.2	33.5
CHC-10	34.7	31.5	30.4	29.7	28.2	25.7	14.1	-29.4	32.6
CHC-11	34.3	31.1	29.6	28.8	27.2	24.4	11.7	-35.7	31.6
CHC-12	33.9	30.7	28.9	28	26.4	23.4	9.8	-41.1	30.7
CHC-13	33.7	30.5	28.5	27.5	25.8	22.7	8.4	-44.9	30.1
CHC-14	33.5	30.3	28.2	27.2	25.4	22.2	7.6	-47.2	29.8
CHC-15	33.2	30	28.4	27.5	25.7	22.5	8.2	-45.5	30
GLP-1	31.6	30.9	30.3	29.6	28.1	25.6	13.9	-29.9	32.5
GLP-2	32.7	30	29.4	28.6	27	24.1	11.2	-37.2	31.3
GLP-3	32.8	30.1	29.5	28.7	27.1	24.3	11.5	-36.3	31.4
GLP-4	32.9	30.1	29.5	28.7	27.2	24.4	11.6	-36	31.5
GLP-5	34.6	31.4	29.6	28.7	27.2	24.4	11.7	-35.8	31.6
GLP-6	34.2	31	29.6	28.8	27.2	24.5	11.8	-35.4	31.6
GLP-7	32.1	30.7	30.1	29.4	27.9	25.3	13.3	-31.4	32.2
GLP-8	32	30.7	30.2	29.4	28	25.4	13.5	-31	32.3
GLP-9	31.8	30.8	30.2	29.5	28	25.4	13.6	-30.7	32.4
GLP-10	32.1	30.8	30.3	29.5	28.1	25.5	13.7	-30.5	32.4
R7	62.2	59.6	56.8	53.9	50.8	48.1	43.9	32	56.5
CHC-1	56.9	54.3	51.4	48.4	45.1	42.9	40.3	30.6	51.2
CHC-2	55.3	52.7	49.8	46.7	43.4	40.7	37.4	25.1	49.3
CHC-3	53.8	51.2	48.3	45.1	41.7	38.6	34.6	19.6	47.5
CHC-4	52.3	49.8	46.8	43.6	40.1	36.6	31.7	13.7	45.9
CHC-5	51.2	48.6	45.7	42.5	38.8	35	29.4	8.7	44.6
CHC-6	50.1	47.5	44.5	41.3	37.6	33.4	27.1	3.3	43.3
CHC-7	37.3	35.8	35.5	35	34.2	32.7	26	0.8	38.9
CHC-8	35.5	35.4	35.1	34.6	33.7	32.2	25.1	-1.3	38.4
CHC-9	35	34.9	34.5	34	33.1	31.5	24	-4.1	37.7
CHC-10	49.3	46.8	43.7	40.4	36.6	32.3	25.2	-1	42.3
CHC-11	40.8	37.8	34.5	33.4	32.5	30.7	22.8	-7	37.1
CHC-12	37.7	34.6	33.1	32.5	31.4	29.5	20.8	-12	36
CHC-13	39.3	36.2	32.8	31.8	30.6	28.5	19.1	-16.2	35.2
CHC-14	39.7	36.7	33.3	31.5	30.3	28.2	18.6	-17.6	35
CHC-15	39.1	36	32.7	32.1	31	29	19.8	-14.3	35.5
GLP-1	34.2	33.2	32.8	32.3	31.2	29.2	20.2	-13.4	35.6
GLP-2	34.8	32.2	31.8	31.1	29.9	27.7	17.6	-20	34.3
GLP-3	34.7	32	31.5	30.9	29.6	27.3	17	-21.5	34
GLP-4	34.5	31.8	31.3	30.6	29.4	27	16.5	-23	33.7
GLP-5	34.4	31.6	31.1	30.4	29	26.7	15.8	-24.7	33.4
GLP-6	34.1	31.3	30.8	30.1	28.7	26.2	15.1	-26.7	33.1
GLP-7	33.9	31.7	31.2	30.6	29.3	26.9	16.3	-23.6	33.6
GLP-8	34	32.1	31.6	31	29.7	27.5	17.2	-21	34.1
GLP-9	34	32.4	32	31.4	30.2	28	18.2	-18.6	34.6
GLP-10	34.1	32.8	32.4	31.8	30.6	28.5	19.1	-16.3	35
R6c	61.7	61.3	60.8	60.1	59	57	48.4	18.4	63.5
CHC-1	51.1	48.8	45.9	42.7	39	34.6	26.1	1.1	44.6
CHC-2	55.1	55	54.6	54.2	53.3	51.6	44.2	16.6	57.9
CHC-3	54.3	54.1	53.7	53.2	52.2	50.4	42.3	11.8	56.8
CHC-4	53.4	53.3	52.8	52.3	51.2	49.2	40.2	6.7	55.6
CHC-5	52.7	52.6	52.1	51.5	50.3	48.2	38.5	2.2	54.7
CHC-6	52	51.8	51.4	50.7	49.4	47.1	36.6	-2.8	53.8
CHC-7	33.6	31.6	31.1	30.4	29	26.7	15.8	-24.7	33.4
CHC-8	31.6	31.4	30.9	30.1	28.8	26.3	15.3	-26.2	33.2

CHC-9	31.3	31.1	30.6	29.8	28.4	25.9	14.5	-28.3	32.8
CHC-10	51.5	51.3	50.8	50.1	48.7	46.2	35	-6.8	53.1
CHC-11	37.6	34.5	31	29.2	27.7	25.1	12.9	-32.4	32.3
CHC-12	34.3	31.2	29.4	28.6	27	24.1	11.2	-37.1	31.3
CHC-13	36.2	33.1	29.5	28	26.3	23.3	9.7	-41.2	30.8
CHC-14	36.8	33.6	30.1	27.8	26.2	23.1	9.3	-42.5	30.8
CHC-15	36	32.8	29.3	28.3	26.7	23.7	10.5	-39.2	31.1
GLP-1	31.1	30	29.5	28.6	27.1	24.2	11.4	-36.6	31.4
GLP-2	32.2	29.3	28.6	27.7	26	22.9	9	-43.3	30.3
GLP-3	32.1	29.2	28.5	27.6	25.9	22.8	8.6	-44.2	30.2
GLP-4	32	29.1	28.4	27.5	25.7	22.6	8.3	-45.2	30.1
GLP-5	32.1	28.9	28.3	27.3	25.6	22.4	7.9	-46.4	29.9
GLP-6	32.1	28.8	28.1	27.2	25.4	22.1	7.4	-47.7	29.7
GLP-7	31.1	29.2	28.5	27.6	25.9	22.8	8.7	-44.2	30.2
GLP-8	31.1	29.4	28.8	27.9	26.2	23.1	9.3	-42.3	30.5
GLP-9	31.4	29.6	29	28.1	26.4	23.5	10	-40.5	30.8
GLP-10	31.2	29.8	29.2	28.3	26.7	23.8	10.6	-38.8	31

Outdoor Noise Prediction Model, Version 2.0 (Sean K. Bui), January 1, 2006

Client: Matrix Environmental
 Description: LA Convention Modernization & Farmers Field
 AES Job No: 2011113
 Consultant: skb
 Date: 9/13/2011
 Source: **Event Center Crowd**

Description	63	125	250	500	1000	2000	4000	8000 dBA	
R1	74.6	74.1	71.7	73.4	77.9	72	63.2	39	79.9
Crowd-Upper1	57.6	54.6	51.7	53.5	58.1	52.3	43.8	20.5	60.1
Crowd-Upper2	58.1	55.1	52.7	54.5	59.1	53.4	45.2	23.4	61.2
Crowd-Upper3	73.4	73.3	71.1	72.9	77.4	71.6	62.8	38.7	79.5
Crowd-Upper4	56.1	53.1	48.7	50.4	54.8	48.7	38.7	10.1	56.8
Crowd-Upper5	62.9	60.4	55.4	54.1	55.5	46.1	34.6	1	57.9
Crowd-Upper6	59.5	56.8	51.6	50.2	51.3	44.1	31.8	-5.7	54.1
Crowd-Upper7	51.3	48.3	44.9	46.4	50.5	43.9	31.3	-6.8	52.4
Crowd-Upper8	52.1	49	45.2	46.8	50.9	44.3	32	-5.2	52.8
Crowd-Upper9	53.9	50.9	46.7	48.3	52.5	46.1	34.9	1.7	54.4
Crowd-Upper10	55.5	52.5	48	49.7	54	47.8	37.5	7.4	56
Crowd-Lower1	52.8	52.7	50.6	52.3	56.8	50.9	41.9	16.8	58.8
Crowd-Lower2	53.5	53.4	51.3	53	57.6	51.8	43	19.1	59.6
Crowd-Lower3	55.5	52.8	50.6	52.3	56.8	50.9	41.9	16.9	58.9
Crowd-Lower4	55.1	52.1	48.7	50.4	54.8	48.7	38.7	10.1	56.8
Crowd-Lower5	54.4	51.4	46.8	48.4	52.7	46.3	35.2	2.3	54.6
Crowd-Lower6	54	50.9	45.9	47.5	51.7	45.2	33.5	-1.7	53.6
Crowd-Lower7	49	48	45.7	47.3	51.4	44.9	33	-2.9	53.3
Crowd-Lower8	49.2	48.3	46	47.6	51.8	45.3	33.7	-1.2	53.7
Crowd-Lower9	50	49.7	47.4	49.1	53.4	47.1	36.4	5.1	55.3
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R2	66.2	63.6	59.6	60.3	64.2	57.7	46.2	14.1	66.2
Crowd-Upper1	52.8	49.8	44.4	44.7	48.7	41.7	27.8	-15.6	50.6
Crowd-Upper2	53.5	50.5	45.1	45.3	49.3	42.4	28.9	-12.7	51.2
Crowd-Upper3	53.4	50.3	45.8	47.4	51.6	45.1	33.3	-2.2	53.5
Crowd-Upper4	52.9	49.9	47.4	49	53.3	47	36.2	4.7	55.2
Crowd-Upper5	53.9	50.9	48.6	50.3	54.7	48.6	38.6	9.9	56.7
Crowd-Upper6	60.4	57.6	52.4	51.1	53.1	46.8	36	4.1	55.8
Crowd-Upper7	55	51.9	46.7	47.8	52	45.6	34	-0.4	54
Crowd-Upper8	56.1	53.2	47.9	46.4	49.5	42.7	29.5	-11.4	51.8
Crowd-Upper9	55.2	52.2	46.9	45.3	48.6	41.6	27.6	-16	50.8
Crowd-Upper10	51.9	48.8	43.4	44.2	48.1	41	26.6	-18.6	50
Crowd-Lower1	47.8	46.2	43.8	45.3	49.2	42.4	28.9	-12.7	51.1
Crowd-Lower2	47.7	46.8	44.4	45.9	49.9	43.2	30.2	-9.5	51.8
Crowd-Lower3	47.9	47.7	45.4	46.9	51.1	44.5	32.4	-4.3	52.9
Crowd-Lower4	48.9	48.7	46.5	48	52.3	45.9	34.5	0.7	54.2
Crowd-Lower5	49.7	49.6	47.4	49	53.3	47	36.3	4.8	55.2
Crowd-Lower6	50.5	49.1	46.9	48.5	52.7	46.4	35.3	2.6	54.7
Crowd-Lower7	50.7	48.3	46	47.5	51.7	45.2	33.5	-1.7	53.6
Crowd-Lower8	50.5	47.4	44.9	46.4	50.5	43.8	31.3	-6.9	52.4
Crowd-Lower9	48.1	46.5	44.1	45.6	49.6	42.8	29.6	-11.1	51.4
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R3	63.3	60.6	56.2	56.8	60.5	53.4	39.1	1.6	62.4
Crowd-Upper1	51.7	48.7	43.2	41.8	45.4	37.7	20.8	-33.8	47.4
Crowd-Upper2	52.1	49.1	43.6	42.2	45.8	38.2	21.7	-31.5	47.8
Crowd-Upper3	51.4	48.3	42.9	43.6	47.4	40.2	25.2	-22.1	49.3
Crowd-Upper4	50.2	47.1	43.4	44.8	48.7	41.8	27.9	-15.2	50.6
Crowd-Upper5	50.8	47.7	44.5	46	50	43.3	30.5	-8.9	51.9
Crowd-Upper6	52.5	49.4	44.1	45.6	49.6	42.8	29.6	-11	51.5
Crowd-Upper7	52.1	49.1	43.7	45	48.9	42	28.2	-14.4	50.8
Crowd-Upper8	52.7	49.6	44.2	43.2	46.9	39.6	24.1	-25.1	48.9
Crowd-Upper9	51.9	48.8	43.4	42.2	45.8	38.3	21.8	-31.1	47.8

Crowd-Upper10	54.9	52	46.6	44.9	45.5	37.5	20.4	-34.8	48.4
Crowd-Lower1	46	43.6	41	42.3	45.9	38.4	22	-30.6	47.7
Crowd-Lower2	45.7	43.9	41.4	42.7	46.3	38.9	22.9	-28.1	48.1
Crowd-Lower3	45.2	44.5	42.1	43.4	47.2	39.9	24.7	-23.4	49
Crowd-Lower4	45.5	45.3	42.9	44.3	48.2	41.1	26.8	-18.1	50
Crowd-Lower5	47.5	46.2	43.8	45.2	49.2	42.3	28.8	-12.9	51
Crowd-Lower6	49	46.1	43.7	45.1	49.1	42.2	28.6	-13.5	50.9
Crowd-Lower7	45.7	45.6	43.2	44.6	48.4	41.4	27.3	-16.7	50.3
Crowd-Lower8	45.7	44.8	42.3	43.7	47.5	40.3	25.3	-21.8	49.3
Crowd-Lower9	50.2	47.1	41.7	42.8	46.5	39.1	23.3	-27.2	48.4
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R4	63.6	60.9	56.4	56.8	60.3	53	38.3	1.1	62.2
Crowd-Upper1	51.4	48.3	42.8	41.6	45.2	37.5	20.4	-35.1	47.2
Crowd-Upper2	57.5	55	49.8	48.2	48.7	38	19.7	-36.8	51.4
Crowd-Upper3	51	47.9	42.4	41.4	44.9	37.2	19.8	-36.7	46.9
Crowd-Upper4	51.8	48.7	43.3	42.2	45.7	38.2	21.6	-31.6	47.7
Crowd-Upper5	52.4	49.4	43.9	43.2	47	39.7	24.3	-24.6	48.9
Crowd-Upper6	51.5	48.4	43.5	45	48.9	42	28.2	-14.5	50.8
Crowd-Upper7	51.7	48.6	44	45.5	49.5	42.6	29.3	-11.7	51.3
Crowd-Upper8	50	46.9	44	45.4	49.4	42.5	29.2	-12	51.2
Crowd-Upper9	50.7	47.6	42.7	44.1	47.9	40.8	26.2	-19.6	49.8
Crowd-Upper10	51.4	48.3	42.9	43.1	46.8	39.4	23.9	-25.7	48.7
Crowd-Lower1	45.6	43.4	40.9	42.2	45.8	38.2	21.7	-31.4	47.6
Crowd-Lower2	49.7	46.5	41	41.9	45.4	37.8	21	-33.3	47.3
Crowd-Lower3	49.6	46.5	41	42	45.5	38	21.2	-32.7	47.4
Crowd-Lower4	45.7	43.9	41.4	42.6	46.3	38.9	22.9	-28.3	48.1
Crowd-Lower5	44.9	44.7	42.3	43.6	47.4	40.2	25.2	-22.3	49.2
Crowd-Lower6	45.6	45.5	43.1	44.5	48.3	41.3	27.1	-17.3	50.2
Crowd-Lower7	46	45.9	43.5	44.9	48.8	41.9	28.1	-14.8	50.7
Crowd-Lower8	48.6	45.8	43.4	44.8	48.7	41.7	27.8	-15.5	50.5
Crowd-Lower9	45	44.8	42.4	43.8	47.5	40.4	25.5	-21.4	49.4
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R5	68.1	66.4	62.5	62.2	64.3	55.6	39.9	1.3	66.4
Crowd-Upper1	52.1	49.1	43.6	42.3	45.9	38.4	22.1	-30.4	48
Crowd-Upper2	51.8	48.7	43.2	41.9	45.4	37.8	20.9	-33.5	47.4
Crowd-Upper3	51.1	48	42.5	41.3	44.8	37	19.5	-37.3	46.8
Crowd-Upper4	59.9	57.8	53	51.6	52.3	41.8	21.8	-34.5	54.8
Crowd-Upper5	59.7	57.4	52.5	51	51.8	41.4	22.3	-29.8	54.3
Crowd-Upper6	52.4	49.4	44	44.1	47.9	40.8	26.2	-19.5	49.8
Crowd-Upper7	65	64	60.4	60	61.7	52.2	35.6	-10.6	63.8
Crowd-Upper8	49.5	46.7	44.4	45.8	49.9	43.1	30.1	-9.8	51.7
Crowd-Upper9	49.3	46.2	43.6	45	48.9	42	28.3	-14.2	50.8
Crowd-Upper10	49.8	46.7	42.8	44.1	48	40.9	26.4	-19.1	49.8
Crowd-Lower1	45	44	41.5	42.7	46.4	39	23.1	-27.7	48.2
Crowd-Lower2	45.4	43.5	41	42.3	45.8	38.3	21.9	-30.9	47.6
Crowd-Lower3	45.6	43.3	40.8	42	45.6	38	21.4	-32.3	47.4
Crowd-Lower4	45.7	43.7	41.2	42.4	46	38.6	22.3	-29.8	47.8
Crowd-Lower5	49.8	46.7	41.7	43	46.7	39.4	23.8	-25.9	48.6
Crowd-Lower6	49.2	46.1	42.5	43.8	47.6	40.5	25.7	-20.9	49.5
Crowd-Lower7	48.7	45.6	43.1	44.5	48.4	41.4	27.3	-16.9	50.2
Crowd-Lower8	46	45.8	43.4	44.9	48.8	41.9	28	-15	50.6
Crowd-Lower9	45.5	45.3	42.9	44.3	48.1	41.1	26.7	-18.3	50
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R6b	68.1	65.8	61.9	62.5	66.2	59.7	49.3	21.2	68.2
Crowd-Upper1	54.3	51.3	46	47.4	51.6	45.1	33.2	-2.2	53.5
Crowd-Upper2	53.4	50.4	45.1	46.6	50.7	44.1	31.7	-6	52.6
Crowd-Upper3	51.9	48.9	44	45.5	49.5	42.6	29.3	-11.7	51.3
Crowd-Upper4	52	49	44.2	45.7	49.7	42.9	29.9	-10.4	51.6
Crowd-Upper5	52.6	49.6	44.8	46.3	50.3	43.6	31	-7.7	52.2
Crowd-Upper6	61.6	59	53.9	52.6	53.9	46.2	35	1.8	56.5

Crowd-Upper7	63.6	61	56	54.8	56.2	47.6	37.1	6.7	58.7
Crowd-Upper8	54.8	52.8	50.6	52.4	56.9	51	42	17	58.9
Crowd-Upper9	54.4	52.3	50.1	51.8	56.3	50.3	41.1	15.1	58.3
Crowd-Upper10	54.2	51.2	48.8	50.5	54.9	48.8	38.9	10.5	56.8
Crowd-Lower1	48.8	48.7	46.4	48	52.2	45.8	34.3	0.3	54.1
Crowd-Lower2	48.5	47.9	45.5	47.1	51.2	44.7	32.6	-3.7	53.1
Crowd-Lower3	48.4	47.4	45	46.6	50.7	44	31.6	-6.1	52.5
Crowd-Lower4	48.6	47.6	45.3	46.8	51	44.4	32.1	-4.8	52.8
Crowd-Lower5	48.7	48.1	45.8	47.3	51.5	45	33.1	-2.6	53.4
Crowd-Lower6	49.2	49	46.8	48.4	52.6	46.2	35.1	2.1	54.5
Crowd-Lower7	50.2	50.1	47.9	49.5	53.8	47.7	37.2	6.8	55.8
Crowd-Lower8	51.2	51.1	48.9	50.6	55	48.9	39.1	10.9	57
Crowd-Lower9	50.9	50.8	48.6	50.2	54.6	48.5	38.5	9.7	56.6
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R7b	73.8	72.9	70	70.8	74	66.5	55.4	28	75.9
Crowd-Upper1	72.3	71.9	69.2	70	73.1	65.3	53.8	25.7	75
Crowd-Upper2	56.4	53.4	49	50.7	55.1	49	39.2	11.2	57.1
Crowd-Upper3	63.1	60.7	55.8	54.5	55.8	46.4	34	-0.4	58.2
Crowd-Upper4	60.9	58.2	53.2	51.8	53	44.4	32.2	-4.7	55.5
Crowd-Upper5	51.8	48.7	44.6	46.1	50.2	43.5	30.7	-8.4	52.1
Crowd-Upper6	52.8	49.7	45.1	46.6	50.7	44.1	31.7	-5.9	52.6
Crowd-Upper7	53.6	50.6	45.6	47.2	51.3	44.8	32.8	-3.2	53.2
Crowd-Upper8	55.6	52.6	47.9	49.5	53.9	47.7	37.2	6.9	55.9
Crowd-Upper9	55.7	52.7	50.3	52	56.5	50.6	41.5	15.9	58.6
Crowd-Upper10	56.3	54.2	52	53.8	58.4	52.7	44.2	21.5	60.5
Crowd-Lower1	54.8	52.1	49.9	51.6	56	50.1	40.7	14.4	58
Crowd-Lower2	54.7	51.7	48.6	50.3	54.7	48.6	38.6	9.8	56.7
Crowd-Lower3	54.5	51.4	47.3	48.9	53.2	46.9	36.1	4.3	55.1
Crowd-Lower4	54.2	51.2	46.4	48	52.2	45.8	34.4	0.4	54.1
Crowd-Lower5	49	47.9	45.6	47.1	51.3	44.7	32.7	-3.5	53.1
Crowd-Lower6	49.1	48	45.7	47.3	51.4	44.9	33	-2.8	53.3
Crowd-Lower7	49.3	48.6	46.3	47.9	52.1	45.7	34.3	0.2	54
Crowd-Lower8	49.9	49.8	47.5	49.2	53.5	47.2	36.6	5.5	55.4
Crowd-Lower9	51.6	51.5	49.3	51	55.4	49.4	39.7	12.3	57.4
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R8	68.2	67.5	64.7	65.8	69.3	61.7	46.3	2.5	71.1
Crowd-Upper1	65	64.8	62.4	63.7	67.5	60.4	45.5	-1.4	69.3
Crowd-Upper2	52.4	49.3	43.9	43.1	46.8	39.5	23.9	-25.6	48.8
Crowd-Upper3	63	62.6	59.8	60.5	63.2	54.2	35.1	-23.1	65
Crowd-Upper4	51.7	48.7	43.2	41.4	44.5	36.6	18.7	-39.4	46.6
Crowd-Upper5	51.5	48.5	42.9	41.1	44.1	36.1	17.8	-41.9	46.2
Crowd-Upper6	52	49	43.5	41.7	44.7	37	19.4	-37.7	46.9
Crowd-Upper7	52.2	49.2	43.7	41.9	45.3	37.6	20.6	-34.3	47.4
Crowd-Upper8	48.9	45.8	42	43.3	47.1	39.8	24.5	-23.9	48.9
Crowd-Upper9	48.6	45.5	42.9	44.3	48.2	41.1	26.8	-18	50
Crowd-Upper10	48.6	45.8	43.4	44.8	48.7	41.8	27.9	-15.3	50.6
Crowd-Lower1	48.2	45.1	42.2	43.5	47.3	40.1	25	-22.8	49.1
Crowd-Lower2	48.8	45.7	41.6	42.9	46.6	39.2	23.5	-26.8	48.4
Crowd-Lower3	49.6	46.4	40.9	42.2	45.7	38.2	21.6	-31.6	47.6
Crowd-Lower4	45.4	43	40.5	41.7	45.2	37.6	20.5	-34.6	47
Crowd-Lower5	45.3	42.7	40.2	41.3	44.8	37.1	19.6	-37.2	46.6
Crowd-Lower6	45	42.9	40.4	41.6	45.1	37.4	20.2	-35.5	46.9
Crowd-Lower7	44.4	43.4	40.8	42.1	45.7	38.1	21.5	-32	47.4
Crowd-Lower8	44.2	44	41.5	42.8	46.5	39.1	23.3	-27.1	48.3
Crowd-Lower9	44.9	44.7	42.2	43.6	47.3	40.1	25.1	-22.5	49.2
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R9	65.5	63.8	60.1	60.2	62.7	54.2	37.8	0.6	64.6
Crowd-Upper1	52	48.9	43.5	44.9	48.8	41.8	28	-15.1	50.7
Crowd-Upper2	51.7	48.6	43.2	44.3	48.1	41.1	26.7	-18.3	50
Crowd-Upper3	52.9	49.9	44.5	42.8	46.2	38.8	22.6	-28.9	48.3

Crowd-Upper4	52.7	49.6	44.2	42.4	45.3	37.6	20.6	-34.4	47.5
Crowd-Upper5	62.2	61.6	58.2	58.2	59.9	49.9	29.6	-31.2	61.9
Crowd-Upper6	52.3	49.3	43.8	42	44.6	36.9	19.2	-38.2	46.9
Crowd-Upper7	52.6	49.6	44.1	42.3	45	37.3	20	-36	47.3
Crowd-Upper8	51.2	48.1	42.6	42.9	46.6	39.2	23.4	-26.9	48.5
Crowd-Upper9	49.9	46.8	42.8	44.2	48	40.9	26.4	-19	49.8
Crowd-Upper10	49.5	46.4	43.6	45	49	42.1	28.4	-14	50.8
Crowd-Lower1	48.6	45.5	43	44.4	48.2	41.2	26.9	-17.9	50
Crowd-Lower2	45.1	44.9	42.5	43.8	47.6	40.5	25.7	-20.9	49.4
Crowd-Lower3	45.3	44.2	41.7	43	46.7	39.4	23.8	-26	48.5
Crowd-Lower4	50.5	47.4	42	42.3	45.9	38.4	22	-30.6	47.8
Crowd-Lower5	50.8	47.7	42.2	41.6	45.1	37.5	20.3	-35.2	47.1
Crowd-Lower6	46	43	40.4	41.6	45.1	37.5	20.3	-35.2	46.9
Crowd-Lower7	45.6	43.3	40.7	42	45.5	37.9	21.2	-32.8	47.3
Crowd-Lower8	44.9	43.9	41.4	42.7	46.3	38.9	22.9	-28.1	48.1
Crowd-Lower9	45	44.8	42.3	43.7	47.5	40.3	25.3	-21.9	49.3
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R10	63.3	60.5	55.9	56	59.4	52	36.7	0.4	61.4
Crowd-Upper1	51.4	48.4	43	43.9	47.7	40.6	25.9	-20.4	49.6
Crowd-Upper2	51.7	48.6	43.3	44.5	48.4	41.4	27.2	-17.1	50.3
Crowd-Upper3	49.4	46.3	43.4	44.9	48.8	41.8	28	-15	50.6
Crowd-Upper4	49.6	46.4	42.5	43.9	47.7	40.6	25.8	-20.5	49.5
Crowd-Upper5	51.1	48	42.6	42.7	46.3	38.9	22.9	-28.3	48.2
Crowd-Upper6	52.3	49.3	43.8	42	44.8	37	19.5	-37.4	47
Crowd-Upper7	52.1	49	43.5	41.7	44.4	36.5	18.6	-39.8	46.6
Crowd-Upper8	55.6	52.8	47.5	45.8	46.2	36.3	18.1	-41.3	49
Crowd-Upper9	52.3	49.3	43.8	42.1	45	37.2	19.9	-36.3	47.2
Crowd-Upper10	52.6	49.6	44.2	42.5	45.7	38.1	21.5	-31.8	47.8
Crowd-Lower1	44.8	44.6	42.2	43.5	47.3	40	24.9	-22.9	49.1
Crowd-Lower2	48.3	45.1	42.7	44	47.9	40.7	26.1	-19.8	49.7
Crowd-Lower3	48.3	45.2	42.7	44.1	47.9	40.9	26.3	-19.3	49.8
Crowd-Lower4	44.7	44.5	42.1	43.4	47.2	39.9	24.7	-23.5	49
Crowd-Lower5	44.6	43.7	41.2	42.5	46.1	38.6	22.4	-29.6	47.9
Crowd-Lower6	45.3	43.1	40.5	41.7	45.3	37.6	20.6	-34.4	47.1
Crowd-Lower7	45.7	42.8	40.2	41.4	44.9	37.1	19.7	-36.8	46.7
Crowd-Lower8	50.4	47.3	41.8	41.4	44.9	37.1	19.7	-36.9	46.8
Crowd-Lower9	50.2	47.1	41.6	42	45.6	38	21.3	-32.5	47.5
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R11	62.6	60.7	56.6	56.2	57.9	48.4	27.2	0	60
Crowd-Upper1	48.6	45.4	39.8	39.9	43.1	35	15.6	-48.2	45
Crowd-Upper2	48.7	45.6	40	40.3	43.6	35.6	16.7	-44.9	45.5
Crowd-Upper3	45.8	42.6	39.5	40.7	44	36.1	17.7	-42.2	45.8
Crowd-Upper4	46	42.8	39	40.1	43.3	35.2	16.1	-46.8	45.1
Crowd-Upper5	48	44.8	39.1	39.2	42.3	33.9	13.6	-53.9	44.2
Crowd-Upper6	50.8	47.7	42.1	40	41	32.3	10.3	-63.1	43.7
Crowd-Upper7	50.9	47.8	42.2	40.1	40.7	31.8	9.4	-65.8	43.5
Crowd-Upper8	59.2	58.3	54.6	54	54.9	43.7	18.2	-61.2	57.2
Crowd-Upper9	51	47.9	42.3	40.3	41	32.2	10.2	-63.4	43.8
Crowd-Upper10	50.8	47.7	42.1	40.1	41.6	33	11.7	-59.2	44.1
Crowd-Lower1	41.5	41.2	38.5	39.6	42.8	34.5	14.7	-50.5	44.5
Crowd-Lower2	45	41.7	38.9	40	43.2	35.1	15.9	-47.4	45
Crowd-Lower3	41.9	41.6	39	40.1	43.4	35.3	16.2	-46.6	45.1
Crowd-Lower4	41.5	41.3	38.6	39.6	42.8	34.6	14.9	-50.2	44.6
Crowd-Lower5	41.4	40.7	38	39	42	33.6	12.9	-55.7	43.8
Crowd-Lower6	42.5	40.2	37.5	38.4	41.4	32.8	11.3	-60.4	43.1
Crowd-Lower7	43.1	40	37.2	38.1	41	32.3	10.3	-63.1	42.8
Crowd-Lower8	43.5	40.2	37.2	38	41	32.2	10.2	-63.5	42.7
Crowd-Lower9	47.5	44.4	38.7	38.5	41.5	32.9	11.6	-59.5	43.4
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R12	61.4	58.6	54	53.7	56.7	48.7	30.6	0	58.6

Crowd-Upper1	50.4	47.3	41.8	41	44.4	36.6	18.6	-39.8	46.4
Crowd-Upper2	53.9	50.9	45.5	43.8	45	37.3	20	-35.9	47.7
Crowd-Upper3	46.8	43.6	41	42.3	45.9	38.4	21.9	-30.8	47.7
Crowd-Upper4	46.7	43.6	40.6	41.8	45.3	37.7	20.7	-34.1	47.1
Crowd-Upper5	48	44.9	39.8	40.9	44.3	36.4	18.4	-40.3	46.1
Crowd-Upper6	50.7	47.6	42	40.1	42.8	34.6	14.8	-50.3	45
Crowd-Upper7	50.4	47.3	41.7	39.8	42.3	34	13.7	-53.5	44.6
Crowd-Upper8	50.5	47.4	41.8	39.8	41.8	33.3	12.3	-57.3	44.2
Crowd-Upper9	51.3	48.2	42.7	40.7	42.3	33.9	13.5	-54.1	44.8
Crowd-Upper10	52	49	43.5	41.6	42.7	34.5	14.7	-50.7	45.4
Crowd-Lower1	47	43.8	39.6	40.8	44.2	36.2	18	-41.4	45.9
Crowd-Lower2	46.3	43.1	40.1	41.3	44.7	37	19.4	-37.7	46.5
Crowd-Lower3	43.1	42.9	40.4	41.6	45.1	37.4	20.1	-35.7	46.8
Crowd-Lower4	42.8	42.6	40	41.2	44.6	36.8	19.2	-38.3	46.4
Crowd-Lower5	42.3	42	39.4	40.6	43.9	35.9	17.4	-43	45.7
Crowd-Lower6	42.9	41.5	38.8	39.9	43.2	35	15.7	-47.9	44.9
Crowd-Lower7	43.7	41.1	38.5	39.5	42.7	34.4	14.5	-51.2	44.4
Crowd-Lower8	44.1	41	38.3	39.3	42.5	34.2	14.1	-52.5	44.3
Crowd-Lower9	44.1	41.3	38.7	39.7	42.9	34.7	15.1	-49.6	44.7
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R13	69.3	68.7	66.1	67.4	71.2	64.1	49.6	5.7	73
Crowd-Upper1	65	64.8	62.3	63.7	67.5	60.3	45.4	-1.8	69.3
Crowd-Upper2	65.6	65.4	63	64.4	68.3	61.3	47	2.5	70.1
Crowd-Upper3	49.5	46.7	44.3	45.8	49.8	43	30	-10.1	51.6
Crowd-Upper4	49.4	46.3	43.9	45.4	49.3	42.5	29.1	-12.3	51.2
Crowd-Upper5	50.2	47.1	43	44.4	48.2	41.2	26.9	-17.9	50.1
Crowd-Upper6	52.7	49.7	44.2	42.6	46.3	38.9	22.9	-28.3	48.3
Crowd-Upper7	52.5	49.5	44	42.3	45.7	38.1	21.5	-31.9	47.8
Crowd-Upper8	51.9	48.8	43.3	41.5	44.8	37.1	19.6	-37.1	46.9
Crowd-Upper9	52	49	43.5	41.8	45.2	37.5	20.4	-34.9	47.3
Crowd-Upper10	55	52.1	46.7	45	45.6	38	21.3	-32.4	48.6
Crowd-Lower1	49.1	46	42.2	43.6	47.3	40.1	25	-22.6	49.2
Crowd-Lower2	45.5	45.3	42.9	44.3	48.1	41.1	26.7	-18.4	49.9
Crowd-Lower3	45.9	45.8	43.4	44.8	48.7	41.7	27.8	-15.4	50.5
Crowd-Lower4	45.7	45.5	43.1	44.5	48.4	41.4	27.2	-17.1	50.2
Crowd-Lower5	45.1	44.9	42.4	43.8	47.6	40.4	25.6	-21.2	49.4
Crowd-Lower6	45	44.1	41.7	43	46.7	39.3	23.7	-26.3	48.5
Crowd-Lower7	45.5	43.6	41.1	42.4	46	38.5	22.3	-29.9	47.8
Crowd-Lower8	45.8	43.4	40.9	42.1	45.7	38.1	21.5	-31.9	47.5
Crowd-Lower9	45.9	43.7	41.1	42.4	46	38.5	22.3	-29.9	47.8
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R14	61.4	58.8	54.5	54.5	57.8	50.1	33.2	0.1	59.7
Crowd-Upper1	51.8	48.7	43.2	41.4	44.2	36.4	18.3	-40.8	46.4
Crowd-Upper2	51.6	48.5	43	41.4	44.9	37.2	19.8	-36.7	46.9
Crowd-Upper3	47.4	44.3	41.6	42.9	46.6	39.2	23.5	-26.7	48.4
Crowd-Upper4	47.3	44.3	41.9	43.2	46.9	39.6	24.2	-24.9	48.7
Crowd-Upper5	48	44.8	41.7	43	46.7	39.3	23.7	-26.2	48.5
Crowd-Upper6	51.6	48.6	43.1	41.6	45.1	37.4	20.2	-35.4	47.1
Crowd-Upper7	51.8	48.8	43.3	41.5	44.4	36.6	18.7	-39.7	46.6
Crowd-Upper8	51.5	48.4	42.9	41	43.1	35	15.7	-48	45.5
Crowd-Upper9	51.4	48.3	42.8	40.9	43	34.8	15.3	-49	45.4
Crowd-Upper10	51.4	48.4	42.8	40.9	43	34.9	15.4	-48.7	45.4
Crowd-Lower1	43.8	42.4	39.8	41	44.4	36.5	18.5	-40	46.1
Crowd-Lower2	43.1	42.9	40.3	41.5	45	37.3	20.1	-35.8	46.8
Crowd-Lower3	43.7	43.4	40.9	42.2	45.8	38.2	21.7	-31.5	47.5
Crowd-Lower4	43.8	43.6	41.1	42.4	46	38.5	22.2	-30.1	47.8
Crowd-Lower5	43.8	43.5	41	42.3	45.9	38.4	21.9	-30.8	47.7
Crowd-Lower6	43.2	43	40.4	41.7	45.2	37.5	20.4	-35	46.9
Crowd-Lower7	43.8	42.5	39.9	41.1	44.5	36.7	18.8	-39.2	46.3
Crowd-Lower8	44.3	42.1	39.4	40.6	43.9	36	17.5	-42.9	45.7
Crowd-Lower9	44.4	42	39.3	40.5	43.8	35.8	17.2	-43.7	45.6

Crowd-Lower10	0	0	0	0	0	0	0	0	0
R15	60.2	57.4	53.2	54.3	57.8	50.1	33.1	0	59.6
Crowd-Upper1	48.7	45.5	39.9	40	43.2	35.1	15.8	-47.6	45.1
Crowd-Upper2	49.1	46	40.4	40.3	43.6	35.6	16.9	-44.6	45.6
Crowd-Upper3	48.3	45.2	40.5	41.7	45.2	37.6	20.5	-34.6	47
Crowd-Upper4	47.5	44.4	41.3	42.6	46.2	38.8	22.7	-28.8	48
Crowd-Upper5	48.2	45.1	41.9	43.3	47	39.7	24.4	-24.3	48.8
Crowd-Upper6	50.3	47.2	41.7	42.6	46.3	38.8	22.8	-28.5	48.1
Crowd-Upper7	49.7	46.6	41.1	42	45.6	38	21.4	-32.3	47.5
Crowd-Upper8	48.4	45.3	39.7	40.6	44	36	17.6	-42.7	45.8
Crowd-Upper9	48	44.9	39.3	39.9	43.2	35.1	15.8	-47.6	45
Crowd-Upper10	47.9	44.7	39.1	39.6	42.8	34.5	14.8	-50.5	44.6
Crowd-Lower1	44.2	41.8	39.2	40.3	43.6	35.6	16.7	-45	45.4
Crowd-Lower2	43.6	42.2	39.6	40.7	44.1	36.1	17.8	-41.9	45.8
Crowd-Lower3	43	42.7	40.2	41.4	44.8	37.1	19.6	-37	46.6
Crowd-Lower4	43.5	43.3	40.8	42	45.6	38	21.3	-32.6	47.4
Crowd-Lower5	44	43.8	41.3	42.6	46.2	38.8	22.7	-28.8	48
Crowd-Lower6	45.7	43.6	41.1	42.3	45.9	38.4	22.1	-30.4	47.7
Crowd-Lower7	47.5	44.3	40.6	41.8	45.3	37.7	20.7	-34	47.1
Crowd-Lower8	46.8	43.6	39.9	41.1	44.5	36.7	18.9	-38.9	46.3
Crowd-Lower9	46.9	43.7	39.4	40.5	43.9	35.9	17.3	-43.3	45.7
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R16	61.4	58.9	54	53.1	54.8	45.4	23.3	0	57
Crowd-Upper1	49.7	46.5	40.8	38.6	39.4	30.3	6.2	-75.1	42.2
Crowd-Upper2	49.6	46.4	40.7	38.6	39.8	30.7	7.1	-72.3	42.4
Crowd-Upper3	45.6	42.4	37.2	38.1	41.1	32.4	10.5	-62.6	42.9
Crowd-Upper4	44.6	41.4	37.8	38.8	41.9	33.4	12.5	-56.9	43.6
Crowd-Upper5	45.2	42	38.3	39.3	42.5	34.2	14.1	-52.4	44.3
Crowd-Upper6	47.9	44.8	39.1	38.9	42	33.6	12.9	-55.7	43.9
Crowd-Upper7	47.7	44.6	38.9	38.5	41.6	33	11.7	-59.1	43.5
Crowd-Upper8	49.6	46.5	40.8	38.6	40.2	31.2	8.2	-69.2	42.7
Crowd-Upper9	56.7	54.7	49.8	48.1	48	36	9.1	-74.5	50.8
Crowd-Upper10	54	51.4	45.9	43.8	43.6	31.3	5.4	-77.5	46.6
Crowd-Lower1	41.9	39.1	36.3	37.1	39.8	30.7	7.1	-72.5	41.6
Crowd-Lower2	41.2	39.4	36.5	37.4	40.2	31.2	8.1	-69.6	41.9
Crowd-Lower3	40.1	39.8	37	37.9	40.8	32	9.7	-64.9	42.5
Crowd-Lower4	40.5	40.2	37.5	38.4	41.4	32.7	11.2	-60.5	43.1
Crowd-Lower5	40.9	40.6	37.9	38.8	41.9	33.4	12.6	-56.6	43.7
Crowd-Lower6	43	40.5	37.7	38.7	41.7	33.2	12.2	-57.8	43.5
Crowd-Lower7	44.6	41.3	37.4	38.3	41.3	32.6	11	-61.1	43.1
Crowd-Lower8	45.6	42.4	36.9	37.8	40.6	31.8	9.4	-65.9	42.5
Crowd-Lower9	44.4	41.1	36.5	37.3	40	31	7.8	-70.4	41.9
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R17	57.8	54.9	49.8	49.2	51.2	41.7	16.5	0	53.3
Crowd-Upper1	48.6	45.5	39.6	37.1	36.9	26.8	-1.1	-96.8	40.1
Crowd-Upper2	48.6	45.5	39.6	37.2	37.1	27.1	-0.5	-95	40.2
Crowd-Upper3	46	42.8	36.9	35.6	38	28.4	2.3	-86.7	40.1
Crowd-Upper4	44.2	40.9	35.6	36.3	38.8	29.4	4.5	-80.2	40.7
Crowd-Upper5	44.2	40.9	36.2	36.9	39.6	30.5	6.6	-73.8	41.4
Crowd-Upper6	45.3	42.1	36.3	37	39.7	30.5	6.8	-73.4	41.5
Crowd-Upper7	45.2	42	36.1	36.7	39.4	30.2	6	-75.6	41.3
Crowd-Upper8	47.9	44.7	38.8	36.5	38.3	28.7	2.9	-84.7	40.7
Crowd-Upper9	48.6	45.5	39.6	37.2	37.5	27.6	0.6	-91.6	40.5
Crowd-Upper10	48.6	45.5	39.6	37.2	37	26.9	-0.8	-96	40.2
Crowd-Lower1	43.3	40	34.4	35	37.2	27.3	0	-93.6	39.1
Crowd-Lower2	40.5	37.6	34.6	35.1	37.4	27.6	0.6	-91.7	39.3
Crowd-Lower3	39.5	37.9	34.9	35.5	37.9	28.3	2	-87.5	39.7
Crowd-Lower4	38.9	38.3	35.4	36.1	38.6	29.1	3.8	-82.3	40.4
Crowd-Lower5	41.1	38.7	35.9	36.6	39.2	30	5.6	-76.9	41
Crowd-Lower6	39.2	38.8	35.9	36.7	39.3	30.1	5.8	-76.3	41.1

Crowd-Lower7	39	38.6	35.7	36.4	39	29.7	5.1	-78.5	40.8
Crowd-Lower8	38.9	38.2	35.3	36	38.5	29	3.5	-82.9	40.3
Crowd-Lower9	40.4	37.8	34.8	35.4	37.8	28.1	1.6	-88.8	39.6
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R18	63.5	61	56.1	55.3	57.2	48.4	29.1	0	59.4
Crowd-Upper1	50	46.9	41.3	39.2	41.1	32.5	10.7	-62.1	43.6
Crowd-Upper2	52.1	49.1	43.6	41.6	41.6	32.6	10.9	-61.4	44.6
Crowd-Upper3	50.5	47.4	41.8	39.8	42.1	33.7	13.1	-55.3	44.4
Crowd-Upper4	49.8	46.7	41.1	39.9	43.1	34.9	15.5	-48.3	45.1
Crowd-Upper5	49.2	46	40.5	40.9	44.3	36.4	18.4	-40.5	46.2
Crowd-Upper6	48.2	45.1	40.3	41.5	45	37.2	19.9	-36.3	46.8
Crowd-Upper7	48.2	45	40.2	41.3	44.8	37.1	19.5	-37.2	46.6
Crowd-Upper8	58.9	56.8	51.9	50.4	51	40	18.3	-44.9	53.5
Crowd-Upper9	56.3	53.7	48.5	46.7	46.9	35.7	13.9	-52.8	49.7
Crowd-Upper10	50.4	47.3	41.7	39.6	41.7	33.1	12	-58.2	44.1
Crowd-Lower1	43.5	40.4	37.7	38.6	41.7	33.1	12	-58.4	43.4
Crowd-Lower2	43.6	40.5	37.8	38.7	41.8	33.2	12.2	-57.7	43.5
Crowd-Lower3	47.2	44.1	38.4	39.1	42.2	33.8	13.4	-54.3	44.1
Crowd-Lower4	46.8	43.6	38.8	39.8	43	34.9	15.4	-48.7	44.8
Crowd-Lower5	45.7	42.5	39.5	40.7	44	36.1	17.8	-42.1	45.8
Crowd-Lower6	42.7	42.4	39.8	41	44.4	36.6	18.6	-39.8	46.2
Crowd-Lower7	42.6	42.3	39.7	40.9	44.3	36.4	18.3	-40.7	46
Crowd-Lower8	42.1	41.9	39.2	40.3	43.7	35.6	16.9	-44.6	45.4
Crowd-Lower9	42.9	41.1	38.5	39.5	42.7	34.4	14.5	-51.2	44.4
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R19	63.7	61.3	56.5	55.3	56.6	46.8	25.1	0	58.9
Crowd-Upper1	49.5	46.4	40.6	38.5	39.6	30.5	6.6	-73.9	42.3
Crowd-Upper2	49.5	46.4	40.7	38.5	39.7	30.5	6.8	-73.4	42.3
Crowd-Upper3	49.7	46.6	40.9	38.8	40.4	31.5	8.8	-67.6	42.9
Crowd-Upper4	49	45.8	40.2	38.4	41.3	32.7	11.1	-60.7	43.4
Crowd-Upper5	55.3	52.6	47.3	45.5	45.7	34.4	13.9	-53	48.5
Crowd-Upper6	47	43.8	38.8	39.9	43.1	34.9	15.5	-48.4	44.9
Crowd-Upper7	46.9	43.7	38.7	39.8	43	34.8	15.3	-49.1	44.8
Crowd-Upper8	58.6	56.9	52.2	50.7	51.1	39.9	16.2	-55.7	53.7
Crowd-Upper9	57.1	55	50	48.3	48.4	36.8	11.7	-64	51.2
Crowd-Upper10	49.7	46.6	40.9	38.8	40.2	31.2	8.1	-69.5	42.7
Crowd-Lower1	42.6	39.3	36.5	37.3	40.1	31.1	7.9	-70.2	41.9
Crowd-Lower2	42.6	39.4	36.5	37.4	40.1	31.2	8.1	-69.7	41.9
Crowd-Lower3	46.2	43	37.2	37.7	40.6	31.7	9.2	-66.5	42.4
Crowd-Lower4	45.7	42.5	37.4	38.3	41.3	32.7	11.1	-60.9	43.1
Crowd-Lower5	44.5	41.3	38.1	39.1	42.2	33.8	13.4	-54.4	44
Crowd-Lower6	41.4	41.1	38.4	39.4	42.6	34.3	14.3	-51.9	44.3
Crowd-Lower7	41.3	41	38.3	39.3	42.5	34.2	14	-52.5	44.2
Crowd-Lower8	40.9	40.6	37.9	38.9	42	33.5	12.7	-56.2	43.7
Crowd-Lower9	41.8	40	37.2	38.1	41.1	32.3	10.4	-62.8	42.8
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R20	62.5	60.2	55.1	53.6	54.1	43.1	16.8	0	56.7
Crowd-Upper1	48.4	45.2	39.3	36.9	36.7	26.7	-1.4	-97.8	39.9
Crowd-Upper2	48.4	45.2	39.3	36.9	36.7	26.6	-1.5	-98	39.9
Crowd-Upper3	54.3	51.9	46.6	44.5	43.9	31.1	0.8	-93.8	47
Crowd-Upper4	55	52.7	47.5	45.5	45.1	32.5	3.4	-87.3	48.1
Crowd-Upper5	56.1	54	49	47.2	47	34.8	7	-79.5	49.9
Crowd-Upper6	44.8	41.5	36.2	37	39.7	30.5	6.8	-73.4	41.5
Crowd-Upper7	44.8	41.5	36.2	37	39.7	30.6	6.9	-73.1	41.5
Crowd-Upper8	46	42.7	36.9	36.5	39.1	29.7	5.1	-78.2	41
Crowd-Upper9	47.7	44.5	38.6	36.3	38.1	28.5	2.5	-86	40.5
Crowd-Upper10	55.7	53.8	48.8	47	46.7	34	4.1	-91.2	49.6
Crowd-Lower1	40.9	37.5	34.4	34.9	37.2	27.2	-0.2	-94.2	39
Crowd-Lower2	40.8	37.5	34.4	34.9	37.1	27.2	-0.3	-94.4	39
Crowd-Lower3	40.6	37.6	34.6	35.1	37.4	27.6	0.5	-91.9	39.2

Crowd-Lower4	39.9	38	35	35.6	38	28.4	2.3	-86.6	39.9
Crowd-Lower5	38.9	38.5	35.6	36.3	38.8	29.4	4.5	-80.1	40.6
Crowd-Lower6	39.1	38.7	35.9	36.6	39.2	30	5.6	-76.8	41
Crowd-Lower7	39.1	38.8	35.9	36.6	39.3	30	5.7	-76.6	41
Crowd-Lower8	38.9	38.5	35.6	36.3	38.9	29.6	4.7	-79.4	40.7
Crowd-Lower9	43.8	40.4	35.1	35.7	38.1	28.5	2.6	-85.9	40
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R21	61.2	58.9	53.9	52.5	53.3	42.5	16.1	0	55.8
Crowd-Upper1	48.3	45.1	39.2	36.7	36.5	26.3	-2.1	-99.9	39.7
Crowd-Upper2	48.3	45.1	39.2	36.7	36.4	26.3	-2.3	-100.5	39.7
Crowd-Upper3	48.4	45.2	39.3	36.9	36.8	26.8	-1.1	-96.9	40
Crowd-Upper4	55.4	53.4	48.3	46.4	46	33.4	3.6	-90.6	49
Crowd-Upper5	56.5	54.7	49.9	48.2	48.1	35.8	7.4	-82	50.9
Crowd-Upper6	44.6	41.3	35.9	36.7	39.3	30.1	5.8	-76.1	41.2
Crowd-Upper7	44.6	41.4	36	36.8	39.4	30.2	6.1	-75.5	41.2
Crowd-Upper8	44.9	41.6	35.8	36.3	38.9	29.5	4.6	-79.7	40.8
Crowd-Upper9	46.8	43.6	37.7	35.6	38	28.3	2	-87.4	40.1
Crowd-Upper10	48	44.8	38.9	36.5	37.3	27.4	0.1	-93.2	40.1
Crowd-Lower1	40.7	37.4	34.2	34.7	36.9	26.9	-0.9	-96.3	38.8
Crowd-Lower2	40.7	37.3	34.2	34.7	36.9	26.8	-1.1	-96.8	38.7
Crowd-Lower3	40.4	37.3	34.3	34.9	37.1	27.1	-0.4	-94.7	38.9
Crowd-Lower4	39.8	37.7	34.8	35.3	37.7	27.9	1.3	-89.5	39.5
Crowd-Lower5	38.6	38.2	35.3	36	38.5	29	3.5	-83	40.3
Crowd-Lower6	38.9	38.5	35.6	36.3	38.9	29.5	4.7	-79.5	40.7
Crowd-Lower7	39	38.6	35.7	36.4	39	29.6	4.9	-78.9	40.8
Crowd-Lower8	42.2	38.9	35.5	36.2	38.7	29.2	4.1	-81.3	40.5
Crowd-Lower9	43.6	40.3	34.9	35.5	37.9	28.2	2	-87.7	39.8
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R22	58.8	55.8	50.8	50.5	52.9	44	21.3	0	54.9
Crowd-Upper1	49.1	46	40.2	37.9	38.8	29.4	4.3	-80.6	41.5
Crowd-Upper2	49	45.9	40.1	37.8	38.5	29	3.7	-82.6	41.3
Crowd-Upper3	49	45.9	40.1	37.8	38.5	29	3.6	-82.6	41.3
Crowd-Upper4	49.2	46.1	40.3	38.1	39.1	29.8	5.3	-77.7	41.8
Crowd-Upper5	48.7	45.6	39.8	37.7	40	31	7.7	-70.9	42.3
Crowd-Upper6	46.4	43.2	37.5	38.3	41.2	32.5	10.8	-61.6	43.1
Crowd-Upper7	46.5	43.3	37.6	38.5	41.5	33	11.7	-59.2	43.4
Crowd-Upper8	44.4	41.1	37.6	38.6	41.6	33	11.7	-59.1	43.3
Crowd-Upper9	45.1	41.9	36.9	37.8	40.7	31.8	9.4	-65.6	42.5
Crowd-Upper10	46.4	43.2	37.4	37.2	39.9	30.9	7.5	-71.2	41.9
Crowd-Lower1	41.4	38.7	35.8	36.6	39.2	29.9	5.4	-77.3	41
Crowd-Lower2	46	42.7	36.9	36.4	38.9	29.6	4.8	-79.3	40.9
Crowd-Lower3	45.7	42.4	36.6	36.4	39	29.6	4.9	-78.9	40.9
Crowd-Lower4	41.4	38.9	36.1	36.8	39.5	30.3	6.3	-74.7	41.3
Crowd-Lower5	40.1	39.4	36.6	37.4	40.2	31.3	8.3	-69	42
Crowd-Lower6	40.2	39.8	37.1	37.9	40.8	32.1	9.9	-64.4	42.6
Crowd-Lower7	43.2	40.1	37.3	38.2	41.2	32.5	10.7	-62.1	42.9
Crowd-Lower8	43.2	40	37.2	38.1	41.1	32.4	10.5	-62.6	42.9
Crowd-Lower9	39.9	39.5	36.7	37.6	40.4	31.5	8.7	-67.9	42.1
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R23	65.7	64.7	61.4	61.9	64.5	55.6	36.1	0	66.4
Crowd-Upper1	50.4	47.3	41.7	39.8	42.3	33.9	13.5	-54.1	44.5
Crowd-Upper2	50.4	47.3	41.7	39.7	41.8	33.3	12.4	-57.2	44.2
Crowd-Upper3	50.1	47	41.3	39.3	41.3	32.6	11	-61.2	43.7
Crowd-Upper4	60	59	55.2	54.6	55.6	44.6	20.8	-52.4	57.9
Crowd-Upper5	50.6	47.5	41.9	40	42.3	33.9	13.6	-53.7	44.6
Crowd-Upper6	49.8	46.7	41.1	40.4	43.8	35.8	17.2	-43.8	45.7
Crowd-Upper7	62.6	62.2	59.5	60.3	63.2	54.4	35.1	-25.3	65
Crowd-Upper8	46.1	43	40.5	41.7	45.2	37.5	20.4	-34.8	47
Crowd-Upper9	46.1	42.9	40	41.1	44.6	36.8	19	-38.7	46.4
Crowd-Upper10	46.6	43.4	39.4	40.5	43.9	35.9	17.4	-43.1	45.7

Crowd-Lower1	42.3	41.1	38.4	39.4	42.6	34.3	14.4	-51.6	44.4
Crowd-Lower2	43	40.8	38.1	39.1	42.1	33.7	13.2	-54.9	43.9
Crowd-Lower3	43.4	40.6	37.9	38.9	41.9	33.5	12.7	-56.3	43.7
Crowd-Lower4	43.4	40.9	38.2	39.2	42.3	33.9	13.5	-54	44
Crowd-Lower5	47.1	43.9	38.6	39.6	42.8	34.6	14.9	-50.1	44.7
Crowd-Lower6	46.2	43	39.2	40.3	43.6	35.5	16.6	-45.2	45.3
Crowd-Lower7	45.5	42.3	39.6	40.7	44.1	36.2	18	-41.5	45.9
Crowd-Lower8	42.7	42.4	39.8	41	44.4	36.6	18.6	-39.7	46.2
Crowd-Lower9	42.3	42.1	39.5	40.6	43.9	36	17.5	-42.8	45.7
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R24	67.5	66.9	64.2	65.3	68.7	60.9	44.1	0.6	70.5
Crowd-Upper1	51.4	48.4	42.9	41.3	44.8	37	19.4	-37.6	46.8
Crowd-Upper2	51.4	48.3	42.8	41	44.2	36.3	18.1	-41.3	46.3
Crowd-Upper3	50.9	47.8	42.2	40.3	43.2	35.1	15.9	-47.3	45.4
Crowd-Upper4	50.9	47.8	42.3	40.4	43.4	35.3	16.3	-46.1	45.6
Crowd-Upper5	51.2	48.1	42.6	40.8	43.9	35.9	17.4	-43.1	46
Crowd-Upper6	63.3	63	60.3	61.3	64.4	56	37.8	-18.5	66.2
Crowd-Upper7	63.9	63.7	61.2	62.5	66.1	58.6	42.4	-9.5	67.9
Crowd-Upper8	47.6	44.8	42.4	43.7	47.5	40.3	25.4	-21.6	49.3
Crowd-Upper9	47.5	44.6	42.1	43.5	47.2	40	24.8	-23.1	49
Crowd-Upper10	47.7	44.6	41.7	43	46.6	39.3	23.6	-26.3	48.5
Crowd-Lower1	43.4	42.9	40.3	41.5	45	37.3	20.1	-35.8	46.8
Crowd-Lower2	44	42.4	39.8	41	44.4	36.6	18.7	-39.6	46.2
Crowd-Lower3	44.4	42.1	39.5	40.7	44	36.1	17.8	-42.2	45.8
Crowd-Lower4	44.5	42.3	39.7	40.8	44.2	36.3	18.2	-41	46
Crowd-Lower5	44.4	42.5	40	41.1	44.6	36.8	19	-38.6	46.4
Crowd-Lower6	43.9	43.1	40.6	41.8	45.3	37.7	20.7	-34.2	47.1
Crowd-Lower7	43.9	43.6	41.1	42.4	46	38.5	22.2	-30	47.8
Crowd-Lower8	44.3	44.1	41.6	42.9	46.6	39.2	23.4	-26.8	48.4
Crowd-Lower9	44.1	43.9	41.4	42.7	46.4	38.9	23	-28	48.1
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R25	61.4	58.7	54.6	54.7	58.2	50.6	34.1	0.1	60.1
Crowd-Upper1	51.6	48.5	43.1	41.9	45.4	37.8	20.9	-33.6	47.4
Crowd-Upper2	51.7	48.6	43.1	41.3	44.7	37	19.4	-37.7	46.8
Crowd-Upper3	51.1	48.1	42.5	40.7	43.5	35.4	16.5	-45.6	45.7
Crowd-Upper4	51.1	48	42.4	40.6	43.4	35.3	16.3	-46.2	45.6
Crowd-Upper5	51.2	48.1	42.6	40.7	43.6	35.5	16.7	-45	45.8
Crowd-Upper6	51.7	48.6	43.2	41.4	44.8	37.1	19.6	-37.1	46.9
Crowd-Upper7	51.6	48.5	43.1	42	45.5	37.9	21.2	-32.9	47.5
Crowd-Upper8	47.6	44.6	42.1	43.5	47.2	40	24.8	-23.2	49
Crowd-Upper9	47.6	44.8	42.3	43.7	47.5	40.3	25.3	-21.9	49.3
Crowd-Upper10	47.6	44.6	42.1	43.5	47.2	40	24.8	-23.2	49
Crowd-Lower1	43.5	43.3	40.7	42	45.5	38	21.2	-32.8	47.3
Crowd-Lower2	44	42.8	40.2	41.4	44.9	37.1	19.6	-37	46.6
Crowd-Lower3	44.4	42.3	39.7	40.9	44.3	36.4	18.3	-40.5	46.1
Crowd-Lower4	44.5	42.3	39.7	40.8	44.2	36.3	18.2	-40.9	46
Crowd-Lower5	44.4	42.4	39.8	40.9	44.3	36.5	18.5	-40.2	46.1
Crowd-Lower6	43.9	42.8	40.2	41.4	44.9	37.2	19.8	-36.5	46.7
Crowd-Lower7	43.6	43.3	40.8	42	45.6	38	21.4	-32.3	47.4
Crowd-Lower8	44.1	43.9	41.4	42.7	46.3	38.9	22.9	-28.1	48.1
Crowd-Lower9	44.2	44	41.5	42.8	46.5	39.1	23.3	-27.2	48.3
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R26	65.1	62.4	57.8	57.7	60.8	53.7	39.6	2.1	62.8
Crowd-Upper1	51	48	42.5	41.7	45.3	37.6	20.6	-34.4	47.2
Crowd-Upper2	51	47.9	42.5	41.7	45.2	37.6	20.5	-34.7	47.2
Crowd-Upper3	51.6	48.5	43.1	42.3	45.9	38.4	21.9	-30.8	47.8
Crowd-Upper4	54.6	51.7	46.3	44.7	47	39.8	24.4	-24.2	49.4
Crowd-Upper5	56.2	53.3	48	46.5	48.6	41.6	27.7	-15.8	51.1
Crowd-Upper6	51.8	48.7	44.7	46.2	50.2	43.5	30.8	-8.2	52.1
Crowd-Upper7	51.8	48.7	44.8	46.3	50.3	43.6	31	-7.7	52.2

Crowd-Upper8	58.2	55.4	50.2	48.7	49.7	42.2	28.5	-13.7	52.5
Crowd-Upper9	56.2	53.3	48	46.5	47.4	40.2	25.2	-22.2	50.2
Crowd-Upper10	55	52.1	46.7	45.1	46.3	38.9	22.9	-28.2	49
Crowd-Lower1	46	43.6	41.1	42.3	45.9	38.4	22.1	-30.5	47.7
Crowd-Lower2	46	43.5	41	42.3	45.9	38.4	21.9	-30.8	47.7
Crowd-Lower3	45.9	43.9	41.4	42.6	46.3	38.9	22.8	-28.4	48.1
Crowd-Lower4	45.8	44.6	42.2	43.5	47.3	40.1	25	-22.8	49.1
Crowd-Lower5	45.9	45.7	43.3	44.7	48.6	41.7	27.7	-15.7	50.5
Crowd-Lower6	46.5	46.4	44	45.4	49.4	42.6	29.3	-11.9	51.3
Crowd-Lower7	46.6	46.4	44.1	45.5	49.5	42.7	29.4	-11.4	51.4
Crowd-Lower8	46.1	45.9	43.5	44.9	48.9	41.9	28.2	-14.6	50.7
Crowd-Lower9	49.7	46.6	42.4	43.7	47.5	40.3	25.4	-21.6	49.3
Crowd-Lower10	0	0	0	0	0	0	0	0	0
NokiaTheater	73.9	71.4	67.6	68.2	72	66.1	58.3	39.3	74.2
Crowd-Upper1	58.1	56.3	54.2	56	60.7	55.1	47.4	27.4	62.8
Crowd-Upper2	71.8	69.2	64.3	63.3	65.1	57.8	50.7	33.1	67.7
Crowd-Upper3	60.6	59.2	57.2	59	63.8	58.4	51.5	34.3	66
Crowd-Upper4	58	55.2	53	54.8	59.4	53.8	45.7	24.2	61.5
Crowd-Upper5	54.2	52	49.8	51.5	55.9	50	40.5	14	57.9
Crowd-Upper6	56.7	53.7	48.5	49.3	53.6	47.3	36.7	5.8	55.6
Crowd-Upper7	56	53	47.8	48.8	53.1	46.8	35.9	4	55.1
Crowd-Upper8	55.8	52.8	47.6	48.7	53	46.7	35.7	3.5	54.9
Crowd-Upper9	57.5	54.5	49.3	50	54.4	48.3	38.1	8.8	56.4
Crowd-Upper10	59.4	56.4	51.3	51.2	55.7	49.7	40.2	13.3	57.8
Crowd-Lower1	57.7	55.6	53.5	55.3	59.9	54.3	46.4	25.5	62
Crowd-Lower2	58.7	57.5	55.4	57.2	62	56.4	49.1	30.3	64.1
Crowd-Lower3	58.7	57.6	55.5	57.3	62	56.5	49.2	30.5	64.2
Crowd-Lower4	57.2	54.9	52.7	54.5	59.1	53.4	45.3	23.4	61.2
Crowd-Lower5	55.4	52.4	50	51.7	56.2	50.2	40.9	14.9	58.2
Crowd-Lower6	54.3	51.3	48.7	50.3	54.7	48.6	38.6	9.9	56.7
Crowd-Lower7	53.9	50.8	48.1	49.8	54.1	48	37.7	7.9	56.1
Crowd-Lower8	53.9	50.9	48.3	50	54.3	48.2	38	8.5	56.3
Crowd-Lower9	55.1	52	49.7	51.4	55.9	49.9	40.5	13.8	57.9
Crowd-Lower10	0	0	0	0	0	0	0	0	0
Ritz-Flr1	69.1	66.5	62.5	63.6	67.8	61.6	52.2	27.6	69.8
Crowd-Upper1	57.7	54.7	51.5	53.3	57.9	52.1	43.4	19.9	59.9
Crowd-Upper2	58.2	55.2	52.6	54.3	59	53.2	45	22.9	61
Crowd-Upper3	57.8	54.8	51.2	53	57.5	51.7	42.9	18.8	59.5
Crowd-Upper4	56.6	53.6	48.7	50.4	54.8	48.7	38.8	10.3	56.8
Crowd-Upper5	55.9	52.9	47.7	48.1	52.4	46	34.7	1.1	54.4
Crowd-Upper6	61.1	58.4	53.4	52	53.2	44.1	31.7	-5.8	55.7
Crowd-Upper7	60.4	57.8	52.7	51.3	52.4	43.8	31.3	-7	55
Crowd-Upper8	52.6	49.5	45.2	46.7	50.8	44.2	31.8	-5.6	52.7
Crowd-Upper9	54.3	51.3	46.5	48.1	52.4	46	34.7	1.1	54.3
Crowd-Upper10	55.8	52.8	47.8	49.5	53.8	47.6	37.2	6.8	55.8
Crowd-Lower1	52.6	52.6	50.4	52.1	56.6	50.7	41.6	16.2	58.6
Crowd-Lower2	53.4	53.3	51.1	52.9	57.4	51.6	42.8	18.7	59.5
Crowd-Lower3	55.7	52.7	50.5	52.3	56.8	50.9	41.8	16.7	58.8
Crowd-Lower4	55.5	52.5	48.7	50.4	54.7	48.6	38.7	10	56.7
Crowd-Lower5	55	51.9	46.8	48.4	52.6	46.3	35.2	2.2	54.6
Crowd-Lower6	54.6	51.6	46.3	47.5	51.6	45.2	33.4	-1.9	53.6
Crowd-Lower7	54.5	51.5	46.2	47.2	51.3	44.8	32.9	-3.1	53.3
Crowd-Lower8	49.5	48.3	46	47.5	51.7	45.2	33.5	-1.6	53.6
Crowd-Lower9	50.2	49.6	47.3	49	53.2	47	36.2	4.6	55.2
Crowd-Lower10	0	0	0	0	0	0	0	0	0
Ritz-Flr27	82.4	82.1	79.7	81.1	85.2	78.8	68.2	40	87.1
Crowd-Upper1	72.5	71.9	68.8	69.1	71.8	63.6	52.1	24.7	73.7
Crowd-Upper2	73.4	72.7	69.6	69.9	72.6	64.4	53.3	27.3	74.6
Crowd-Upper3	72.9	72.8	70.6	72.4	76.9	71	62	36.9	78.9
Crowd-Upper4	70.7	70.6	68.4	70	74.4	68.3	58.1	28.9	76.4

Crowd-Upper5	68.7	68.6	66.3	67.9	72.1	65.7	54.2	20.1	74
Crowd-Upper6	67.4	67.3	64.9	66.5	70.5	63.9	51.4	13.3	72.4
Crowd-Upper7	67.2	67.1	64.7	66.2	70.3	63.6	50.9	12.2	72.1
Crowd-Upper8	67.5	67.3	65	66.5	70.6	63.9	51.5	13.5	72.5
Crowd-Upper9	68.7	68.6	66.3	67.9	72.1	65.7	54.2	20.1	74
Crowd-Upper10	69.9	69.8	67.6	69.2	73.5	67.3	56.6	25.5	75.4
Crowd-Lower1	60.9	58.1	53	51.7	55.4	49.4	39.7	12.3	57.7
Crowd-Lower2	61.4	58.6	53.5	52.2	56	50.1	40.7	14.4	58.3
Crowd-Lower3	71.7	71.6	69.4	71.1	75.5	69.5	59.9	32.7	77.5
Crowd-Lower4	70.2	70.1	67.9	69.5	73.9	67.7	57.2	26.9	75.8
Crowd-Lower5	68.7	68.5	66.2	67.8	72	65.6	54.1	19.8	73.9
Crowd-Lower6	67.9	67.8	65.5	67	71.1	64.6	52.5	15.9	73
Crowd-Lower7	67.7	67.5	65.2	66.7	70.8	64.2	52	14.7	72.7
Crowd-Lower8	68	67.8	65.5	67	71.2	64.6	52.6	16.1	73.1
Crowd-Lower9	69.1	69	66.7	68.3	72.6	66.2	55	21.9	74.5
Crowd-Lower10	0	0	0	0	0	0	0	0	0
Ritz-Flr54	81.5	81.4	79.1	80.7	84.9	78.5	67.4	36.5	86.8
Crowd-Upper1	70.9	70.8	68.6	70.2	74.6	68.5	58.5	29.6	76.6
Crowd-Upper2	71.4	71.3	69.1	70.8	75.2	69.1	59.4	31.5	77.2
Crowd-Upper3	70.7	70.6	68.4	70.1	74.4	68.3	58.2	28.9	76.4
Crowd-Upper4	69.3	69.2	66.9	68.5	72.8	66.4	55.4	22.7	74.7
Crowd-Upper5	67.8	67.6	65.3	66.8	71	64.4	52.2	15.2	72.8
Crowd-Upper6	66.7	66.5	64.2	65.6	69.6	62.8	49.7	9.2	71.5
Crowd-Upper7	66.5	66.4	64	65.4	69.4	62.6	49.3	8.1	71.3
Crowd-Upper8	66.7	66.6	64.2	65.7	69.7	62.9	49.8	9.4	71.5
Crowd-Upper9	67.8	67.6	65.3	66.8	71	64.4	52.2	15.2	72.8
Crowd-Upper10	68.7	68.6	66.3	67.9	72.1	65.6	54.2	19.9	74
Crowd-Lower1	69.5	69.4	67.1	68.7	73	66.7	55.8	23.7	74.9
Crowd-Lower2	69.9	69.7	67.5	69.1	73.4	67.2	56.5	25.2	75.4
Crowd-Lower3	69.6	69.5	67.2	68.8	73.1	66.8	55.9	24	75
Crowd-Lower4	68.6	68.5	66.2	67.8	72	65.5	54	19.5	73.9
Crowd-Lower5	67.5	67.3	65	66.5	70.6	64	51.5	13.6	72.5
Crowd-Lower6	66.9	66.7	64.4	65.9	69.9	63.1	50.2	10.3	71.7
Crowd-Lower7	66.7	66.6	64.2	65.7	69.7	62.9	49.7	9.3	71.5
Crowd-Lower8	66.9	66.8	64.4	65.9	69.9	63.2	50.2	10.5	71.8
Crowd-Lower9	67.8	67.7	65.4	66.9	71	64.4	52.3	15.5	72.9
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R6	69.1	67.5	63.5	63.3	65.8	57.7	44.2	8.4	67.8
Crowd-Upper1	53.5	50.5	45.1	45.1	49.1	42.2	28.6	-13.5	51
Crowd-Upper2	53	50	44.6	44.4	48.3	41.3	27.1	-17.4	50.3
Crowd-Upper3	51.9	48.8	43.4	43.4	47.1	39.8	24.6	-23.8	49
Crowd-Upper4	51.9	48.8	43.4	43.5	47.2	40	24.9	-23	49.2
Crowd-Upper5	52.3	49.2	43.8	43.9	47.7	40.5	25.8	-20.6	49.6
Crowd-Upper6	64	62.3	57.8	56.8	58.1	48.4	32.2	-11.6	60.4
Crowd-Upper7	65.8	64.6	60.6	60	61.6	52.2	36.8	-4.4	63.8
Crowd-Upper8	51.6	49.1	46.9	48.5	52.7	46.4	35.3	2.6	54.7
Crowd-Upper9	51.5	49	46.7	48.3	52.5	46.2	35	1.8	54.5
Crowd-Upper10	51.4	48.4	46	47.5	51.7	45.2	33.5	-1.5	53.6
Crowd-Lower1	46.6	46.4	44	45.5	49.5	42.7	29.4	-11.6	51.3
Crowd-Lower2	46.8	45.7	43.3	44.8	48.7	41.7	27.8	-15.6	50.5
Crowd-Lower3	46.9	45.3	42.9	44.3	48.1	41	26.7	-18.4	49.9
Crowd-Lower4	47	45.4	43	44.4	48.3	41.2	27	-17.6	50.1
Crowd-Lower5	47	45.7	43.3	44.7	48.6	41.7	27.7	-15.8	50.5
Crowd-Lower6	46.9	46.4	44.1	45.5	49.5	42.7	29.5	-11.4	51.4
Crowd-Lower7	47.4	47.2	44.9	46.4	50.5	43.8	31.3	-6.9	52.4
Crowd-Lower8	48.1	48	45.7	47.2	51.4	44.9	32.9	-3	53.3
Crowd-Lower9	48	47.9	45.6	47.1	51.2	44.7	32.7	-3.6	53.1
Crowd-Lower10	0	0	0	0	0	0	0	0	0
R7	73.9	73.1	70.4	71.5	75.1	67.9	57	29.6	77
Crowd-Upper1	72.4	72.2	69.7	70.9	74.4	67.1	56	28.1	76.3

Outdoor Noise Prediction Model, Version 2.0 (Sean K. Bui), January 1, 2006

Client: Matrix Environmental
 Description: LA Convention Modernization & Farmers Field
 AES Job No: 2011113
 Consultant: skb
 Date: 9/13/2011
 Source: **Central Plant**

Description	63	125	250	500	1000	2000	4000	8000 dBA	
R1	45.6	42.6	36.5	32.2	27.2	22.3	11.2	-20.3	34.3
FF-CT-1	40	37	30.8	25.6	20.6	16	5.6	-25.2	28.2
FF-CT-2	37.9	34.9	29	25.5	20.6	16	5.6	-25.2	27.4
FF-CT-3	37.6	34.5	28.7	25.2	20.3	15.6	4.9	-26.8	27
FF-CT-4	38.1	35.1	28.8	23.2	18.3	13.6	2.9	-28.8	26
CC-CT-1	33.7	30.5	24.6	20.8	15.3	9.7	-5.2	-53	22.5
CC-CT-2	33.7	30.6	24.6	20.8	15.4	9.8	-5.2	-52.8	22.5
CC-CT-3	33.6	30.5	24.3	20.5	15	9.3	-6	-55.1	22.2
CC-CT-4	30.6	27.5	21.3	17.5	12	6.2	-9.1	-58.3	19.2
R2	59.1	56.9	51.3	45.4	38.1	31.5	21.7	2.8	47.6
FF-CT-1	52.8	50.6	44.9	38.8	31.4	24.6	15.2	-3.6	41.1
FF-CT-2	53.7	51.6	46	40.1	32.7	25.9	15.8	-2.8	42.3
FF-CT-3	53.9	51.8	46.2	40.2	32.9	26.1	16.1	-2	42.5
FF-CT-4	51	48.7	43	37	29.6	22.8	13.6	-4.9	39.3
CC-CT-1	37.7	34.7	29	25.5	20.6	15.9	5.4	-25.6	27.3
CC-CT-2	37.8	34.8	29.1	25.6	20.7	16.1	5.8	-24.7	27.4
CC-CT-3	37.2	34.1	29	25.5	20.6	15.9	5.4	-25.6	27.2
CC-CT-4	34.1	31	25.8	22.3	17.4	12.7	2.1	-29.4	24
R3	57.3	55.9	50.8	45.2	37.9	30.9	18.5	-12.6	47.1
FF-CT-1	50.8	49.2	43.9	38	30.5	23.1	10.4	-21.2	40
FF-CT-2	51.8	50.5	45.6	40	32.7	25.5	12.9	-18.4	41.8
FF-CT-3	52	50.7	45.8	40.2	32.9	25.7	13.3	-17.2	42
FF-CT-4	49.3	47.8	42.6	36.8	29.4	22.1	9.5	-21.3	38.8
CC-CT-1	38.2	35.2	28.8	25	20	15.3	4.4	-28.1	27
CC-CT-2	38.3	35.3	29	25.1	20.2	15.5	4.7	-27.3	27.2
CC-CT-3	38.4	35.3	29	25.2	20.3	15.6	4.9	-27	27.2
CC-CT-4	35.2	32.2	25.9	22	17.1	12.3	1.5	-30.8	24
R4	61.4	60.4	55.8	50.7	43.9	37.3	27	4.2	52.3
FF-CT-1	43.4	40.7	34.6	28.1	19.9	12.5	-0.3	-39.9	30.7
FF-CT-2	43.4	40.7	34.5	28	19.8	12.4	-0.5	-40.5	30.6
FF-CT-3	43.9	41.2	35.1	28.6	20.5	12.6	-0.1	-39.5	31.2
FF-CT-4	41.9	39.3	33.2	26.7	18.6	10.7	-1.9	-40.8	29.3
CC-CT-1	55.9	55.2	50.8	45.9	39.2	32.8	22.5	-0.4	47.5
CC-CT-2	55.3	54.2	49.6	44.3	37.3	30.6	20.2	-3.2	46
CC-CT-3	55.6	54.5	49.8	44.5	37.6	30.9	20.6	-2.1	46.2
CC-CT-4	53.3	52.5	48.1	43.2	36.5	30.1	20	-2.2	44.7
R5	56.4	55.2	50.7	45.8	39.2	32.5	19.7	-13.4	47.3
FF-CT-1	45.5	43.4	37.6	31.3	23.1	14.8	-2.3	-47.9	33.6
FF-CT-2	45.3	43.2	37.3	30.9	22.7	14.4	-2.8	-48.6	33.3
FF-CT-3	45.3	43.2	37.3	31	22.8	14.4	-2.7	-48.2	33.4
FF-CT-4	43.6	41.5	35.7	29.3	21.2	12.8	-4.2	-49.4	31.7
CC-CT-1	44.8	42	35.8	29.5	21.6	16.3	6	-24.3	32.1
CC-CT-2	44.7	42	35.8	29.4	21.6	16	5.6	-25.1	32.1
CC-CT-3	52	51.5	47.5	42.9	36.3	29.6	16.6	-17	44.2
CC-CT-4	49.3	48.9	45.2	40.9	34.7	28.3	15.7	-17.3	42.2
R6b	51.9	49.1	42.9	36.7	29.6	24.9	14.7	-14.2	39.4
FF-CT-1	43.8	41	34.8	28.4	20.4	15.3	4.4	-28.2	31
FF-CT-2	43.6	40.8	34.6	28.1	20.2	15	4	-29	30.8
FF-CT-3	43.5	40.7	34.5	28.1	20.2	15	4	-29.1	30.8

FF-CT-4	41.8	39	32.8	26.4	18.4	13.2	2.3	-30.3	29
CC-CT-1	41.1	38.2	31.9	26.8	22	17.6	8.1	-19.2	29.5
CC-CT-2	41.1	38.1	31.9	26.7	21.9	17.4	7.8	-19.8	29.3
CC-CT-3	44.6	41.8	35.7	29.3	21.5	16.9	7	-21.7	32
CC-CT-4	41.8	39	32.9	26.5	18.7	14.1	4.3	-24.2	29.2
R7b	45.4	42.3	36.3	31.6	26.4	21.3	8.9	-28	33.8
FF-CT-1	36.2	33.1	27.6	24	19	14.1	2.4	-33.1	25.7
FF-CT-2	36	33	27.5	23.9	18.9	13.9	2.1	-33.7	25.6
FF-CT-3	35.9	32.8	27.3	23.7	18.6	13.7	1.7	-34.7	25.4
FF-CT-4	34	31	25.4	21.8	16.8	11.8	0	-36.1	23.5
CC-CT-1	37.1	34.1	27.7	22.1	16.8	11.5	-2.1	-44.5	24.8
CC-CT-2	37.1	34.1	27.6	22.1	16.8	11.4	-2.2	-44.7	24.7
CC-CT-3	38	35	28.5	21.9	16.3	10.9	-3	-47.1	25.1
CC-CT-4	35	32	25.6	18.9	13.4	8	-6	-49.9	22.1
R8	45.3	42.3	35.9	29	22	15.5	-2.1	-58.9	32.1
FF-CT-1	36.7	33.7	27.1	20.3	13.4	7.3	-9.8	-65.5	23.4
FF-CT-2	36.6	33.6	27.1	20.2	13.3	7.1	-10.1	-66.2	23.3
FF-CT-3	36.6	33.5	27	20.1	13.2	7	-10.3	-67	23.3
FF-CT-4	34.7	31.6	25.1	18.2	11.2	5.1	-12.1	-68.3	21.4
CC-CT-1	35.1	31.9	25.4	18.7	12.9	6.7	-10.8	-68.4	21.9
CC-CT-2	35	31.9	25.3	18.7	12.9	6.7	-11	-68.8	21.9
CC-CT-3	36	33	26.4	19.4	12.6	6.3	-11.7	-70.7	22.6
CC-CT-4	38.3	35.7	29.5	22.7	14	4.7	-14.5	-73.3	25.4
R9	51.2	50.4	46.1	41.1	33.9	25.9	6.6	-51.3	42.5
FF-CT-1	46.8	46.2	42.1	37.3	30.2	22.3	3.1	-54.3	38.6
FF-CT-2	34.4	31.3	24.7	19.2	13.5	7.4	-9.5	-64.6	21.8
FF-CT-3	46.4	45.7	41.4	36.3	28.9	20.6	1	-57.6	37.7
FF-CT-4	44.6	44	39.7	34.8	27.6	19.5	0	-58.2	36.1
CC-CT-1	34.1	31	24.3	17.8	11.9	5.4	-13.4	-75.7	20.9
CC-CT-2	34.1	31	24.3	17.8	11.9	5.4	-13.5	-75.9	20.9
CC-CT-3	35.2	32.1	25.5	18.5	11.6	5	-14.3	-78.1	21.7
CC-CT-4	32.2	29.1	22.5	15.5	8.6	2	-17.2	-80.9	18.8
R10	46.2	43.3	36.9	30.4	22.4	16.3	0.7	-47.3	33.1
FF-CT-1	40.1	37.2	30.9	24.2	15.7	9.8	-5.1	-52.6	27
FF-CT-2	40.1	37.2	30.9	24.2	15.8	9.9	-5	-52.2	27
FF-CT-3	39.9	37	30.6	23.9	15.5	9.6	-5.5	-53.6	26.7
FF-CT-4	37.9	35	28.6	21.9	13.4	7.5	-7.6	-55.9	24.7
CC-CT-1	31.8	28.6	21.9	17	10.9	4.1	-16	-83.1	19.2
CC-CT-2	31.9	28.7	21.9	17	10.9	4.2	-15.9	-82.7	19.2
CC-CT-3	32.4	29.2	22.4	16.8	10.7	3.8	-16.6	-84.7	19.4
CC-CT-4	29.4	26.2	19.4	13.8	7.6	0.8	-19.7	-88.1	16.3
R11	47.8	45.4	39.2	32.5	23.7	14.5	-7.9	-72	35.1
FF-CT-1	41.8	39.5	33.3	26.6	17.8	8.3	-13.8	-77.3	29.2
FF-CT-2	41.9	39.6	33.4	26.7	17.9	8.5	-13.6	-76.9	29.3
FF-CT-3	41.7	39.4	33.2	26.5	17.7	8.2	-14	-78.1	29.2
FF-CT-4	39.6	37.3	31.1	24.4	15.5	6	-16.3	-80.5	27
CC-CT-1	30.9	27.6	20.7	14.4	7.8	0.1	-24.4	-107.6	17.3
CC-CT-2	32.2	28.9	22.1	14.7	7.9	0.2	-24.2	-107.2	18.3
CC-CT-3	33.4	30.2	23.3	16	7.6	-0.1	-24.8	-109	19.4
CC-CT-4	30.3	27.2	20.3	12.9	4.6	-3.2	-28	-112.5	16.3
R12	43.2	40.1	33.5	26.7	20.7	14.4	-3	-57.5	29.9
FF-CT-1	36.2	33.1	26.6	19.7	13.8	7.8	-8.9	-62.9	23
FF-CT-2	36.2	33.1	26.6	19.8	13.8	7.9	-8.7	-62.4	23
FF-CT-3	36	33	26.4	19.6	13.7	7.7	-9.1	-63.4	22.9
FF-CT-4	34	30.9	24.4	17.5	11.6	5.6	-11.3	-66	20.8
CC-CT-1	32.5	29.2	22.5	15.8	9.5	2.3	-19.6	-93.6	19
CC-CT-2	32.5	29.3	22.5	15.9	9.6	2.4	-19.5	-93.1	19

CC-CT-3	32.3	29.1	22.3	15.7	9.4	2.1	-20	-94.8	18.8
CC-CT-4	29.3	26.1	19.3	12.7	6.3	-0.9	-23.2	-98.3	15.8
R13	55.2	54.4	50	44.9	37.8	30.3	14.9	-27.6	46.4
FF-CT-1	49.4	48.6	44.2	39.1	31.9	24.4	8.9	-33.5	40.6
FF-CT-2	49.6	49	44.7	39.7	32.7	25.3	10.1	-32	41.2
FF-CT-3	49.5	48.8	44.5	39.6	32.6	25.2	9.7	-33	41
FF-CT-4	47	46	41.4	36	28.5	20.8	5.1	-38.1	37.6
CC-CT-1	35.4	32.3	25.7	18.8	12.5	6.2	-11.9	-71.4	22.1
CC-CT-2	35.5	32.4	25.8	18.8	12.6	6.3	-11.7	-70.8	22.1
CC-CT-3	36.3	33.3	26.7	19.8	12.4	6	-12.3	-72.5	22.9
CC-CT-4	33.6	30.5	24	17	9.3	2.9	-15.5	-76	20.1
R14	54.8	54.1	49.8	45	38	30.6	14.6	-30.3	46.3
FF-CT-1	48.8	48	43.6	38.5	31.3	23.6	7.4	-37.9	40
FF-CT-2	49.2	48.7	44.6	39.9	33.1	25.8	10	-34.7	41.2
FF-CT-3	49.2	48.6	44.5	39.9	33.1	25.8	9.9	-34.9	41.2
FF-CT-4	46.8	46	41.6	36.5	29.2	21.6	5.3	-40.2	37.9
CC-CT-1	36	33	26.4	19.4	12.6	6.3	-11.7	-70.8	22.6
CC-CT-2	35.8	32.7	26.1	19.2	12.7	6.4	-11.5	-70.1	22.4
CC-CT-3	35.9	32.8	26.3	19.3	12.6	6.3	-11.8	-71	22.5
CC-CT-4	33.1	30	23.5	16.5	9.5	3.1	-15	-74.7	19.7
R15	44.4	41.4	35.1	31	25.8	20.6	7.6	-31.5	33
FF-CT-1	37	33.9	27.5	23.1	18	12.9	0.4	-38.2	25.3
FF-CT-2	37.1	34	27.6	23.2	18.1	13	0.6	-37.5	25.4
FF-CT-3	37.2	34.1	27.7	23.4	18.3	13.2	1	-36.7	25.5
FF-CT-4	35	32	25.6	21.3	16.1	11.1	-1.3	-39.4	23.4
CC-CT-1	34.2	31.1	25.1	21.4	16	10.5	-3.8	-49	23.1
CC-CT-2	34.3	31.2	25.2	21.5	16.2	10.7	-3.5	-48.2	23.2
CC-CT-3	34.3	31.2	25.3	21.6	16.2	10.8	-3.4	-47.9	23.3
CC-CT-4	31.2	28.1	22.2	18.4	13.1	7.6	-6.7	-51.7	20.1
R16	52.5	51.6	47.2	42.2	34.8	26.7	7.3	-51	43.6
FF-CT-1	46.2	45.5	40.9	35.6	28	19.6	-0.2	-59.2	37.1
FF-CT-2	46.6	46	41.7	36.9	29.7	21.6	2.1	-56.3	38.2
FF-CT-3	46.7	46.1	41.8	37	29.8	21.8	2.4	-55.4	38.3
FF-CT-4	44.5	43.7	39.3	34.2	26.8	18.5	-1.1	-59.4	35.6
CC-CT-1	36.3	33.3	26.7	19.8	12.4	6.1	-12.1	-71.8	22.9
CC-CT-2	36.2	33.1	26.5	19.6	12.6	6.2	-11.8	-71	22.8
CC-CT-3	36.5	33.4	26.9	19.9	12.7	6.4	-11.5	-70.3	23.1
CC-CT-4	33.6	30.6	24	17.1	9.6	3.2	-14.8	-74	20.2
R17	53.6	53.1	49	44.3	37.4	29.5	8.3	-57.8	45.6
FF-CT-1	44.3	43.5	38.8	33.4	25.4	16.2	-7.1	-79.3	34.9
FF-CT-2	44.5	43.8	39.4	34.2	26.5	17.5	-5.6	-77.4	35.6
FF-CT-3	44.8	44.2	40	35	27.7	19.1	-3.6	-74.4	36.3
FF-CT-4	42.8	42.2	37.9	33	25.7	17.1	-5.6	-76.7	34.3
CC-CT-1	45.5	45	41	36.5	29.7	21.8	0.6	-65.9	37.7
CC-CT-2	45.6	45.2	41.3	36.9	30.4	22.9	2.2	-63.6	38.1
CC-CT-3	45.7	45.3	41.4	37.1	30.6	23.2	2.8	-62	38.3
CC-CT-4	42.7	42.3	38.4	34	27.4	19.9	-0.7	-65.9	35.2
R18	54.6	52.6	46.9	40.8	32.9	25.1	10.6	-26.7	43
FF-CT-1	41.5	38.8	32.5	25.8	17.4	9.7	-5.2	-52.9	28.5
FF-CT-2	41.5	38.7	32.4	25.8	17.4	9.7	-5.2	-52.9	28.5
FF-CT-3	41.8	39.1	32.8	26.2	17.8	10	-4.7	-51.4	28.8
FF-CT-4	39.8	37.1	30.8	24.2	15.8	8	-6.7	-53.4	26.9
CC-CT-1	48.1	46.2	40.6	34.4	26.6	18.8	4.1	-33.5	36.7
CC-CT-2	48.1	46.2	40.6	34.5	26.7	18.9	4.2	-33.1	36.7
CC-CT-3	48.6	46.8	41.2	35.1	27.4	19.7	5.4	-30.9	37.3
CC-CT-4	45.6	43.7	38.2	32.1	24.3	16.6	2.3	-34.3	34.3

R19	55.2	54.2	49.5	44.3	36.9	29.2	13.1	-31.4	45.9
FF-CT-1	42.1	39.7	33.5	26.8	18.2	9.2	-9.8	-65.5	29.4
FF-CT-2	42.1	39.6	33.4	26.8	18.1	9.1	-9.8	-65.5	29.4
FF-CT-3	42.4	40	33.8	27.1	18.6	9.6	-9.3	-64.1	29.8
FF-CT-4	40.4	38	31.8	25.2	16.6	7.6	-11.3	-66	27.8
CC-CT-1	48.7	47.9	43.4	38.1	30.8	23.1	6.8	-38.5	39.7
CC-CT-2	48.8	47.9	43.5	38.2	30.9	23.2	7	-38.1	39.8
CC-CT-3	49.2	48.4	44	39	31.8	24.2	8.5	-35.2	40.4
CC-CT-4	46.1	45.3	40.9	35.8	28.6	21	5.2	-38.6	37.3
R20	53.7	52.9	48.6	43.7	36.8	29.1	10	-47.9	45.1
FF-CT-1	42.9	41.4	35.9	29.6	20.8	11	-13.7	-89.9	31.8
FF-CT-2	42.8	41.3	35.8	29.4	20.6	10.7	-13.9	-90.3	31.6
FF-CT-3	43	41.6	36.2	29.9	21.2	11.4	-13.1	-88.5	32
FF-CT-4	41.1	39.7	34.3	28.1	19.4	9.6	-14.8	-90.1	30.2
CC-CT-1	46.5	45.9	41.8	37	29.8	21.8	2.2	-57	38.2
CC-CT-2	46.5	45.9	41.8	36.9	29.8	21.8	2.2	-57	38.2
CC-CT-3	46.9	46.5	42.7	38.4	32	24.8	6.3	-50.9	39.6
CC-CT-4	43.9	43.5	39.7	35.4	29	21.9	3.3	-53.9	36.6
R21	53.6	52.9	48.5	43.7	36.6	28.8	9.3	-49.9	45
FF-CT-1	43	41.8	36.6	30.5	21.9	12	-13.2	-91.7	32.5
FF-CT-2	42.9	41.6	36.3	30.2	21.5	11.5	-13.7	-92.5	32.2
FF-CT-3	43.1	41.9	36.7	30.6	22	12.2	-12.8	-90.6	32.6
FF-CT-4	41.2	40.1	35	29	20.4	10.6	-14.3	-92	30.9
CC-CT-1	46.3	45.7	41.5	36.7	29.6	21.5	1.5	-58.9	38
CC-CT-2	46.3	45.7	41.5	36.7	29.5	21.5	1.5	-59.1	38
CC-CT-3	46.7	46.3	42.5	38.1	31.7	24.5	5.6	-53	39.3
CC-CT-4	43.7	43.3	39.5	35.2	28.8	21.5	2.7	-55.8	36.4
R22	55	54.4	50.3	45.5	38.6	31	13.4	-37.7	46.8
FF-CT-1	44.2	43.3	38.4	32.8	24.6	15.3	-8	-79.8	34.4
FF-CT-2	44.2	43.2	38.4	32.7	24.5	15.2	-8.2	-80.3	34.4
FF-CT-3	44.5	43.7	39.1	33.7	25.8	16.7	-6.4	-77.7	35.2
FF-CT-4	42.5	41.7	37.1	31.7	23.8	14.8	-8.2	-79.2	33.3
CC-CT-1	47.9	47.5	43.6	39.2	32.6	25.4	8.1	-43.2	40.4
CC-CT-2	47.7	47.2	43.1	38.4	31.5	23.9	6.2	-45.7	39.7
CC-CT-3	48.1	47.6	43.7	39.3	32.7	25.5	8.3	-42.3	40.5
CC-CT-4	45.1	44.7	40.8	36.4	29.9	22.7	5.6	-44.6	37.6
R23	56	55.3	51.2	46.6	40.1	33.1	17.1	-29	48
FF-CT-1	45.1	43.9	38.8	32.9	24.7	15.7	-5.2	-67.7	34.8
FF-CT-2	44.9	43.6	38.4	32.5	24.2	15.2	-5.9	-68.8	34.4
FF-CT-3	45	43.7	38.5	32.5	24.2	15.2	-5.8	-68.4	34.4
FF-CT-4	43.1	41.9	36.8	30.9	22.7	13.8	-7.1	-69.2	32.8
CC-CT-1	49.1	48.8	45	40.8	34.7	28.1	12.5	-33.2	42.1
CC-CT-2	48.9	48.5	44.6	40.2	33.7	26.7	10.6	-35.8	41.4
CC-CT-3	48.9	48.5	44.6	40.2	33.8	26.7	10.7	-35.6	41.5
CC-CT-4	46.1	45.8	42	37.9	31.7	25.1	9.5	-36	39.1
R24	51.3	49.2	43.6	37.4	29.3	21.2	4.9	-39.7	39.6
FF-CT-1	37.1	34.1	27.6	20.7	13.8	7.8	-8.8	-62.6	23.9
FF-CT-2	37.1	34	27.5	20.7	13.7	7.7	-9	-63.4	23.8
FF-CT-3	45.7	44.3	39.1	33.1	25	16.3	-3.3	-60.4	35.1
FF-CT-4	43.9	42.6	37.5	31.6	23.5	14.8	-4.6	-61.2	33.5
CC-CT-1	42.4	39.7	33.5	26.9	18.7	11.5	-2.1	-44.6	29.6
CC-CT-2	42.5	39.8	33.6	27	18.7	11.3	-2.4	-45.3	29.6
CC-CT-3	42.4	39.7	33.5	26.9	18.7	11.1	-2.7	-46.1	29.6
CC-CT-4	39.4	36.7	30.5	23.9	15.7	8.3	-5.4	-48.3	26.6
R25	48.3	45.6	39.2	32.5	24.4	16.7	0.5	-50.4	35.3
FF-CT-1	36.8	33.7	27.2	20.3	13.3	7.2	-10	-66.1	23.4
FF-CT-2	36.7	33.6	27.1	20.2	13.2	7	-10.3	-66.9	23.4

FF-CT-3	36.7	33.7	27.1	20.2	13.1	7	-10.4	-67.1	23.4
FF-CT-4	34.8	31.7	25.2	18.3	11.2	5.1	-12.1	-68.4	21.4
CC-CT-1	41.6	38.9	32.7	26	17.6	9.2	-6.1	-55.4	28.7
CC-CT-2	41.7	39.1	32.8	26.1	17.7	9.1	-6.4	-56.1	28.8
CC-CT-3	41.6	39	32.7	26	17.5	8.8	-6.9	-57.3	28.7
CC-CT-4	38.5	35.9	29.6	22.9	14.4	6	-9.6	-59.7	25.6
R26	63.2	61.6	56.5	51	44	37.6	28.7	11.9	53
FF-CT-1	42.6	39.7	33.5	27	19.9	15.1	4.1	-28.8	29.8
FF-CT-2	42.4	39.5	33.2	26.8	19.8	15	4	-29.2	29.6
FF-CT-3	42.7	39.8	33.5	27.1	20.1	15.4	4.5	-27.7	29.9
FF-CT-4	40.9	38	31.8	25.4	18.2	13.5	2.7	-29.4	28.2
CC-CT-1	56.1	54.2	48.7	42.9	35.7	29.1	19.8	3.3	45.1
CC-CT-2	56.2	54.2	48.8	42.9	35.7	29.1	19.8	3.4	45.1
CC-CT-3	59	57.8	52.9	47.5	40.7	34.3	25.5	8.7	49.4
CC-CT-4	56	54.8	49.9	44.5	37.7	31.3	22.5	5.7	46.4
NokiaTheater	45.3	42.2	38.2	34.8	30	25.6	16.5	-7.7	36.4
FF-CT-1	38.2	35.1	31.8	28.4	23.7	19.5	11	-12.6	30
FF-CT-2	38.6	35.5	31.8	28.4	23.7	19.5	11	-12.6	30.1
FF-CT-3	38.2	35.1	31.4	28	23.3	19	10.3	-14.3	29.6
FF-CT-4	35.7	32.7	29.4	26	21.3	17	8.3	-16.3	27.6
CC-CT-1	34.4	31.3	26.1	22.4	17.1	11.9	-1.4	-42.7	24
CC-CT-2	34.5	31.4	26.1	22.4	17.2	11.9	-1.3	-42.4	24
CC-CT-3	34.3	31.2	25.8	22.1	16.8	11.4	-2.1	-44.7	23.7
CC-CT-4	31.3	28.2	22.7	19	13.7	8.4	-5.2	-47.9	20.7
Ritz-Flr1	45.5	42.5	36.1	32.2	27.2	22.3	11.3	-20.1	34.2
FF-CT-1	38.6	35.6	29.3	25.6	20.7	16	5.6	-25.1	27.6
FF-CT-2	39	36	29.7	25.6	20.7	16	5.6	-25.1	27.7
FF-CT-3	38.7	35.6	29.3	25.3	20.3	15.6	5	-26.7	27.4
FF-CT-4	36.3	33.3	27	23.3	18.3	13.6	3	-28.7	25.2
CC-CT-1	33.9	30.8	24.6	20.8	15.3	9.7	-5.3	-53.2	22.5
CC-CT-2	34	30.8	24.6	20.8	15.3	9.7	-5.2	-52.9	22.6
CC-CT-3	33.9	30.7	24.3	20.5	15	9.3	-6.1	-55.2	22.3
CC-CT-4	30.9	27.7	21.3	17.5	11.9	6.2	-9.2	-58.5	19.2
Ritz-Flr27	58.5	58.2	54.6	51	46	41.2	30.5	-1.3	52.5
FF-CT-1	52.4	52.2	48.9	45.3	40.3	35.5	24.6	-7.2	46.7
FF-CT-2	52.4	52.3	48.9	45.4	40.5	35.8	25.3	-5.9	46.9
FF-CT-3	52.1	52	48.6	45.1	40.2	35.4	24.7	-7.4	46.6
FF-CT-4	50.1	50	46.6	43.1	38.2	33.4	22.7	-9.4	44.6
CC-CT-1	42.4	39.8	33.6	27	18.6	9.9	-5.6	-54	29.6
CC-CT-2	42.4	39.8	33.6	27	18.6	9.9	-5.5	-53.7	29.6
CC-CT-3	46.2	44.7	39.4	33.4	25.3	16.8	-1.6	-54.2	35.4
CC-CT-4	43.2	41.7	36.4	30.4	22.3	13.8	-4.6	-57.3	32.4
Ritz-Flr54	58.7	58.5	55	51.4	46.3	41.2	29.4	-4.9	52.8
FF-CT-1	51.7	51.5	48.2	44.6	39.6	34.8	23.6	-9.9	46
FF-CT-2	51.7	51.5	48.2	44.6	39.6	34.8	23.6	-9.9	46
FF-CT-3	51.4	51.3	47.9	44.4	39.3	34.5	23.1	-11.3	45.8
FF-CT-4	49.4	49.3	45.9	42.4	37.3	32.5	21.1	-13.3	43.8
CC-CT-1	47.9	47.7	44.1	40.3	34.7	29	13.4	-36.7	41.5
CC-CT-2	47.9	47.7	44.1	40.3	34.8	29	13.4	-36.5	41.6
CC-CT-3	47.7	47.4	43.8	40	34.4	28.6	12.6	-38.7	41.3
CC-CT-4	44.7	44.4	40.8	37	31.4	25.5	9.6	-41.9	38.2
R6	54	51.7	45.8	39.4	31.4	23.9	10.6	-24.5	41.8
FF-CT-1	46.5	44.4	38.6	32.3	24.3	16.2	0.3	-41.1	34.7
FF-CT-2	46.2	44.1	38.3	32	24	15.8	-0.2	-41.9	34.4
FF-CT-3	46.2	44.1	38.3	32	23.9	15.8	-0.3	-42	34.3
FF-CT-4	44.4	42.4	36.6	30.3	22.3	14.2	-1.8	-43.2	32.6
CC-CT-1	44.4	41.7	35.6	29.1	21.2	15	3.9	-29.4	31.7

CC-CT-2	44.3	41.6	35.5	29	21.1	14.8	3.6	-30	31.7
CC-CT-3	44.2	41.5	35.3	28.9	20.9	14.4	3	-31.5	31.5
CC-CT-4	41.3	38.6	32.4	26	18	11.6	0.3	-33.9	28.6
R7	45.3	42.3	36.3	31.6	26.4	21.3	8.9	-28	33.8
FF-CT-1	36.1	33	27.6	24	19	14.1	2.4	-33.1	25.7
FF-CT-2	36	32.9	27.5	23.9	18.9	13.9	2.1	-33.7	25.6
FF-CT-3	35.8	32.8	27.3	23.7	18.6	13.7	1.7	-34.7	25.4
FF-CT-4	34	30.9	25.4	21.8	16.8	11.8	0	-36.2	23.5
CC-CT-1	37.1	34.1	27.6	22.1	16.8	11.5	-2.1	-44.5	24.8
CC-CT-2	37.1	34.1	27.6	22.1	16.8	11.4	-2.2	-44.7	24.7
CC-CT-3	38	34.9	28.5	21.8	16.3	10.9	-3	-47.1	25.1
CC-CT-4	35	32	25.5	18.9	13.4	8	-6	-49.9	22.1
R6c	45.9	42.9	36.5	29.9	23.8	17.8	2.4	-46.7	32.9
FF-CT-1	36.9	33.8	27.4	20.7	15.2	9.6	-5.5	-53.6	24
FF-CT-2	36.8	33.7	27.2	20.6	15.1	9.5	-5.7	-54.2	23.8
FF-CT-3	36.7	33.7	27.2	20.5	15	9.3	-6	-55	23.8
FF-CT-4	34.8	31.8	25.3	18.6	13.1	7.4	-7.7	-56.3	21.9
CC-CT-1	36.3	33.2	26.7	20.4	14.9	9.2	-6.2	-55.5	23.4
CC-CT-2	36.2	33.2	26.7	20.4	14.9	9.1	-6.3	-55.9	23.4
CC-CT-3	37.1	34.1	27.6	20.8	14.5	8.7	-7.1	-57.9	24
CC-CT-4	38.8	36.2	29.9	23.3	14.8	6	-9.9	-60.5	25.9

Outdoor Noise Prediction Model, Version 2.0 (Sean K. Bui), January 1, 2006

Client: Matrix Environmental
 Description: LA Convention Modernization & Farmers Field
 AES Job No: 2011113
 Consultant: skb
 Date: 9/13/2011
 Source: Exhaust Fans

Description	63	125	250	500	1000	2000	4000	8000 dBA	
R1	39.5	32.1	21.8	14.9	8.5	2.3	-11.1	-45.4	20.3
EF-1	3	0.9	11	-3.6	-8.6	-11.4	-23.7	-53.9	3.5
EF-2	4.6	2.5	10.6	-4	-9.1	-12	-24.7	-56.3	3.1
EF-3	9.6	7.7	15.4	-2.1	-9.8	-12.8	-26.1	-59.9	7.4
EF-4	35.4	25.5	15.3	9.9	2.9	-5.2	-18.4	-53	14.6
EF-5	22.4	21.3	5	2.5	-1.7	-7.7	-22.9	-61.3	7.7
EF-6	1.4	-0.7	9.1	-5.5	-10.8	-14	-28.2	-65.1	1.5
EF-7	27.8	15.7	5.8	3.2	-1.8	-8.7	-21.2	-56	6.8
EF-8	32.9	21.1	10.8	5.3	-2.9	-10	-23.4	-61.6	10.7
EF-9	27	14.9	5.1	2.5	-2.7	-9.7	-22.9	-60.3	6
EF-10	28	15.9	5.9	3.4	-1.6	-8.5	-20.9	-55.2	6.9
EF-11	29.2	17.2	6.9	3.6	-1.4	-8.2	-20.5	-54.2	7.8
EF-12	29	29.2	13	7.5	-0.5	-4.3	-19.6	-53.4	14.6
R2	50.2	42.6	31.1	24.9	18	11	2.1	-14.9	30.4
EF-1	11.6	9.7	17.5	0.1	-5.5	-7.9	-18.1	-40.3	9.5
EF-2	12.7	10.9	18.7	1.4	-4.4	-6.6	-16.2	-36.1	10.8
EF-3	14.7	12.9	20.8	3.5	-2.8	-4.8	-13.6	-30.4	12.8
EF-4	40.1	30.3	20.2	15	8.8	1.8	-7.7	-28.4	19.5
EF-5	40.1	39.6	23.8	18.8	12.5	4.8	-4.6	-20.3	25.3
EF-6	10.3	8.3	16.1	-1.3	-6.6	-9.1	-20.1	-45	8.2
EF-7	36.8	25	14.9	9.6	3.2	-3	-12.3	-35	14.9
EF-8	39.9	28.2	18.2	13	5.5	-0.6	-8.8	-27.6	18
EF-9	44.5	33.1	23.2	18.2	10.8	2.1	-5.4	-20.8	22.8
EF-10	44.2	32.7	22.9	17.8	10.5	1.8	-5.9	-21.8	22.5
EF-11	41.3	29.6	19.6	14.5	7	0.1	-7.9	-25.8	19.4
EF-12	32.8	33	16.9	11.7	5	1.9	-10	-31.1	18.6
R3	51.3	44.4	34.7	29.9	23.8	16	4.1	-22.4	33.4
EF-1	14	12.5	20.5	3.1	-4.8	-10.5	-23.3	-52.8	12.4
EF-2	15.8	14.5	22.6	5.4	-2.4	-8	-21.4	-48.1	14.5
EF-3	17.9	16.8	25.1	8	0.4	-5	-18.3	-41.4	17
EF-4	40.2	30.8	20.9	15.7	9	-1.5	-14.4	-43.4	19.9
EF-5	40	40.7	25.7	21.2	15	7.2	-6.9	-33	26.7
EF-6	9.3	7.4	15.1	-2.3	-8.3	-11.1	-23.2	-52.5	7.2
EF-7	40.2	29.2	19.5	14.4	6.7	-2.8	-16.9	-47.9	18.8
EF-8	45.5	36.3	28.8	26.1	20.8	13.5	2.1	-24.8	28.1
EF-9	45.9	36.2	28.1	24.3	17.8	9.3	-2.6	-28.2	26.9
EF-10	42.1	31.1	21.5	16.5	8.9	-0.3	-13.1	-38.9	20.8
EF-11	40	28.7	18.8	13.6	6	-3.3	-15.3	-41.9	18.4
EF-12	34.1	34.7	18.8	13.6	5.9	-0.6	-16.2	-45.2	20.2
R4	44.3	36.1	28.9	18.9	11.2	3.2	-10.2	-37	25.1
EF-1	13.4	11.8	19.7	2.3	-5.6	-10.4	-22.1	-49.7	11.6
EF-2	12.8	11.1	19	1.6	-6.3	-10.4	-22.1	-49.8	10.9
EF-3	14.2	12.7	20.7	3.3	-4.5	-10.2	-22.5	-50.8	12.6
EF-4	35.6	25.9	15.7	10.3	3.2	-6.2	-20	-57.1	14.9
EF-5	31	30.4	14.4	8.9	1.9	-7.1	-23.1	-61.7	16
EF-6	17.2	15.8	23.9	6.7	-0.9	-6.2	-17.1	-38.2	15.8
EF-7	35.7	24.1	13.9	8.5	0.6	-8	-20	-53.1	13.7
EF-8	38.1	26.8	17	11.7	3.8	-5.9	-20.4	-54.1	16.4
EF-9	36.8	25.4	15.4	10	2	-7.9	-22.7	-59.7	15
EF-10	34.8	23.1	12.9	7.5	-0.6	-10.2	-23.7	-62.5	12.7
EF-11	34.7	23	12.8	7.3	-0.7	-9.7	-22.9	-60.4	12.6

EF-12	29.9	30.2	14	8.6	0.6	-4.7	-20.2	-55	15.6
R5	43.8	36	30.2	19.1	11.2	2.7	-13.2	-46.7	25.5
EF-1	15.5	14.4	22.7	5.5	-2.4	-8.2	-23.9	-56.1	14.6
EF-2	14.4	13.1	21.2	3.8	-4.1	-10.1	-25.6	-58.5	13.1
EF-3	12.9	11.5	19.4	2	-6.1	-12.2	-27.2	-62.5	11.3
EF-4	36.4	27	16.9	11.4	4.3	-7	-23.6	-66.3	15.9
EF-5	28.7	28	11.8	6.2	-1.1	-10.5	-27.9	-74.5	13.5
EF-6	18.2	17.6	26.3	9.4	1.8	-3.6	-18.1	-48.2	18.2
EF-7	37.3	26.1	16.2	10.9	2.9	-7.1	-23.5	-61.8	15.7
EF-8	35.6	24.2	14.1	8.6	0.5	-9.7	-25.4	-66.7	13.7
EF-9	34.2	22.7	12.5	7	-1.3	-11.7	-27.5	-72.4	12.2
EF-10	34.2	22.6	12.5	6.9	-1.4	-11.8	-27.8	-73.1	12.2
EF-11	34.9	23.4	13.3	7.8	-0.4	-10.8	-26.7	-70.3	13
EF-12	31.1	31.7	15.7	10.3	2.2	-4.9	-23.7	-63.8	17.2
R6b	42.9	34.8	28.4	17.6	10.2	4.4	-7.4	-31.8	24.1
EF-1	15.2	13.5	21.5	4.2	-3.5	-6.8	-16.5	-36.7	13.4
EF-2	13.8	12.1	20	2.6	-5.1	-8.1	-18.4	-41.1	11.9
EF-3	12.1	10.3	18.1	0.7	-7.1	-9.8	-21.1	-47.4	10.1
EF-4	35.7	25.9	15.7	10.3	3.6	-4	-16.4	-48.2	15
EF-5	27.7	26.9	10.6	5.1	-1.2	-7.2	-22	-59	12.4
EF-6	16.9	15.3	23.4	6.2	-1.4	-6.6	-16.1	-35.9	15.3
EF-7	36.4	24.7	14.5	9.2	1.4	-5.6	-16.3	-44	14.4
EF-8	34.4	22.6	12.4	7	-1	-7.7	-19.5	-51.9	12.3
EF-9	33.1	21.3	11	5.5	-2	-8.9	-21.5	-56.9	11
EF-10	33.3	21.4	11.1	5.7	-1.8	-8.6	-21.1	-55.7	11.1
EF-11	34	22.2	12	6.5	-1.1	-7.8	-19.7	-52.4	11.9
EF-12	30.4	30.6	14.5	9.1	1.3	-2.3	-16.4	-45.7	16.1
R7b	34.8	26.5	20.1	12.5	7.7	1.6	-12.2	-46.1	16.9
EF-1	3.9	1.8	11.7	-2.9	-7.8	-10.5	-22.2	-50.2	4.2
EF-2	4.7	2.6	10.8	-3.7	-8.8	-11.6	-24.1	-54.7	3.3
EF-3	3.5	1.4	9.8	-4.8	-10	-13.1	-26.5	-60.9	2.3
EF-4	27.8	17.7	8.4	5.8	1.8	-6.2	-20	-57.1	8.8
EF-5	20.3	19.1	3.9	1.2	-3	-9.3	-25.7	-68.5	5.9
EF-6	9.9	8	15.7	-1.8	-9.3	-12.3	-25.2	-57.5	7.7
EF-7	27.5	15.4	5.8	3.2	-1.8	-8.7	-21.2	-56.1	6.6
EF-8	26.1	14	4.4	1.7	-3.5	-10.7	-24.6	-64.6	5.1
EF-9	25.5	13.4	4	1.4	-3.9	-11.2	-25.4	-66.8	4.6
EF-10	25.9	13.8	4.6	2	-3.2	-10.3	-24	-63.1	5.1
EF-11	26.4	14.3	5.1	2.5	-2.7	-9.7	-22.9	-60.3	5.6
EF-12	22.1	22	6.7	4.1	-1	-4.9	-20.5	-55.8	8.7
R8	34.2	25.7	24.9	10.9	4.5	-2.4	-21.8	-74	18.3
EF-1	0.8	-1.4	7	-7.8	-13.3	-17.1	-33.8	-80.1	-0.6
EF-2	2.5	0.4	7.8	-8.4	-14	-18	-35.4	-84.5	0
EF-3	3.1	1	8.4	-9.2	-14.9	-19.1	-37.6	-90.6	0.4
EF-4	25.1	15	4.4	1.1	-3.6	-12.7	-31.8	-88.4	4.8
EF-5	20.7	19.6	3	-3	-7.9	-15.4	-37	-99.5	5.1
EF-6	14.7	14.9	24.3	8	0.4	-5.9	-25.9	-77.4	16.3
EF-7	25.5	13.4	2.8	-1.5	-7.2	-15.1	-32.7	-86.4	3.5
EF-8	26.4	14.3	3.7	-2.2	-8.4	-16.7	-35.6	-94.5	4
EF-9	26.1	14	3.4	-2.6	-8.8	-17.2	-36.7	-97.7	3.6
EF-10	26.3	14.3	3.7	-2.3	-8.4	-16.7	-35.7	-94.8	3.9
EF-11	26.6	14.5	4	-1.9	-8	-16.2	-34.7	-91.9	4.2
EF-12	19.5	19.3	2.7	-0.7	-6.4	-11.4	-32.2	-86.7	5.2
R9	35.8	26.5	24.6	11.4	4.5	-2.7	-22.5	-76.9	18.5
EF-1	-0.2	-2.4	6.7	-8.1	-13.7	-17.6	-34.7	-82.7	-0.9
EF-2	1.8	-0.4	7	-8.7	-14.4	-18.4	-36.2	-86.8	-0.7
EF-3	2.7	0.6	8	-9.4	-15.2	-19.5	-38.3	-92.6	0
EF-4	27.9	17.9	7.3	1.4	-3.7	-12.8	-31.9	-88.7	6.9

EF-5	21.1	20	3.3	-2.7	-7.9	-15.4	-37	-99.4	5.4
EF-6	14.2	14.5	23.9	7.7	0.1	-6.4	-27.2	-82.2	15.9
EF-7	24.8	12.6	2.1	-1.7	-7.4	-15.5	-33.3	-88.1	2.9
EF-8	26.2	14.1	3.5	-2.4	-8.6	-16.9	-36.1	-96	3.8
EF-9	26.3	14.2	3.6	-2.4	-8.8	-17.3	-36.8	-97.8	3.8
EF-10	31.3	19.6	9.2	3.4	-5.4	-16.6	-35.4	-94	9
EF-11	26.8	14.8	4.2	-1.7	-7.9	-16.1	-34.6	-91.6	4.4
EF-12	18.6	18.5	2.1	-0.8	-6.5	-11.6	-32.5	-87.6	4.5
R10	37.8	29.2	18.8	11.1	3.6	-3.6	-21.6	-73.3	17.3
EF-1	-0.4	-2.6	6.3	-8.5	-14.2	-18.2	-35.8	-85.7	-1.3
EF-2	1.7	-0.4	7	-8.7	-14.3	-18.4	-36.1	-86.6	-0.8
EF-3	6.1	4.1	11.6	-6.2	-14.5	-18.6	-36.6	-87.9	3.5
EF-4	31	21.1	10.7	4.9	-2.5	-11.3	-29.1	-81.1	10
EF-5	25.1	24.2	7.8	2	-5.6	-12.8	-32	-85.6	9.6
EF-6	2.9	0.8	8.1	-9.8	-15.8	-20.2	-39.7	-96.5	0.1
EF-7	27.4	15.4	4.8	-1	-7.1	-15	-32.5	-85.7	5.1
EF-8	29.1	17.1	6.6	0.8	-7.5	-15.5	-33.4	-88.4	6.7
EF-9	29.8	17.8	7.4	1.6	-6.9	-14.9	-32.2	-85	7.4
EF-10	30	18	7.6	1.9	-6.2	-14	-30.5	-80.5	7.6
EF-11	30.1	18.1	7.7	2	-6.3	-14.1	-30.7	-81	7.7
EF-12	21.9	21.8	5.2	-0.1	-5.7	-10.6	-30.6	-82.5	7.3
R11	39.2	32.4	20.4	13.6	5.2	-5.6	-29.3	-97.5	19.6
EF-1	-2.5	-4.8	3.6	-11.6	-17.8	-22.8	-44.8	-111.3	-4.2
EF-2	-0.1	-2.4	4.9	-11.6	-17.9	-22.8	-44.9	-111.6	-3
EF-3	6.6	4.8	12.3	-5.7	-14.9	-22.8	-45.1	-112.3	4.2
EF-4	30.7	20.9	10.5	4.5	-3.5	-15.8	-37.9	-105.8	9.7
EF-5	28.8	29	13.3	7.7	0	-10.7	-36.9	-108.4	14.5
EF-6	1.4	-0.8	6.4	-11.8	-19.1	-24.5	-48.3	-121.6	-1.7
EF-7	25.4	13.3	2.6	-3.5	-10.6	-19.5	-41.3	-110.7	2.8
EF-8	30.1	18.4	7.9	1.9	-7.2	-19.1	-41.8	-112.3	7.8
EF-9	33.9	23.2	13.5	8	-0.8	-12.4	-36.7	-107.6	12.6
EF-10	31	19.3	8.9	3	-5.9	-17.5	-39.1	-104.4	8.7
EF-11	29.4	17.6	7.1	1.1	-7.9	-18.6	-39.4	-105.3	7
EF-12	25.2	25.5	9	3.1	-6	-14.8	-39.4	-107.3	10.7
R12	34.6	26.1	16.1	7.6	2.1	-5.4	-25.1	-82.9	14.4
EF-1	-0.9	-3.1	4.9	-10.1	-16.1	-20.5	-40.3	-98.3	-2.8
EF-2	2.6	0.4	7.8	-10.1	-16	-20.5	-40.2	-98	-0.2
EF-3	2.5	0.4	7.8	-10	-16	-20.4	-40.1	-97.7	-0.2
EF-4	27.3	17.2	6.6	0.7	-4.1	-13.3	-32.9	-91.4	6.3
EF-5	21.1	19.9	3.4	-2.2	-7	-14.2	-34.8	-93.2	5.5
EF-6	1.7	-0.4	6.9	-11.2	-17.4	-22.3	-43.8	-108.3	-1.2
EF-7	25.9	13.8	3.2	-2.7	-8.7	-17.1	-36.5	-96.9	3.5
EF-8	25.6	13.5	2.9	-2.9	-8.8	-17.2	-36.6	-97.3	3.2
EF-9	26	13.9	3.3	-2.3	-8.1	-16.4	-35	-92.9	3.7
EF-10	26.5	14.4	3.9	-1.9	-7.6	-15.7	-33.7	-89.2	4.2
EF-11	26.5	14.4	3.8	-2	-7.8	-15.9	-34.2	-90.5	4.1
EF-12	21.2	21.1	4.5	-1.5	-7.3	-12.6	-34.5	-93.3	6.5
R13	46.4	39.5	29.6	24.7	17.9	8.8	-8.7	-53.5	28.2
EF-1	1.5	-0.6	7.5	-7.3	-12.7	-16.4	-32.4	-76.4	-0.1
EF-2	7.2	5.2	12.8	-4.9	-12.6	-16.2	-32.1	-75.7	4.7
EF-3	13.5	12.6	20.8	3.5	-4.7	-11.2	-29.9	-74.9	12.7
EF-4	33.4	23.6	13.3	7.7	0.4	-8.8	-24.5	-68.6	12.5
EF-5	34.9	36.2	21.9	17.9	11.8	3.2	-15.9	-62.3	22.5
EF-6	5.8	3.8	11.3	-6.5	-14.3	-18.3	-36	-86.3	3.2
EF-7	30.9	18.9	8.6	2.9	-5.2	-12.8	-28.3	-74.5	8.5
EF-8	38	27.6	18.4	13.5	5.6	-4.7	-23.1	-72.1	17.3
EF-9	40	30.5	22.4	18.8	12.1	2.8	-14.3	-60	21.1
EF-10	40.4	30.9	22.8	19.1	12.4	3.1	-13.4	-56.9	21.5
EF-11	39.4	29.3	20.4	15.8	8.1	-1.8	-19	-63.7	19.1

EF-12	28.2	28.5	12.3	6.7	-1.6	-8.2	-26.3	-70.7	13.9
R14	47.8	41.7	32.4	27.7	21.7	13.6	-2.7	-46.2	30.8
EF-1	9.1	7.3	15	-2.7	-11.2	-17.5	-34.4	-81.9	6.9
EF-2	13.4	12.6	21	3.7	-4.5	-11.1	-30.6	-79.4	12.9
EF-3	14.4	13.9	22.5	5.5	-2.6	-9	-27.9	-74.5	14.4
EF-4	39.7	31.5	22.5	17.9	11.1	0	-19.1	-68.1	21
EF-5	35.5	37.2	23.4	20.3	15.3	7.8	-10.3	-55.3	24.1
EF-6	11.7	10.7	18.8	1.3	-7.2	-14.2	-35.3	-88.9	10.6
EF-7	37.6	27.2	18	13.1	5.1	-5.3	-24.4	-75.8	16.9
EF-8	39	29.2	20.6	16.4	9	-0.9	-19.1	-67.9	19.3
EF-9	40.4	31.1	23.5	20.6	14.9	6.9	-8.9	-53	22.6
EF-10	40.6	31.4	23.9	21.2	15.9	8.4	-6.2	-48.4	23.2
EF-11	39.9	30.3	22.2	18.5	11.7	2.3	-14.9	-60.8	20.9
EF-12	33	34.6	19.4	14.5	6.6	-0.7	-22.2	-71.8	20.3
R15	36.4	28	18	12.5	7.7	1.4	-12.5	-48.4	17.1
EF-1	2.9	0.8	8.3	-6.5	-11.9	-15.4	-30.6	-71.5	0.7
EF-2	3.5	1.4	8.9	-5.9	-11.2	-14.5	-29	-67.2	1.4
EF-3	4.3	2.3	9.9	-4.9	-10	-13.1	-26.6	-61.2	2.3
EF-4	28.5	18.4	8	5.1	0.9	-7.2	-21.8	-61.7	8.6
EF-5	24	23	6.7	3.8	-0.2	-6	-20	-54.2	9.3
EF-6	2.5	0.4	8	-6.7	-12.1	-15.6	-31	-72.7	0.5
EF-7	26.8	14.7	4.2	1.4	-3.9	-11.1	-25.4	-66.7	5.3
EF-8	27.9	15.9	5.5	2.7	-2.4	-9.3	-22.3	-58.7	6.6
EF-9	28.9	16.8	6.5	3.6	-1.4	-8.2	-20.5	-54.2	7.5
EF-10	28.6	16.6	6.2	3.1	-2	-8.8	-21.5	-56.7	7.2
EF-11	28	16	5.6	2.5	-2.6	-9.6	-22.7	-59.9	6.6
EF-12	22.1	22	5.6	2.7	-2.5	-6.7	-23.6	-63.7	8.2
R16	45.4	38.9	29.7	22.9	15.3	5.2	-15.8	-71.3	27.3
EF-1	11.8	11.1	19.4	2	-6.5	-13.8	-36.4	-97.2	11.3
EF-2	12.4	11.7	20.2	2.9	-5.5	-12.6	-34.5	-92.5	12.1
EF-3	13.3	12.8	21.4	4.3	-4	-10.8	-31.6	-85.7	13.3
EF-4	37.5	29.1	20	15	7.8	-4	-26	-86	18.4
EF-5	32.9	33.9	19.1	14.6	7.8	-1.5	-22.9	-77	19.9
EF-6	9.4	7.9	15.7	-2.1	-10.8	-18.2	-40	-97.5	7.6
EF-7	35.8	25.4	16	10.9	2.6	-8.4	-30.1	-91.3	14.9
EF-8	37.1	26.8	17.7	12.9	4.8	-5.8	-26	-82.1	16.5
EF-9	37.9	27.9	19.2	14.7	7	-3.3	-22.8	-76.5	17.9
EF-10	37.6	27.6	18.9	14.4	6.7	-3.7	-23.7	-79.2	17.6
EF-11	37.1	26.9	18	13.3	5.3	-5.3	-25.8	-83.2	16.7
EF-12	31.1	32.7	17.4	12.3	4	-3.9	-28.2	-88.4	18.3
R17	42.1	34.5	25.2	18.8	11.6	1.9	-20.2	-86.9	23.2
EF-1	7.8	6.2	13.9	-4.1	-13.2	-21.2	-45.5	-113.3	5.7
EF-2	8.3	6.8	14.5	-3.4	-12.5	-20.3	-44.1	-109.1	6.3
EF-3	9	7.6	15.3	-2.5	-11.4	-19	-42.1	-103.3	7.2
EF-4	33.3	24	13.9	8.1	0.1	-12.6	-37.9	-107.3	12.8
EF-5	29.2	29.3	13.5	8	0.4	-10	-34.8	-101	14.8
EF-6	9.3	8	15.8	-2	-10.9	-18.7	-43.2	-108.6	7.7
EF-7	31.6	20.2	9.9	4.1	-5	-16.8	-40.9	-109.8	9.5
EF-8	33.1	21.9	11.8	6.2	-2.6	-14.1	-37.3	-101.9	11.3
EF-9	34.4	23.6	13.8	8.3	-0.3	-11.6	-34.5	-100.3	13
EF-10	36.4	27	19.2	16	9.7	0.5	-21	-87.7	18.1
EF-11	33.3	22.2	12.2	6.6	-2.3	-13.9	-37.9	-106.7	11.5
EF-12	26.9	27.5	11.2	5.4	-3.6	-12.4	-39.8	-108.3	12.8
R18	41.4	33.3	27.1	15.9	8	0.2	-15.6	-57.3	22.6
EF-1	10.1	8.4	16.1	-1.5	-9.9	-15.9	-31.6	-74.1	8
EF-2	10.4	8.7	16.4	-1.1	-9.4	-15.1	-30.2	-70.4	8.3
EF-3	10.8	9.1	16.8	-0.7	-8.9	-14.1	-28.3	-65.4	8.7
EF-4	33.3	23.5	13.2	7.6	0.3	-9.4	-25.6	-71.5	12.4

EF-5	28.2	27.4	11.2	5.6	-1.6	-9	-25.2	-67.3	12.9
EF-6	15.9	15.5	24.2	7.3	-0.5	-6.5	-23.7	-64.2	16.2
EF-7	33.3	21.6	11.3	5.7	-2.6	-12.2	-27.4	-71.9	11.1
EF-8	34.1	22.4	12.2	6.7	-1.5	-10.8	-24.8	-65.1	12
EF-9	33.5	21.8	11.5	6	-2.2	-11	-25.2	-66.3	11.3
EF-10	32.5	20.7	10.4	4.8	-3.5	-12.1	-27.1	-71.2	10.2
EF-11	32.4	20.6	10.3	4.7	-3.6	-12.3	-27.4	-72.1	10.2
EF-12	27.5	27.7	11.4	5.8	-2.5	-8.4	-26.6	-71.6	13.1
R19	41.7	33.8	27.8	16.6	8.5	-0.5	-19.3	-68.2	23.2
EF-1	10.6	9.2	17.1	-0.6	-9.1	-16	-35.9	-86	8.9
EF-2	10.7	9.2	17.1	-0.5	-9	-15.8	-34.6	-82.5	9
EF-3	11.1	9.6	17.4	-0.2	-8.6	-15.2	-33	-77.9	9.3
EF-4	33.7	24.1	13.8	8.1	0.6	-11.3	-30.2	-84.1	12.9
EF-5	28.3	27.7	11.5	5.8	-1.6	-11.3	-30.1	-80.3	13.1
EF-6	15.4	15.5	24.9	8.6	1.1	-5.1	-24	-71.5	16.9
EF-7	33.7	22.3	12.2	6.5	-2	-12.8	-31.9	-84.2	11.8
EF-8	34.4	22.9	12.8	7.2	-1.1	-11.7	-29.6	-77.8	12.4
EF-9	33.7	22.1	12	6.4	-2.1	-12.7	-30.1	-79.2	11.6
EF-10	32.7	21.1	10.8	5.2	-3.4	-14.2	-31.8	-84	10.6
EF-11	32.7	21.1	10.8	5.1	-3.4	-14.3	-32.1	-84.8	10.5
EF-12	28	28.4	12.2	6.5	-2	-9.9	-31.2	-84	13.7
R20	41.9	34.4	28	17.5	9.1	-0.8	-25	-89.9	23.6
EF-1	11.2	10.8	19.3	2	-6.7	-14.4	-39.1	-107.8	11.2
EF-2	11.3	10.8	19.2	1.9	-6.8	-14.3	-38.6	-105.6	11.1
EF-3	10.9	10.1	18.3	0.8	-8	-15.5	-39.2	-104	10.1
EF-4	33.9	24.8	14.8	9.1	1.2	-11.6	-37.5	-110.7	13.6
EF-5	28	27.8	11.8	6.1	-1.8	-12.5	-38.7	-108.6	13.2
EF-6	13.4	13.8	23.5	7.5	0.2	-6.3	-28.8	-90.8	15.5
EF-7	34.4	23.9	14.4	9.1	0.5	-11.1	-35.6	-107.3	13.3
EF-8	34.3	23.6	14	8.6	-0.1	-11.6	-35.2	-103.8	13
EF-9	33.5	22.5	12.6	7	-1.8	-13.4	-37.5	-107.3	11.9
EF-10	32.7	21.6	11.6	5.9	-3.1	-14.9	-39.8	-111.9	11
EF-11	32.9	21.9	11.9	6.2	-2.8	-14.6	-39.5	-112	11.2
EF-12	28.3	29.4	13.5	7.9	-1	-9.8	-37.5	-110.1	14.7
R21	42	34.8	28.2	18.1	9.6	-0.5	-25.3	-91.9	23.9
EF-1	11.1	10.6	19.1	1.8	-7	-14.7	-39.9	-110.2	11
EF-2	11.6	11.3	20.1	3	-5.5	-13.1	-37.8	-106.6	12
EF-3	11.2	10.5	18.9	1.5	-7.2	-14.8	-39.1	-106.1	10.8
EF-4	34.1	25.3	15.4	9.8	1.9	-11	-37.5	-113.8	14.1
EF-5	28	27.9	11.9	6.3	-1.7	-12.5	-39.4	-112.8	13.4
EF-6	13.2	13.6	23.3	7.3	-0.1	-6.6	-29.4	-92.8	15.3
EF-7	34.6	24.4	15.3	10.2	1.7	-9.9	-34.8	-108.4	14
EF-8	34.3	23.8	14.3	8.9	0.2	-11.3	-35.6	-106.5	13.2
EF-9	33.5	22.7	12.9	7.3	-1.5	-13.3	-38.1	-111	12
EF-10	32.8	21.8	11.9	6.2	-2.8	-14.8	-40.4	-115.9	11.1
EF-11	33	22	12.1	6.5	-2.5	-14.4	-40	-115.7	11.4
EF-12	28.6	29.9	14.2	8.7	-0.1	-8.9	-37.2	-112	15.3
R22	43.1	35.9	28.8	19.5	11.2	0.9	-22.3	-81	24.9
EF-1	11.5	10.6	18.9	1.4	-7.2	-14.5	-37	-97.4	10.7
EF-2	11.7	10.9	19.3	1.8	-6.7	-14	-36.5	-96.7	11.1
EF-3	12.6	12.2	20.9	3.8	-4.6	-11.7	-34.1	-94.4	12.8
EF-4	35.2	26.4	16.7	11.3	3.6	-8.9	-33.5	-102.8	15.3
EF-5	28.9	29.1	13.3	7.8	0.1	-10.5	-36.3	-106.2	14.6
EF-6	14.1	14.1	23.2	6.6	-1.3	-7.9	-28.5	-82	15.2
EF-7	35.1	24.6	15.1	9.9	1.4	-9.9	-32.7	-98.1	14.1
EF-8	36	25.9	17	12.3	4.1	-6.9	-29.5	-94.7	15.7
EF-9	34.6	24.1	14.6	9.2	0.6	-10.8	-34.4	-102.8	13.5
EF-10	34.3	23.7	14.1	8.7	0	-11.6	-35.7	-106.2	13.1
EF-11	34.4	23.8	14.3	8.9	0.3	-11.2	-35.1	-104.7	13.3

EF-12	29.4	30.6	14.9	9.5	0.8	-7.6	-33.9	-101	16.1
R23	43.1	35.7	29.6	18.9	10.8	1.5	-19	-66.7	25
EF-1	14	13.4	22	4.9	-3.2	-9.8	-29.3	-78.8	13.9
EF-2	13.1	12.3	20.7	3.4	-4.9	-11.6	-31.6	-82.3	12.6
EF-3	12.1	11	19.1	1.7	-6.8	-13.7	-34.2	-85.7	11
EF-4	35.7	26.7	16.8	11.3	3.8	-8.3	-30.5	-89.9	15.6
EF-5	28.2	27.9	11.8	6.1	-1.6	-11.8	-36	-97.1	13.4
EF-6	15.9	15.9	25.2	8.8	1.2	-4.8	-22.9	-67.4	17.2
EF-7	36.3	25.7	16.2	11	2.7	-8	-28.3	-84.5	15.2
EF-8	35	24	14.2	8.7	0.2	-10.7	-31.8	-89.5	13.4
EF-9	33.8	22.7	12.6	7	-1.6	-12.8	-34.8	-95.1	12.1
EF-10	33.8	22.6	12.6	7	-1.7	-12.9	-35.1	-96.3	12
EF-11	34.4	23.3	13.4	7.9	-0.7	-11.9	-33.6	-93.6	12.7
EF-12	30.3	31.3	15.5	10.1	1.7	-6.2	-30.1	-87.5	16.8
R24	43.7	36.3	30.3	19.6	11.6	2.5	-16.8	-61	25.7
EF-1	14.9	14.3	22.9	5.8	-2.2	-8.5	-26.6	-70.5	14.8
EF-2	13.8	13	21.4	4.1	-4.1	-10.5	-29.2	-74.7	13.3
EF-3	12.6	11.5	19.6	2.2	-6.1	-12.8	-32.3	-79.5	11.5
EF-4	36.4	27.3	17.4	12	4.6	-7.1	-28.1	-82	16.2
EF-5	28.7	28.4	12.3	6.6	-0.9	-11	-34	-91.1	13.8
EF-6	16.6	16.6	25.9	9.4	1.9	-3.9	-21.1	-62.1	17.8
EF-7	37	26.4	16.9	11.7	3.6	-6.9	-25.9	-77.1	15.9
EF-8	35.5	24.5	14.6	9.2	0.8	-9.9	-30	-83.8	13.9
EF-9	34.3	23.1	13.1	7.5	-1	-12	-32.9	-89	12.5
EF-10	34.3	23.1	13.1	7.6	-0.9	-11.9	-32.9	-88.9	12.6
EF-11	35	23.9	14	8.5	0.1	-10.8	-31.2	-85.9	13.3
EF-12	31	32	16.2	10.8	2.5	-5.1	-27.6	-79.5	17.4
R25	42.1	37.1	31.3	20.7	13.2	5.6	-14.3	-62.5	26.4
EF-1	16.1	16.7	26.9	11.5	5.1	0	-18	-64.4	19
EF-2	13.7	13	21.5	4.3	-3.9	-10.5	-30.1	-79.5	13.4
EF-3	12.4	11.5	19.7	2.4	-6	-12.9	-33.5	-85.9	11.6
EF-4	27.4	17.3	6.8	1.3	-3.4	-12.4	-31.2	-86.7	6.5
EF-5	28.8	28.6	12.6	7	-0.7	-10.9	-35.1	-96.9	14.1
EF-6	15.8	16	25.5	9.2	1.8	-4.2	-22.6	-68.5	17.5
EF-7	37.7	27.7	19	14.4	6.6	-3.7	-23.5	-77.9	17.6
EF-8	35.4	24.5	14.8	9.5	1	-9.9	-31.1	-90.2	14
EF-9	34.3	23.3	13.4	7.8	-0.8	-11.9	-33.9	-94.9	12.7
EF-10	26.4	14.3	3.7	-2.2	-8.3	-16.5	-35.3	-93.7	4
EF-11	26.5	14.4	3.8	-2	-7.8	-15.9	-34.2	-90.6	4.1
EF-12	32.7	34.9	20.4	16.1	8.5	1.2	-21.8	-77.7	20.9
R26	43.3	35	29.5	18.1	11.5	5.7	-5.7	-29.7	24.8
EF-1	13.7	12	19.9	2.5	-5.3	-8.9	-19.7	-44.2	11.8
EF-2	14.9	13.2	21.2	3.9	-3.8	-8.2	-18.5	-41.4	13.1
EF-3	13.6	11.8	19.7	2.4	-5	-7.3	-17.2	-38.4	11.7
EF-4	35.3	25.5	15.3	9.9	4.2	-3.4	-15.5	-45.9	14.7
EF-5	28.5	27.6	11.3	5.9	1.7	-3.8	-16.6	-45.7	13.3
EF-6	19.1	17.8	26	8.9	1.4	-3.7	-14.8	-32.9	18
EF-7	36.9	25.2	15.1	9.8	2	-5.6	-16.2	-43.9	14.9
EF-8	36.1	24.2	14.1	8.7	1.9	-4.4	-14.4	-39.8	14
EF-9	34	22.1	11.9	6.5	0.8	-5.6	-16.3	-44.1	12
EF-10	33.1	21.1	10.9	5.5	-0.2	-6.9	-18.2	-48.7	11
EF-11	33.7	21.8	11.6	6.1	-0.1	-6.7	-17.9	-48	11.6
EF-12	30.2	30.3	14.2	8.8	1.4	-2.1	-16	-44.8	15.8
NokiaTheater	43.9	34.9	24.8	19.3	13	6	-6.2	-33.5	23.9
EF-1	4.8	2.7	13.1	-1.3	-6.1	-8.6	-19.2	-43	5.6
EF-2	6.1	4.1	12.7	-1.8	-6.6	-9.1	-20.1	-45	5.2
EF-3	1.5	1.4	12	-2.4	-7.4	-10	-21.4	-48.2	4.5
EF-4	27.4	18.8	11.5	9.1	5.4	-2	-13.3	-40.9	11.3

EF-5	31.2	30.4	14.3	8.9	2.1	-4.7	-18	-49.1	16
EF-6	5.2	3.1	10.8	-3.7	-8.8	-11.6	-24.1	-54.8	3.3
EF-7	29.5	17.4	8	5.6	0.8	-5.7	-16.4	-44.4	8.8
EF-8	25.2	14.3	6.9	4.4	-0.5	-7.1	-18.7	-49.8	6.7
EF-9	39.7	28.5	18.7	13.6	5.8	-3.7	-17.9	-48.1	18.1
EF-10	40.7	29.5	19.8	14.7	7	-2.3	-15.7	-42.8	19.2
EF-11	27.4	15.8	8.5	6.1	1.4	-5	-15.3	-41.9	8.5
EF-12	20.7	22.7	9.4	7	2.2	-1.2	-14.6	-41.6	10.5
Ritz-Flr1	39.7	33.2	22.7	15.6	9.3	2.3	-11.1	-45.4	21.1
EF-1	3.1	1	10.9	-3.6	-8.6	-11.5	-23.8	-54.1	3.4
EF-2	4.7	2.7	10.5	-4	-9.1	-12	-24.7	-56.4	3
EF-3	11	9.2	17	-0.5	-8.6	-12.8	-26.1	-59.9	8.9
EF-4	36.8	27.1	17	11.6	4.6	-5.2	-18.4	-53	16.2
EF-5	23	22	5.6	2.5	-1.6	-7.7	-22.8	-61.2	8.2
EF-6	5.3	3.2	10.8	-5.6	-10.8	-14.1	-28.2	-65.3	3
EF-7	27.9	15.9	5.8	3.2	-1.8	-8.7	-21.2	-56	6.8
EF-8	28	15.9	5.5	2.2	-2.9	-10	-23.4	-61.6	6.4
EF-9	28	16	5.6	2.5	-2.6	-9.6	-22.8	-60.1	6.6
EF-10	28.9	16.9	6.5	3.4	-1.6	-8.4	-20.8	-55	7.5
EF-11	28	16	6.1	3.6	-1.4	-8.2	-20.4	-54.1	7.1
EF-12	30.5	30.8	14.6	9.2	1.2	-4.3	-19.6	-53.5	16.2
Ritz-Flr27	49.9	44.7	36.7	32.1	27.3	21	7	-28.5	34.9
EF-1	6.6	4.6	12.2	-3.7	-8.8	-11.7	-24.1	-54.9	4.5
EF-2	12.3	10.6	18.5	1.1	-7	-12.2	-25	-57.2	10.4
EF-3	18.5	19.3	29.8	15.2	10.1	7	-6.4	-40.6	22.3
EF-4	43.5	36.4	29	26.5	22.4	14.6	1.3	-33.8	28.4
EF-5	36.6	38.4	25	22.4	18.2	12.2	-3.1	-41.9	26
EF-6	17.7	18.5	29	14.3	9.1	5.8	-8.5	-46	21.4
EF-7	34.6	22.9	12.7	7.2	-0.8	-8.9	-21.5	-56.8	12.5
EF-8	41.4	32.2	24.7	22.1	17	9.9	-3.7	-42.3	24.1
EF-9	41.6	32.4	25	22.4	17.2	10.2	-3.1	-40.8	24.3
EF-10	42.4	33.2	25.8	23.3	18.2	11.4	-1.1	-35.8	25.2
EF-11	42	32.3	24.1	20.3	13.5	4.4	-10.5	-47.4	22.9
EF-12	37.5	40.3	26.9	24.4	19.3	15.5	0.1	-34.3	27.8
Ritz-Flr54	49.9	44.4	37.4	32.3	27.5	21.1	6.9	-30.4	35.1
EF-1	12.1	10.4	18.2	0.8	-7.3	-12.5	-25.6	-58.6	10.2
EF-2	18.4	19.3	29.8	15.2	10.1	7	-6.4	-40.7	22.2
EF-3	18	18.8	29.3	14.7	9.5	6.3	-7.7	-43.9	21.7
EF-4	42.9	35.7	28.3	25.8	21.7	13.7	-0.2	-37.6	27.7
EF-5	36.1	37.9	24.4	21.8	17.6	11.4	-4.4	-45.3	25.4
EF-6	17.3	18	28.6	13.9	8.5	5.2	-9.6	-49	20.9
EF-7	41.6	32.5	25	22.4	17.3	10.3	-2.9	-40.4	24.4
EF-8	40.9	31.7	24.2	21.6	16.3	9.1	-4.9	-45.5	23.5
EF-9	41.1	31.9	24.4	21.8	16.6	9.4	-4.4	-44.2	23.7
EF-10	41.8	32.6	25.2	22.6	17.5	10.5	-2.6	-39.5	24.5
EF-11	41.9	32.7	25.3	22.8	17.7	10.7	-2.2	-38.6	24.7
EF-12	36.8	39.7	26.3	23.7	18.6	14.6	-1.4	-38	27.2
R6	44.6	37	30.9	20	12.3	3.9	-11.8	-44.4	26.3
EF-1	17.1	16.1	24.6	7.5	-0.2	-5.8	-20.5	-50.1	16.5
EF-2	14.7	13.4	21.5	4.2	-3.7	-9.5	-23.8	-54.1	13.4
EF-3	13.1	11.6	19.5	2.1	-5.9	-11.9	-26.1	-59.9	11.5
EF-4	37.8	28.4	18.5	13.1	6.1	-4.9	-21.6	-61.1	17.4
EF-5	28.8	28.2	12	6.4	-0.9	-9.9	-26.8	-71.4	13.6
EF-6	18.2	17.5	26.2	9.3	1.7	-3.7	-18.1	-47.7	18.1
EF-7	37.7	26.4	16.5	11.3	3.3	-6.5	-21.6	-57	16
EF-8	35.7	24.2	14.2	8.7	0.6	-9.5	-24.5	-64.3	13.8
EF-9	34.4	22.8	12.6	7.1	-1.1	-11.5	-26.4	-69.3	12.3
EF-10	35.4	23.9	13.9	8.4	0.2	-10	-26	-68.4	13.5
EF-11	36.2	24.8	14.8	9.4	1.3	-8.9	-24.8	-65.2	14.3

EF-12	32.5	33.2	17.3	12	4	-2.9	-21.6	-58.6	18.7
R7	34.8	26.4	20.1	12.5	7.7	1.6	-12.2	-46.1	16.8
EF-1	3.8	1.8	11.7	-2.9	-7.8	-10.5	-22.2	-50.2	4.2
EF-2	4.6	2.5	10.8	-3.7	-8.8	-11.6	-24.1	-54.7	3.3
EF-3	3.5	1.4	9.8	-4.8	-10	-13.1	-26.5	-60.9	2.3
EF-4	27.7	17.6	8.4	5.8	1.8	-6.2	-20	-57.1	8.7
EF-5	20.2	19.1	3.9	1.2	-3	-9.3	-25.7	-68.5	5.9
EF-6	9.7	7.8	15.6	-1.9	-9.3	-12.3	-25.2	-57.5	7.5
EF-7	27.4	15.4	5.8	3.2	-1.8	-8.7	-21.2	-56.1	6.6
EF-8	26	13.9	4.4	1.7	-3.5	-10.7	-24.6	-64.6	5.1
EF-9	25.4	13.3	4	1.4	-3.9	-11.2	-25.4	-66.8	4.6
EF-10	25.8	13.7	4.6	2	-3.2	-10.3	-24	-63.1	5.1
EF-11	26.3	14.2	5.1	2.5	-2.7	-9.7	-22.9	-60.3	5.6
EF-12	22.1	22	6.7	4.1	-1	-4.9	-20.5	-55.8	8.7
R6c	34.9	26.5	25.1	11.7	5.6	-1	-18.2	-62.4	18.8
EF-1	2.3	0.2	8.8	-5.9	-11.2	-14.5	-29	-67.3	1.2
EF-2	3.7	1.6	9.1	-6.6	-12	-15.4	-30.7	-71.8	1.4
EF-3	3.9	1.9	9.4	-7.5	-13	-16.7	-33	-78	1.5
EF-4	26.5	16.3	5.8	2.8	-1.7	-10.3	-27.3	-76.2	6.4
EF-5	21.1	20	3.5	-1.5	-6.2	-13.1	-32.7	-87.3	5.7
EF-6	15.7	15.5	24.5	7.8	0	-6.1	-24	-67.5	16.4
EF-7	26.8	14.7	4.2	0.3	-5.1	-12.6	-28.1	-73.8	4.9
EF-8	27	14.9	4.4	-0.9	-6.5	-14.3	-31.1	-82.1	4.8
EF-9	26.4	14.3	3.8	-1.4	-7	-15	-32.4	-85.5	4.2
EF-10	26.6	14.5	3.9	-1	-6.6	-14.4	-31.4	-82.7	4.4
EF-11	26.9	14.8	4.3	-0.6	-6.1	-13.8	-30.3	-79.7	4.8
EF-12	20.8	20.7	4.2	1	-4.4	-9	-27.6	-74.3	6.7

Outdoor Noise Prediction Model, Version 2.0 (Sean K. Bui), January 1, 2006

Client: Matrix Environmental
 Description: LA Convention Modernization & Farmers Field
 AES Job No: 2011113
 Consultant: skb
 Date: 9/13/2011
 Source: **Parking - Leq**

Description	63	125	250	500	1000	2000	4000	8000 dBA	
R1	55.4	54.8	45.1	38.4	33.3	29.8	18.9	-6	42.9
CS1	48.7	48.6	39.2	32.7	27.7	23.8	12.4	-13.6	36.9
CS2	49	48.9	39.6	33.3	28.6	25.4	15.1	-8.9	37.5
CS3	48.5	48.4	39.1	32.7	28	24.7	14.1	-11.2	36.9
CS4	30.9	27.8	18.5	12.1	7.4	4	-7	-33.6	16.5
CS5	30	27.2	17.9	11.5	6.7	3.3	-8.1	-36.2	15.8
CS6	29.3	26.6	17.3	10.9	6	2.5	-9.3	-39	15.2
CS7	29	26	16.7	10.2	5.3	1.7	-10.6	-42	14.6
CS8	28.7	25.6	16.1	9.6	4.7	1	-11.8	-45	14
CS9	28.7	25.6	15.6	9	4	0.2	-13.1	-48.2	13.7
CS10	28.1	25	15	8.5	3.4	-0.6	-14.4	-51.3	13.1
CS11	27.6	24.5	14.5	7.9	2.7	-1.3	-15.7	-54.6	12.5
CS12	27	23.9	13.8	7.1	1.9	-2.3	-17.4	-59.1	11.8
CS13	27.3	24.2	14	7.3	2.1	-2	-16.9	-57.7	12.1
CS14	27.8	24.7	14.5	7.9	2.7	-1.3	-15.7	-54.6	12.6
CS15	28.4	25.3	15	8.4	3.3	-0.6	-14.5	-51.6	13.2
CS16	28.9	25.8	15.5	8.9	3.9	0.1	-13.3	-48.7	13.8
CS17	29.5	26.4	16	9.5	4.5	0.8	-12.1	-45.8	14.3
CS18	30	27	16.5	10	5.1	1.5	-11	-43	14.9
CS19	30.6	27.5	17	10.6	5.7	2.2	-9.9	-40.4	15.5
CS20	45.2	43.8	32.7	24	16.7	10.4	-4.2	-36.1	30.4
CS21	45.6	44.2	33.1	24.4	17.1	10.9	-3.3	-34	30.8
CS22	46	44.6	33.4	24.8	17.5	11.3	-2.6	-32	31.2
BS1	26.7	23.5	13.6	7	1.7	-2.5	-17.7	-59.9	11.6
BS2	26.5	23.4	13.6	6.9	1.7	-2.6	-17.8	-60.2	11.5
BS3	26.1	22.9	13.1	6.4	1.1	-3.3	-19.2	-63.7	11
BS4	25.5	22.4	12.5	5.8	0.4	-4.1	-20.6	-67.5	10.4
BS5	25.1	22	12.1	5.3	-0.1	-4.8	-21.8	-70.7	10
BS6	24.8	21.6	11.7	4.9	-0.6	-5.4	-22.9	-73.7	9.6
BS7	25	21.9	11.9	5.1	-0.4	-5.1	-22.5	-72.5	9.8
BS8	25.4	22.3	12.3	5.5	0.1	-4.5	-21.3	-69.4	10.2
BS9	25.9	22.7	12.8	6	0.7	-3.8	-20	-65.9	10.7
BS10	26.3	23.2	13.2	6.5	1.2	-3.1	-18.8	-62.8	11.2
R2	45.9	42.9	31	22.9	17.7	13.6	-0.7	-38.3	29.7
CS1	27.2	24.1	12.6	5.9	0.5	-4	-20.4	-67	11.3
CS2	26.4	23.2	13.2	6.5	1.2	-3.2	-18.9	-63.1	11.2
CS3	26.1	23	13.4	6.8	1.5	-2.8	-18.2	-61.2	11.2
CS4	25.7	23.2	13.8	7.1	1.9	-2.3	-17.4	-59.1	11.5
CS5	25.8	23.5	14.1	7.4	2.2	-1.9	-16.7	-57.2	11.8
CS6	25.9	23.7	14.3	7.7	2.5	-1.6	-16.1	-55.7	12
CS7	26.4	24	14.6	8	2.8	-1.2	-15.5	-54.1	12.3
CS8	27.2	24.2	14.8	8.2	3.1	-0.9	-15	-52.8	12.6
CS9	29.6	26.6	14.9	8.4	3.3	-0.7	-14.6	-51.8	13.8
CS10	32.6	29.6	17.2	8.5	3.5	-0.5	-14.2	-50.8	16.1
CS11	32.6	29.6	17.3	8.6	3.6	-0.3	-14	-50.3	16.2
CS12	32.1	29.1	16.7	8.1	3	-1	-15.2	-53.3	15.6
CS13	31.7	28.7	16.3	7.6	2.5	-1.6	-16.2	-55.9	15.2
CS14	31.7	28.6	16.3	7.6	2.4	-1.7	-16.4	-56.4	15.1
CS15	31.6	28.6	16.2	7.5	2.3	-1.9	-16.6	-57	15.1
CS16	28.5	25.4	13.9	7.3	2.1	-2.1	-17	-57.9	12.7
CS17	28.2	25.1	13.8	7.1	1.9	-2.3	-17.4	-58.9	12.5
CS18	27.9	24.8	13.6	6.9	1.7	-2.6	-17.9	-60.3	12.2
CS19	27.7	24.6	13.4	6.7	1.4	-2.9	-18.4	-61.7	12

CS20	27.6	24.5	13.1	6.4	1.1	-3.2	-19	-63.3	11.8
CS21	27.4	24.3	12.9	6.2	0.8	-3.6	-19.7	-65	11.6
CS22	27.5	24.4	12.6	5.9	0.5	-4	-20.4	-66.9	11.5
BS1	32.4	29.4	17	8.6	3.5	-0.4	-14.1	-50.5	16
BS2	32.8	29.8	17.5	9.1	4.1	0.2	-13	-47.9	16.4
BS3	32.8	29.8	17.5	9.1	4	0.2	-13.1	-48	16.4
BS4	33.4	30.4	18.1	9	3.9	0.1	-13.3	-48.6	16.9
BS5	34.4	31.5	19.2	9.7	3.8	-0.1	-13.6	-49.3	17.8
BS6	33.8	30.8	18.5	9	3.1	-0.8	-14.8	-52.5	17.2
BS7	33.6	30.7	18.3	8.8	2.8	-1.3	-15.5	-54.3	17
BS8	33.9	31	18.6	9.1	2.9	-1.1	-15.3	-53.6	17.3
BS9	32	28.9	16.6	8.1	3	-1	-15.1	-53.2	15.5
BS10	32	28.9	16.6	8.1	3	-1	-15.1	-53.2	15.5
R3	45.1	42.1	29.9	21.6	15.9	11.5	-4	-45.2	28.7
CS1	25.8	22.6	10.5	3.6	-2.1	-7.2	-26.3	-83.2	9.5
CS2	24.8	21.6	11	4.1	-1.5	-6.5	-24.9	-79.3	9.2
CS3	24.6	21.4	11.3	4.4	-1.2	-6	-24.1	-77	9.2
CS4	24.3	21.2	11.6	4.8	-0.7	-5.5	-23.2	-74.4	9.3
CS5	24.4	21.5	11.9	5.1	-0.4	-5.1	-22.3	-72	9.6
CS6	24.6	21.7	12.2	5.4	0	-4.6	-21.5	-69.9	9.9
CS7	25.5	22.3	12.5	5.8	0.4	-4.2	-20.7	-67.7	10.4
CS8	26.3	23.2	12.8	6.1	0.7	-3.7	-19.9	-65.6	10.9
CS9	33.6	30.7	18.4	8.7	1	-3.3	-19.2	-63.7	16.9
CS10	33.1	30.1	17.8	8.1	1.4	-2.9	-18.5	-61.8	16.4
CS11	32.6	29.6	17.2	7.6	1.7	-2.6	-17.9	-60.2	15.9
CS12	31.5	28.5	16.1	6.7	1.4	-2.9	-18.5	-61.9	14.9
CS13	31.4	28.3	15.9	6.2	0.8	-3.7	-19.7	-65.2	14.7
CS14	31.8	28.8	16.3	6.7	0.5	-4	-20.3	-66.6	15
CS15	32.2	29.3	16.8	7.1	0.3	-4.3	-20.9	-68.2	15.5
CS16	32.8	29.8	17.4	7.7	0	-4.6	-21.5	-69.9	16
CS17	27.4	24.2	12	5.2	-0.3	-5	-22.2	-71.7	11.1
CS18	27	23.9	11.7	4.9	-0.6	-5.4	-22.9	-73.7	10.8
CS19	26.5	23.4	11.4	4.6	-1	-5.8	-23.6	-75.7	10.4
CS20	26.4	23.2	11.2	4.3	-1.3	-6.2	-24.4	-77.9	10.2
CS21	26.3	23.1	10.9	4	-1.6	-6.6	-25.3	-80.2	10
CS22	26.2	23	10.6	3.7	-2	-7.1	-26.1	-82.5	9.8
BS1	31.6	28.6	16.2	7.2	2	-2.2	-17.2	-58.6	15
BS2	32	29	16.6	7.7	2.5	-1.6	-16.1	-55.7	15.4
BS3	31.6	28.6	16.2	7.9	2.8	-1.3	-15.6	-54.4	15.2
BS4	31.3	28.2	15.9	8.1	3	-1	-15.2	-53.4	14.9
BS5	31	28	15.6	8.2	3.1	-0.9	-14.9	-52.7	14.7
BS6	30.6	27.6	15.2	7.8	2.6	-1.5	-15.9	-55.1	14.3
BS7	30.2	27.2	14.8	7.3	2.1	-2.1	-16.9	-57.8	13.9
BS8	30.4	27.3	14.9	7.2	2	-2.2	-17.1	-58.3	14
BS9	30.7	27.6	15.2	7.1	1.8	-2.4	-17.5	-59.3	14.2
BS10	31	27.9	15.5	6.9	1.6	-2.6	-17.9	-60.4	14.4
R4	61.7	61.3	51.8	45.3	40.6	37.5	28.2	10.2	49.7
CS1	39.9	38.3	26.9	17.7	9.7	2.3	-17.4	-68.5	24.7
CS2	38.2	36	24	14.6	6.3	-1.1	-20.4	-67	22.2
CS3	38.6	36.3	24.4	14.9	6.8	-0.5	-19.2	-63.7	22.6
CS4	38.9	36.5	24.6	15.2	7.1	-0.1	-17.8	-60	22.8
CS5	39.1	36.7	24.8	15.4	7.3	0.3	-16.4	-56.6	23
CS6	39.5	37.1	25.1	15.8	7.8	0.8	-15.1	-53.1	23.4
CS7	39.8	37.4	25.4	16.1	8.2	1.3	-13.6	-49.5	23.7
CS8	40.9	38.6	26.7	17.5	9.6	2.9	-12.2	-45.9	24.9
CS9	42.2	40	28.3	19.1	11.4	4.8	-10.5	-42.3	26.4
CS10	43.8	41.9	30.3	21.3	13.7	7.4	-7.4	-38.8	28.3
CS11	44.8	43.1	31.6	22.7	15.2	9	-5.2	-35.1	29.6
CS12	48.6	48.5	39.2	32.9	28.2	25	14.4	-10.4	37.1
CS13	48	47.9	38.7	32.3	27.5	24.2	13.3	-12.9	36.5
CS14	47.2	47.1	37.8	31.4	26.6	23.2	11.6	-16.7	35.6

CS15	46.5	46.3	37	30.6	25.7	22.1	10	-20.5	34.8
CS16	45.8	45.6	36.3	29.8	24.8	21.2	8.5	-24.2	34
CS17	45.1	45	35.6	29.1	24.1	20.2	7	-27.9	33.3
CS18	44.5	44.4	35	28.4	23.3	19.4	5.5	-31.6	32.6
CS19	44	43.8	34.4	27.8	22.6	18.5	4.1	-35.2	32
CS20	43.5	43.3	33.8	27.2	21.9	17.7	2.7	-38.8	31.4
CS21	43	42.8	33.3	26.6	21.3	16.9	1.3	-42.4	30.9
CS22	42.5	42.3	32.8	26	20.7	16.2	0	-46	30.3
BS1	44.7	42.6	30.9	21.8	14.3	8.2	-5	-29	29
BS2	43.1	40.7	28.8	19.6	12	5.9	-4.9	-28.9	27
BS3	43.7	41.2	29.3	20.1	12.6	6.6	-3.3	-25.3	27.5
BS4	44.3	41.8	29.9	20.7	13.3	7.9	-1.4	-21.4	28.2
BS5	47	44.8	33	24	16.7	10.9	0.1	-18.4	31.2
BS6	53.2	53.1	44	37.7	33.3	30.6	22.3	6	42
BS7	53.1	53	43.8	37.6	33.2	30.5	22.2	5.7	41.8
BS8	51.9	51.8	42.7	36.4	31.9	29.1	20.3	2.1	40.6
BS9	50.7	50.6	41.4	35.1	30.6	27.6	18.3	-2.1	39.3
BS10	49.7	49.6	40.4	34.1	29.5	26.4	16.5	-5.9	38.3
R5	61.1	60.6	50.9	44.3	39.3	35.9	24.9	-0.3	48.8
CS1	42.7	41.8	31.2	23	15.6	9	-8.7	-52.7	28.7
CS2	41.9	40.4	29.2	20.3	12.5	5.6	-12	-55.5	26.9
CS3	42.2	40.8	29.5	20.7	12.9	6.1	-11.1	-52.8	27.3
CS4	42.6	41	29.8	20.9	13.2	6.5	-10.3	-50.2	27.6
CS5	42.9	41.3	30	21.1	13.4	6.8	-9.5	-47.9	27.8
CS6	43.2	41.6	30.3	21.4	13.8	7.2	-8.7	-45.4	28.2
CS7	43.5	41.9	30.5	21.6	14	7.5	-8	-43.2	28.4
CS8	43.9	42.2	30.8	21.9	14.3	7.9	-7.3	-41.2	28.7
CS9	44.2	42.4	31	22.1	14.6	8.2	-6.6	-39	28.9
CS10	44.4	42.6	31.2	22.3	14.7	8.4	-6.1	-37.1	29.1
CS11	44.7	42.9	31.4	22.5	15	8.7	-5.5	-35.3	29.4
CS12	48.5	48.4	39.2	32.8	28.1	24.9	14.3	-10.7	37
CS13	48.8	48.7	39.4	33.1	28.4	25.2	14.7	-9.7	37.3
CS14	48.3	48.2	38.9	32.6	27.8	24.6	13.8	-11.7	36.8
CS15	47.8	47.7	38.4	32	27.2	23.9	12.8	-14.1	36.2
CS16	47.3	47.1	37.8	31.4	26.6	23.2	11.7	-16.6	35.6
CS17	46.7	46.6	37.3	30.8	26	22.4	10.5	-19.3	35
CS18	46.2	46	36.7	30.2	25.3	21.7	9.4	-22.1	34.4
CS19	45.6	45.5	36.1	29.6	24.7	21	8.2	-25	33.9
CS20	45.1	45	35.6	29.1	24	20.2	6.9	-28	33.3
CS21	44.6	44.5	35.1	28.5	23.4	19.5	5.7	-31.1	32.7
CS22	44.1	44	34.5	27.9	22.8	18.8	4.5	-34.2	32.2
BS1	45.2	43.3	31.9	23	15.5	9.3	-4.5	-32.6	29.8
BS2	43.9	41.8	30.1	21.1	13.5	7.2	-7	-34.9	28.2
BS3	44.1	42	30.4	21.4	13.8	7.5	-6.6	-34.3	28.5
BS4	44.1	42	30.4	21.3	13.7	7.5	-6.6	-34.1	28.4
BS5	43.9	41.8	30.1	21.1	13.5	7.2	-6.9	-34.3	28.2
BS6	48.3	48.2	38.9	32.5	27.8	24.6	13.8	-11.7	36.7
BS7	49	48.9	39.6	33.3	28.7	25.5	15.2	-8.7	37.5
BS8	49	48.9	39.7	33.3	28.7	25.5	15.2	-8.6	37.5
BS9	49	48.9	39.6	33.3	28.6	25.5	15.2	-8.7	37.5
BS10	48.9	48.8	39.5	33.2	28.5	25.3	14.9	-9.3	37.4
R6b	66.3	65.9	56.6	50.2	45.8	43.2	35.4	21.9	54.6
CS1	46.6	44.9	33.6	24.8	17.4	11.4	-1.7	-28.3	31.5
CS2	44.7	42.4	30.6	21.5	14	7.9	-4.1	-27	28.8
CS3	45.2	42.9	31.1	22.1	14.6	8.6	-2.6	-23.9	29.3
CS4	45.7	43.3	31.5	22.5	15	9.2	-1	-20.7	29.7
CS5	46.1	43.7	31.9	22.8	15.4	9.6	0.3	-17.9	30.1
CS6	46.7	44.2	32.3	23.3	15.9	10.2	1.6	-15.5	30.6
CS7	47	44.4	32.6	23.5	16.2	10.8	2.5	-13.6	30.9
CS8	47.1	44.6	32.7	23.7	16.4	11.2	3.1	-12.4	31
CS9	47.2	44.6	32.8	23.7	16.4	11.4	3.3	-12.1	31.1

CS10	46.9	44.4	32.5	23.4	16.1	11	2.9	-12.9	30.8
CS11	46.6	44.1	32.2	23.2	15.8	10.5	2.2	-14.3	30.5
CS12	49.8	47.8	36.2	27.4	20.1	14.5	3.4	-12.8	34.3
CS13	55.4	55.4	46.2	40.1	35.8	33.2	25.7	12.2	44.3
CS14	56.3	56.3	47.2	41	36.7	34.2	27	14.4	45.3
CS15	56.7	56.7	47.6	41.4	37.2	34.7	27.5	15.4	45.7
CS16	56.6	56.5	47.4	41.3	37	34.5	27.3	14.9	45.5
CS17	55.8	55.7	46.6	40.5	36.2	33.6	26.2	13.1	44.7
CS18	54.7	54.7	45.6	39.4	35	32.4	24.7	10.4	43.6
CS19	53.5	53.5	44.3	38.1	33.8	31.1	22.9	7.1	42.4
CS20	52.4	52.3	43.1	36.9	32.5	29.7	21.1	3.6	41.1
CS21	51.3	51.2	42	35.7	31.2	28.3	19.3	0	39.9
CS22	50.2	50.1	40.9	34.6	30.1	27.1	17.4	-3.8	38.8
BS1	45	42.4	30.5	21.4	14	9.3	0.6	-17.3	28.8
BS2	43.3	40.7	28.7	19.5	12	8.1	-1.1	-20.8	27.1
BS3	44.9	42.6	30.8	21.7	14.2	8.2	-2.5	-23.8	29
BS4	44.4	42	30.2	21.1	13.6	7.5	-4.2	-27.3	28.4
BS5	43.9	41.6	29.8	20.7	13.2	7	-5.5	-30.3	28
BS6	45.1	43.1	31.6	22.6	15.1	9	-4.6	-30.8	29.6
BS7	49.4	49.3	40.1	33.7	29.1	26	15.9	-7.1	37.9
BS8	50.2	50.2	40.9	34.6	30.1	27.1	17.5	-3.7	38.9
BS9	51.3	51.2	42	35.8	31.3	28.4	19.3	0.1	40
BS10	52.4	52.3	43.1	36.9	32.5	29.7	21.1	3.6	41.1
R7b	66	65.7	56.5	50.3	46	43.5	36.5	26.1	54.6
CS1	60.7	60.6	51.6	45.5	41.3	39	32.6	23.4	49.7
CS2	50.6	48.1	36.3	27.3	20.1	15.4	8.4	-3.2	34.6
CS3	46.4	43.6	31.6	22.5	16.1	13.6	6.2	-7	30.1
CS4	44.6	41.8	29.8	20.6	14.3	11.6	3.7	-11.5	28.3
CS5	43.7	40.9	28.9	19.7	12.7	10	1.5	-15.6	27.3
CS6	43	40.2	28.2	19	11.6	8.5	-0.5	-19.6	26.6
CS7	42.2	39.5	27.4	18.2	10.7	7.1	-2.5	-23.8	25.9
CS8	41.5	38.8	26.8	17.6	10	5.8	-4.4	-27.7	25.2
CS9	41	38.3	26.3	17	9.3	4.6	-6.1	-31.6	24.6
CS10	40.3	37.7	25.6	16.3	8.6	3.5	-7.9	-35.5	24
CS11	39.9	37.2	25.2	15.9	8.1	2.4	-9.5	-39.3	23.6
CS12	42.4	40.3	28.6	19.4	11.7	5.2	-10.1	-42.3	26.7
CS13	46.8	46.7	37.4	30.9	26.1	22.6	10.8	-18.7	35.1
CS14	47.6	47.5	38.2	31.8	27	23.7	12.4	-14.9	36
CS15	48.5	48.4	39.1	32.8	28.1	24.8	14.2	-10.9	37
CS16	49.5	49.4	40.1	33.8	29.2	26.1	16	-6.8	38
CS17	50.5	50.4	41.2	34.9	30.4	27.4	18	-2.7	39.2
CS18	51.8	51.7	42.5	36.3	31.8	28.9	20.1	1.6	40.5
CS19	53.2	53.1	44	37.7	33.3	30.6	22.3	6	42
CS20	54.9	54.8	45.7	39.5	35.2	32.6	24.9	10.7	43.7
CS21	56.9	56.8	47.7	41.6	37.3	34.9	27.7	15.7	45.8
CS22	59.4	59.4	50.3	44.2	40	37.7	31.1	21.1	48.5
BS1	39	36.4	24.3	15	7.1	0.9	-11.9	-45.1	22.7
BS2	37.5	34.7	22.6	13.1	5.2	0.4	-12.7	-47.1	21
BS3	37.1	34.3	22.1	12.6	4.6	-0.5	-14.3	-51	20.6
BS4	36.6	33.9	21.7	12.2	4.1	-1.5	-15.9	-55.2	20.1
BS5	36.3	33.6	21.3	11.8	3.6	-2.2	-17.2	-58.6	19.8
BS6	37.4	34.8	22.7	13.2	5	-2.2	-18	-60.5	21.1
BS7	39.3	37	25.1	15.7	7.7	0.6	-16.9	-57.9	23.3
BS8	39.7	37.3	25.4	16.1	8.1	1.1	-15.6	-54.4	23.6
BS9	40.2	37.9	26	16.7	8.8	1.9	-14	-50.4	24.2
BS10	40.9	38.6	26.7	17.4	9.6	2.8	-12.5	-46.7	24.9
R8	58.5	57.9	48.1	41.1	35.7	31.6	18.3	-13.9	45.8
CS1	46.6	46.4	37.1	30.7	25.8	22.2	10.2	-20	34.9
CS2	44.6	43.5	32.7	24.2	16.9	10.6	-4.9	-40.3	30.3
CS3	44.4	43.3	32.5	24	16.7	10.3	-5.3	-41.6	30.1
CS4	44	42.9	32.1	23.7	16.3	9.9	-6.1	-43.6	29.7

CS5	43.7	42.6	31.8	23.3	15.9	9.4	-6.9	-45.7	29.4
CS6	43.4	42.3	31.5	23.1	15.6	9.1	-7.6	-47.6	29.1
CS7	43	41.9	31.2	22.7	15.2	8.6	-8.5	-50	28.7
CS8	42.7	41.6	30.8	22.3	14.8	8.1	-9.4	-52.4	28.4
CS9	42.3	41.3	30.5	22	14.5	7.7	-10.2	-54.9	28
CS10	41.9	40.9	30.1	21.6	14	7.1	-11.2	-57.6	27.6
CS11	41.6	40.6	29.8	21.3	13.7	6.7	-12.1	-60.1	27.3
CS12	42.1	41.5	31.4	23.6	16.6	10.1	-8.5	-56.8	28.7
CS13	43.1	42.9	33.4	26.7	21.4	17.1	1.6	-41.6	31
CS14	43.5	43.3	33.8	27.2	22	17.8	2.8	-38.7	31.5
CS15	43.9	43.7	34.3	27.7	22.5	18.4	3.8	-35.8	31.9
CS16	44.3	44.1	34.7	28.1	23	19	4.9	-33.1	32.4
CS17	44.7	44.6	35.2	28.6	23.5	19.6	6	-30.5	32.8
CS18	45.2	45	35.6	29.1	24.1	20.3	7	-27.9	33.3
CS19	45.6	45.4	36.1	29.5	24.6	20.8	8	-25.5	33.8
CS20	46	45.8	36.5	30	25.1	21.4	8.9	-23.2	34.2
CS21	46.4	46.2	36.9	30.4	25.5	21.9	9.8	-21.2	34.6
CS22	46.7	46.6	37.3	30.8	26	22.4	10.5	-19.3	35
BS1	39.9	38.2	26.7	17.5	9.4	2	-17.6	-68.2	24.6
BS2	39.4	37.7	26.1	16.9	8.8	1.3	-18.8	-71.1	24.1
BS3	39.1	37.4	25.8	16.6	8.4	0.8	-19.8	-74	23.8
BS4	38.9	37.2	25.7	16.5	8.2	0.5	-20.6	-77.1	23.6
BS5	38.5	36.8	25.3	16	7.7	-0.1	-21.8	-80	23.2
BS6	38	36.1	24.4	15	6.6	-1.3	-23	-81.3	22.4
BS7	41	40.7	31.1	24.3	18.7	13.7	-4.5	-58.2	28.7
BS8	41.3	41.1	31.5	24.7	19.1	14.3	-3.5	-55.3	29
BS9	41.7	41.5	31.9	25.1	19.6	14.9	-2.3	-52	29.5
BS10	42.1	41.9	32.4	25.6	20.2	15.6	-1.1	-48.9	29.9
R9	58	57.4	47.6	40.5	35	30.8	17.5	-14	45.2
CS1	47.1	46.9	37.6	31.2	26.4	22.9	11.3	-17.5	35.4
CS2	45.8	45.3	35.3	27.7	21.2	15.4	0.7	-33.3	32.6
CS3	44.7	43.8	33.2	25	17.8	11.6	-4	-39.9	30.7
CS4	43.8	42.7	31.8	23.3	15.9	9.4	-6.7	-44.8	29.4
CS5	43.3	42.2	31.3	22.8	15.4	8.8	-7.9	-47.9	28.9
CS6	42.9	41.8	31	22.4	15	8.3	-8.9	-50.8	28.5
CS7	42.4	41.3	30.5	21.9	14.4	7.6	-10.1	-54.1	28
CS8	42	40.9	30.1	21.5	13.9	7	-11.2	-57.3	27.6
CS9	41.6	40.5	29.7	21.1	13.5	6.5	-12.3	-60.5	27.2
CS10	41.1	40.1	29.2	20.7	13	5.8	-13.5	-63.8	26.8
CS11	40.8	39.7	28.9	20.3	12.6	5.4	-14.6	-66.9	26.4
CS12	41.1	40.5	30.3	22.4	15.3	8.5	-11.5	-65	27.6
CS13	41.9	41.7	32.2	25.4	19.9	15.3	-1.6	-50.3	29.7
CS14	42.4	42.1	32.6	25.9	20.5	16	-0.4	-46.8	30.2
CS15	42.8	42.6	33.1	26.4	21.1	16.7	0.9	-43.4	30.7
CS16	43.3	43.1	33.6	27	21.7	17.5	2.2	-40	31.2
CS17	43.8	43.6	34.2	27.5	22.3	18.2	3.6	-36.6	31.8
CS18	44.3	44.1	34.7	28.1	23	19	4.9	-33.1	32.4
CS19	44.9	44.7	35.3	28.7	23.7	19.8	6.3	-29.7	33
CS20	45.4	45.3	35.9	29.4	24.4	20.7	7.7	-26.2	33.6
CS21	46	45.9	36.6	30.1	25.2	21.5	9.1	-22.8	34.3
CS22	46.7	46.6	37.2	30.8	25.9	22.4	10.5	-19.4	35
BS1	39.2	37.6	26.2	17.1	8.9	1.2	-19.7	-75.3	24.1
BS2	38.9	37.3	25.9	16.7	8.5	0.7	-20.5	-77.6	23.7
BS3	38.6	37	25.6	16.4	8.1	0.2	-21.7	-81	23.4
BS4	38.3	36.7	25.2	16	7.6	-0.4	-22.9	-84.7	23.1
BS5	38	36.4	25	15.7	7.3	-0.8	-23.9	-87.7	22.8
BS6	37	35.1	23.2	13.8	5.1	-3.1	-26.5	-90.9	21.3
BS7	39.9	39.7	30	23	17.2	11.9	-8.1	-68.1	27.4
BS8	40.3	40	30.3	23.4	17.6	12.5	-7	-64.9	27.8
BS9	40.7	40.4	30.8	23.9	18.2	13.1	-5.6	-61.3	28.3
BS10	39.4	38	26.7	17.6	9.5	1.8	-19.2	-75.6	24.4

R10	46.9	45.2	34.4	26.9	21	16.2	-0.9	-49.2	32.4
CS1	42	41.8	32.3	25.5	20.1	15.5	-1.3	-49.4	29.8
CS2	36.9	34.4	22.3	12.7	4.4	-3.1	-21	-68.7	20.6
CS3	36.2	33.6	21.4	11.8	3.4	-4.2	-21.8	-70.6	19.7
CS4	25.5	22.3	11.8	5	-0.5	-5.2	-22.5	-72.7	10
CS5	24.4	21.2	11.6	4.8	-0.8	-5.6	-23.3	-74.8	9.3
CS6	24	20.9	11.3	4.4	-1.2	-6	-24.1	-77	9
CS7	23.8	20.6	11	4.1	-1.5	-6.5	-25	-79.3	8.7
CS8	23.8	20.6	10.7	3.8	-1.9	-6.9	-25.8	-81.7	8.5
CS9	24.3	21.1	10.4	3.5	-2.3	-7.4	-26.7	-84.2	8.6
CS10	24.6	21.4	10.1	3.2	-2.6	-7.9	-27.6	-86.7	8.6
CS11	31.6	28.7	16.2	6.3	-2.5	-8.4	-28.5	-89.4	14.8
CS12	31.2	28.2	15.7	5.7	-3.2	-9.1	-30.1	-93.8	14.3
CS13	26.1	22.9	10.2	2.4	-3.5	-9	-29.8	-93.1	9.4
CS14	26	22.9	10.2	2.7	-3.2	-8.6	-29	-90.5	9.4
CS15	26	22.8	10.2	3	-2.8	-8.1	-28.1	-88	9.4
CS16	26.1	22.9	10.3	3.3	-2.5	-7.7	-27.2	-85.6	9.6
CS17	26.2	23	10.5	3.6	-2.1	-7.2	-26.4	-83.3	9.8
CS18	26.5	23.3	10.8	3.9	-1.8	-6.8	-25.6	-81	10
CS19	26.9	23.7	11.1	4.2	-1.4	-6.4	-24.8	-78.8	10.4
CS20	35.2	32.6	20.3	10.6	2.1	-5.7	-24	-76.7	18.7
CS21	36	33.4	21.2	11.6	3.1	-4.7	-23.3	-74.8	19.6
CS22	36.8	34.3	22.2	12.6	4.3	-3.4	-22.6	-72.9	20.5
BS1	27	23.9	11.2	2.3	-3.7	-9.2	-30.1	-93.9	10.2
BS2	27.1	23.9	11.3	2.3	-3.6	-9.1	-30	-93.6	10.2
BS3	25.9	22.7	10	2	-4	-9.6	-31	-96.4	9.1
BS4	26.2	23	10.3	1.6	-4.4	-10.2	-32.2	-99.7	9.3
BS5	26.3	23.1	10.4	1.3	-4.8	-10.6	-33.1	-102.4	9.4
BS6	26.3	23.1	10.3	1	-5.2	-11.2	-34.2	-105.6	9.3
BS7	26.2	23	10.2	1	-5.2	-11.1	-34	-105	9.2
BS8	26	22.8	10.1	1.3	-4.8	-10.6	-33.1	-102.4	9.1
BS9	26.7	23.5	10.8	1.7	-4.4	-10.1	-32.1	-99.5	9.8
BS10	26.8	23.7	11	2	-4.1	-9.7	-31.2	-96.8	9.9
R11	46.5	45.3	34.5	26.5	19.5	13	-9.5	-76	32.2
CS1	39.1	38.8	29.1	22	16	10.4	-11.1	-76.6	26.5
CS2	38	36.8	25.6	16.6	8.3	0.1	-24.1	-92.1	23.3
CS3	37.5	36.1	24.8	15.6	7.1	-1.3	-25.8	-95.1	22.5
CS4	22.9	19.6	8.7	1.6	-4.5	-10.2	-32.2	-99.9	6.9
CS5	21.8	18.5	8.5	1.4	-4.7	-10.6	-32.9	-101.9	6.2
CS6	21.5	18.2	8.3	1.2	-5	-10.9	-33.7	-104	5.9
CS7	21.3	18	8.1	0.9	-5.3	-11.3	-34.4	-106.2	5.7
CS8	21.3	18	7.9	0.7	-5.6	-11.7	-35.2	-108.4	5.6
CS9	21.9	18.6	7.7	0.4	-5.9	-12	-36	-110.7	5.8
CS10	22.3	19	7.5	0.2	-6.2	-12.4	-36.7	-113	6
CS11	26.6	23.4	10.6	0.3	-6.5	-12.8	-37.6	-115.5	9.4
CS12	26.4	23.2	10.4	0.1	-7	-13.5	-39	-119.8	9.3
CS13	24.2	20.9	8	-0.4	-6.9	-13.4	-38.9	-119.3	7.2
CS14	24	20.8	7.9	-0.2	-6.7	-13.1	-38.1	-117	7.1
CS15	23.9	20.6	7.7	0	-6.4	-12.7	-37.3	-114.6	7
CS16	24	20.7	7.9	0.3	-6.1	-12.3	-36.5	-112.4	7.1
CS17	24	20.8	7.9	0.5	-5.8	-11.9	-35.8	-110.1	7.2
CS18	24.2	21	8.2	0.7	-5.5	-11.6	-35	-108	7.5
CS19	24.7	21.4	8.6	1	-5.3	-11.2	-34.3	-105.9	7.9
CS20	36.8	35.3	23.9	14.5	5.9	-2.8	-28.3	-101.5	21.7
CS21	37.3	35.9	24.6	15.5	6.9	-1.6	-26.8	-98.7	22.3
CS22	38.7	38.2	28.2	20.6	13.7	6.6	-17.2	-87.2	25.5
BS1	26.1	22.9	10	-0.3	-7	-13.5	-39	-119.7	9
BS2	23.6	20.3	7.5	-0.4	-6.9	-13.4	-38.9	-119.2	6.7
BS3	24.3	21.1	8.2	-0.7	-7.3	-13.9	-39.7	-121.9	7.3
BS4	24.8	21.5	8.6	-1	-7.6	-14.3	-40.8	-124.9	7.6
BS5	25	21.7	8.8	-1.2	-7.9	-14.7	-41.6	-127.4	7.8
BS6	25	21.8	8.8	-1.5	-8.3	-15.2	-42.7	-130.6	7.8

BS7	24.9	21.6	8.7	-1.5	-8.2	-15.2	-42.6	-130.3	7.7
BS8	24.7	21.4	8.5	-1.3	-8	-14.8	-41.7	-127.8	7.5
BS9	25.9	22.7	9.8	-0.5	-7.6	-14.4	-40.8	-125.1	8.7
BS10	26	22.8	9.9	-0.4	-7.4	-14	-40	-122.7	8.8
R12	40.9	37.7	25.4	16.8	10.3	4.6	-17.3	-81.9	24.1
CS1	30.7	27.7	15.1	5.2	-3.2	-8.6	-29	-90.6	13.8
CS2	30.5	27.5	14.9	5	-3	-8.3	-28.5	-89.2	13.6
CS3	26.4	23.3	10.6	2.7	-3.2	-8.6	-29	-90.5	9.7
CS4	22.8	19.6	9.6	2.5	-3.4	-8.8	-29.5	-91.9	7.4
CS5	21.8	19.1	9.4	2.4	-3.6	-9.1	-29.9	-93.3	7
CS6	21.8	19	9.2	2.2	-3.8	-9.4	-30.5	-94.9	6.8
CS7	21.6	18.8	9.1	2	-4	-9.6	-31.1	-96.6	6.6
CS8	21.9	18.7	8.9	1.8	-4.3	-9.9	-31.7	-98.3	6.5
CS9	22.5	19.2	8.7	1.6	-4.5	-10.3	-32.3	-100.2	6.7
CS10	22.9	19.6	8.5	1.4	-4.8	-10.6	-33	-102.1	6.8
CS11	26.9	23.7	11	1.1	-5	-10.9	-33.7	-104.2	9.9
CS12	26.7	23.5	10.8	0.7	-5.6	-11.7	-35.2	-108.5	9.7
CS13	24.7	21.4	8.6	0.7	-5.6	-11.7	-35.2	-108.5	7.8
CS14	24.5	21.3	8.5	0.9	-5.3	-11.3	-34.5	-106.5	7.7
CS15	24.4	21.1	8.3	1.1	-5.1	-11	-33.9	-104.6	7.6
CS16	24.2	21	8.4	1.3	-4.9	-10.7	-33.2	-102.8	7.6
CS17	24.3	21	8.6	1.5	-4.6	-10.4	-32.6	-101	7.7
CS18	24.4	21.1	8.8	1.7	-4.4	-10.1	-32.1	-99.4	7.8
CS19	24.6	21.4	8.9	1.9	-4.2	-9.9	-31.5	-97.8	8.1
CS20	25	21.8	9.1	2	-4	-9.6	-31	-96.3	8.4
CS21	26.3	23.2	10.5	2.2	-3.8	-9.4	-30.5	-95	9.6
CS22	30.1	27.1	14.5	4.5	-3.6	-9.1	-30.1	-93.7	13.2
BS1	24.4	21.2	8.4	0.7	-5.5	-11.6	-35	-107.9	7.6
BS2	24.9	21.6	8.8	0.8	-5.4	-11.4	-34.7	-107	8
BS3	25.4	22.2	9.4	0.6	-5.7	-11.8	-35.5	-109.3	8.5
BS4	25.7	22.5	9.7	0.3	-6	-12.2	-36.4	-112	8.7
BS5	26	22.8	10	0.1	-6.3	-12.6	-37.1	-114.2	9
BS6	25.8	22.6	9.7	-0.3	-6.7	-13.1	-38.3	-117.5	8.7
BS7	25.7	22.5	9.7	-0.3	-6.7	-13.2	-38.3	-117.6	8.6
BS8	25.6	22.4	9.5	0	-6.5	-12.8	-37.5	-115.4	8.5
BS9	25.3	22.1	9.2	0.2	-6.2	-12.4	-36.7	-113	8.3
BS10	26.3	23.2	10.4	0.4	-5.9	-12.1	-36	-110.9	9.3
R13	43.1	40.3	28.3	20	13.6	8.2	-10.6	-64.1	26.8
CS1	37.5	35.3	23.3	13.8	5.4	-2.3	-22.9	-74.6	21.5
CS2	27.9	24.8	12.3	5.1	-0.4	-5.1	-22.5	-72.5	11.5
CS3	25	21.8	11.8	5	-0.6	-5.3	-22.7	-73.2	9.7
CS4	24.2	21.2	11.7	4.9	-0.7	-5.4	-23	-74	9.4
CS5	23.4	21.1	11.6	4.7	-0.8	-5.6	-23.3	-74.8	9.2
CS6	23.4	21	11.4	4.6	-1	-5.8	-23.7	-76	9.1
CS7	23.3	20.9	11.3	4.4	-1.2	-6.1	-24.2	-77.2	8.9
CS8	23.7	20.7	11.1	4.2	-1.4	-6.3	-24.7	-78.5	8.8
CS9	24.2	21	10.9	4	-1.6	-6.6	-25.2	-80	8.8
CS10	27.9	24.7	12.2	3.8	-1.9	-6.9	-25.8	-81.6	11.2
CS11	27.8	24.6	12	3.6	-2.1	-7.2	-26.4	-83.4	11
CS12	27.5	24.3	11.7	3.1	-2.8	-8	-27.9	-87.7	10.7
CS13	27.4	24.3	11.6	3	-2.8	-8.1	-28.1	-88.1	10.6
CS14	26	22.8	10.2	3.2	-2.6	-7.8	-27.5	-86.4	9.5
CS15	25.8	22.7	10.4	3.4	-2.3	-7.5	-26.9	-84.8	9.5
CS16	25.7	22.5	10.5	3.6	-2.1	-7.2	-26.4	-83.3	9.4
CS17	25.7	22.5	10.7	3.8	-1.9	-7	-25.9	-81.9	9.5
CS18	25.7	22.5	10.8	3.9	-1.7	-6.8	-25.5	-80.8	9.6
CS19	25.8	22.6	11	4.1	-1.6	-6.5	-25.1	-79.6	9.7
CS20	26.1	23	11.1	4.2	-1.4	-6.4	-24.7	-78.7	10
CS21	26.4	23.3	11.2	4.3	-1.3	-6.2	-24.4	-77.9	10.2
CS22	27.8	24.6	12.1	4.4	-1.2	-6.1	-24.2	-77.2	11.2
BS1	26.3	23.1	10.5	3.2	-2.6	-7.9	-27.6	-86.8	9.7

BS2	26.7	23.5	10.9	3.3	-2.5	-7.7	-27.2	-85.6	10
BS3	27	23.8	11.2	3	-2.8	-8.1	-28	-87.7	10.3
BS4	29	25.9	13.3	3.4	-3.1	-8.5	-28.8	-90.2	12.1
BS5	30.3	27.3	14.7	4.8	-3.4	-8.9	-29.6	-92.3	13.4
BS6	30.1	27.1	14.5	4.5	-3.9	-9.5	-30.8	-95.7	13.2
BS7	28.4	25.3	12.7	2.7	-3.9	-9.5	-30.9	-96	11.5
BS8	26.9	23.7	11	2.3	-3.7	-9.2	-30.1	-93.9	10
BS9	26.8	23.6	11	2.6	-3.3	-8.8	-29.4	-91.7	10
BS10	26.5	23.3	10.7	2.8	-3.1	-8.4	-28.7	-89.9	9.8
R14	43.2	40.3	28	19	11.9	6	-14.7	-77.4	26.6
CS1	27.2	24	11.4	2.3	-3.7	-9.2	-30.2	-94	10.3
CS2	27.3	24.2	11.5	2.7	-3.2	-8.6	-29.1	-91	10.5
CS3	22.9	19.7	9.7	2.7	-3.2	-8.6	-29	-90.6	7.5
CS4	22.2	19.5	9.8	2.8	-3.1	-8.5	-28.8	-90.1	7.4
CS5	21.8	19.5	9.8	2.8	-3.1	-8.4	-28.7	-89.7	7.4
CS6	21.9	19.5	9.8	2.8	-3	-8.4	-28.6	-89.6	7.4
CS7	21.9	19.5	9.8	2.8	-3	-8.4	-28.6	-89.5	7.4
CS8	22.6	19.5	9.8	2.8	-3	-8.4	-28.6	-89.6	7.4
CS9	23.3	20	9.8	2.8	-3.1	-8.4	-28.7	-89.9	7.7
CS10	27.4	24.2	11.6	2.8	-3.1	-8.5	-28.8	-90.2	10.5
CS11	26.8	23.6	11	2.7	-3.2	-8.6	-29	-90.8	10
CS12	30.7	27.7	15.1	5.2	-3.7	-9.2	-30.3	-94.3	13.8
CS13	26.6	23.5	10.8	2.1	-3.9	-9.5	-30.9	-96	9.8
CS14	27.1	24	11.3	2.1	-3.9	-9.4	-30.7	-95.5	10.3
CS15	25	21.8	9.2	2.2	-3.8	-9.4	-30.5	-95	8.4
CS16	24.7	21.5	9.3	2.2	-3.8	-9.3	-30.4	-94.7	8.3
CS17	24.4	21.2	9.3	2.2	-3.7	-9.3	-30.4	-94.5	8.1
CS18	24.3	21.1	9.3	2.2	-3.7	-9.3	-30.4	-94.5	8
CS19	24.3	21.1	9.3	2.2	-3.7	-9.3	-30.4	-94.5	8
CS20	24.3	21.1	9.3	2.2	-3.8	-9.3	-30.4	-94.7	8
CS21	24.6	21.4	9.2	2.2	-3.8	-9.4	-30.6	-95.1	8.2
CS22	24.8	21.6	9.2	2.1	-3.9	-9.5	-30.7	-95.5	8.3
BS1	31.1	28.1	15.6	5.7	-3.2	-8.9	-29.6	-92.4	14.2
BS2	29.1	26	13.4	3.4	-3.2	-8.5	-28.9	-90.4	12.2
BS3	28.8	25.7	13.1	3.1	-3.3	-8.7	-29.2	-91.3	11.8
BS4	28.5	25.4	12.8	2.8	-3.5	-8.9	-29.6	-92.5	11.6
BS5	32.4	29.6	17.1	7.2	-1.7	-9.1	-30	-93.6	15.6
BS6	32.8	30.1	17.6	7.7	-1.3	-9.7	-31.1	-96.7	16.1
BS7	32	29.2	16.7	6.7	-2.3	-9.9	-31.6	-98	15.2
BS8	31.7	28.8	16.3	6.3	-2.6	-9.7	-31.2	-96.9	14.9
BS9	31.8	28.9	16.4	6.5	-2.5	-9.5	-30.9	-95.9	15
BS10	31.9	29.1	16.6	6.6	-2.3	-9.4	-30.6	-95.2	15.2
R15	40.6	37.4	25.5	18.6	12.8	7.8	-11.1	-65.1	24.4
CS1	24.3	21.1	8.9	1.8	-4.3	-9.9	-31.7	-98.3	7.9
CS2	23.2	20	9.3	2.2	-3.7	-9.3	-30.4	-94.6	7.4
CS3	22.8	19.6	9.5	2.4	-3.5	-9	-29.7	-92.7	7.3
CS4	22.3	19.4	9.7	2.7	-3.2	-8.6	-29	-90.6	7.3
CS5	22.4	19.6	9.9	2.9	-2.9	-8.2	-28.3	-88.6	7.5
CS6	22.5	19.8	10.1	3.1	-2.7	-7.9	-27.7	-86.9	7.7
CS7	23.2	20	10.3	3.4	-2.4	-7.6	-27	-85.1	8
CS8	24	20.8	10.5	3.6	-2.2	-7.3	-26.5	-83.5	8.5
CS9	26.3	23.2	10.7	3.8	-1.9	-7	-25.9	-82	9.9
CS10	26.4	23.3	10.9	4	-1.7	-6.7	-25.4	-80.5	10
CS11	26.5	23.3	11	4.1	-1.5	-6.5	-25	-79.4	10.2
CS12	26.2	23.1	10.8	3.9	-1.8	-6.9	-25.7	-81.3	9.9
CS13	25.9	22.7	10.4	3.5	-2.3	-7.4	-26.8	-84.3	9.5
CS14	25.9	22.7	10.3	3.3	-2.4	-7.6	-27.2	-85.5	9.4
CS15	25.8	22.6	10.1	3.2	-2.6	-7.9	-27.6	-86.7	9.3
CS16	25.7	22.5	10	3	-2.8	-8.1	-28.1	-88	9.2
CS17	25.5	22.3	9.8	2.8	-3	-8.4	-28.6	-89.4	9
CS18	25.1	21.9	9.7	2.6	-3.2	-8.7	-29.1	-91	8.7

CS19	24.8	21.6	9.5	2.5	-3.5	-8.9	-29.7	-92.6	8.4
CS20	24.7	21.5	9.3	2.2	-3.7	-9.3	-30.3	-94.4	8.3
CS21	24.6	21.4	9.1	2	-4	-9.6	-31	-96.2	8.1
CS22	24.7	21.5	8.9	1.8	-4.2	-9.9	-31.6	-98.2	8.1
BS1	26.5	23.4	11.1	4.3	-1.3	-6.3	-24.5	-78.2	10.2
BS2	26.8	23.7	11.5	4.6	-0.9	-5.7	-23.6	-75.5	10.6
BS3	26.9	23.8	11.6	4.8	-0.8	-5.6	-23.2	-74.5	10.7
BS4	27	23.8	11.7	4.9	-0.6	-5.4	-22.9	-73.7	10.8
BS5	27	23.9	11.8	5	-0.6	-5.3	-22.7	-73.2	10.8
BS6	26.7	23.6	11.5	4.6	-0.9	-5.8	-23.6	-75.6	10.5
BS7	26.4	23.3	11.2	4.3	-1.3	-6.3	-24.5	-78.1	10.2
BS8	26.4	23.2	11.1	4.2	-1.4	-6.3	-24.7	-78.5	10.1
BS9	26.3	23.2	11	4.1	-1.5	-6.5	-24.9	-79.2	10.1
BS10	26.3	23.1	10.9	4	-1.7	-6.7	-25.3	-80.2	10
R16	44.1	41.2	28.7	19	10.6	3.4	-19.8	-88.7	27.3
CS1	22.4	19.1	6.4	-1	-7.7	-14.4	-40.9	-125.3	5.6
CS2	21.1	17.8	6.7	-0.7	-7.2	-13.8	-39.6	-121.6	4.9
CS3	20.7	17.4	6.9	-0.5	-7	-13.5	-39	-119.7	4.8
CS4	20.2	17	7.1	-0.2	-6.7	-13.1	-38.2	-117.4	4.6
CS5	20.2	17.1	7.2	0	-6.5	-12.8	-37.5	-115.3	4.8
CS6	20.4	17.3	7.4	0.1	-6.2	-12.5	-36.9	-113.5	5
CS7	21.2	17.9	7.6	0.4	-6	-12.2	-36.2	-111.4	5.4
CS8	22.1	18.8	7.8	0.6	-5.7	-11.9	-35.6	-109.6	6
CS9	32.4	29.7	17.2	7.2	-2	-11	-35	-107.9	15.8
CS10	31.2	28.3	15.7	5.7	-3.5	-11.3	-34.4	-106.1	14.3
CS11	31.3	28.4	15.8	5.8	-3.4	-11	-33.8	-104.5	14.4
CS12	31.4	28.5	16	5.9	-3.2	-11.2	-34.3	-105.9	14.6
CS13	31.2	28.3	15.7	5.6	-3.6	-11.8	-35.4	-109.1	14.4
CS14	31.4	28.6	16	5.9	-3.3	-12	-35.9	-110.6	14.6
CS15	31.7	28.9	16.3	6.3	-3	-12.2	-36.4	-112.1	14.9
CS16	31.9	29.2	16.7	6.6	-2.7	-12	-37	-113.8	15.2
CS17	23.8	20.5	7.6	-0.1	-6.5	-12.8	-37.6	-115.4	6.9
CS18	23.3	20.1	7.2	-0.2	-6.7	-13.1	-38.2	-117.2	6.5
CS19	22.9	19.6	6.9	-0.4	-6.9	-13.4	-38.8	-119	6.1
CS20	22.8	19.5	6.7	-0.6	-7.1	-13.7	-39.4	-121	6
CS21	22.7	19.4	6.6	-0.8	-7.4	-14	-40.1	-122.9	5.9
CS22	22.8	19.5	6.5	-1	-7.6	-14.3	-40.8	-125	5.9
BS1	30.2	27.2	14.6	4.5	-4.6	-10.7	-33.2	-102.7	13.3
BS2	28.3	25.1	12.5	2.4	-4.5	-10.2	-32.3	-100	11.3
BS3	28.1	25	12.3	2.2	-4.3	-10	-31.7	-98.5	11.1
BS4	31.7	28.9	16.3	6.4	-2.6	-9.7	-31.2	-97	14.9
BS5	31.8	28.9	16.4	6.4	-2.5	-9.5	-30.9	-95.9	15
BS6	31.6	28.7	16.2	6.2	-2.8	-9.8	-31.5	-97.7	14.8
BS7	31.3	28.4	15.9	5.9	-3.2	-10.3	-32.4	-100.5	14.5
BS8	31.3	28.4	15.8	5.8	-3.3	-10.5	-32.8	-101.4	14.5
BS9	31.1	28.2	15.6	5.5	-3.6	-10.7	-33.2	-102.8	14.2
BS10	31.1	28.2	15.6	5.5	-3.6	-11	-33.7	-104.2	14.2
R17	47.1	45.7	34.9	27.1	20.5	14.3	-8.4	-78.1	32.7
CS1	21.8	18.4	5.3	-2.7	-9.8	-17.2	-47	-143.7	4.7
CS2	20.5	17.1	5.2	-2.4	-9.4	-16.7	-45.8	-140.1	3.8
CS3	20.1	16.8	5.4	-2.2	-9.1	-16.3	-44.9	-137.5	3.7
CS4	20.1	16.7	5.6	-1.9	-8.7	-15.8	-44	-134.5	3.8
CS5	20.1	16.8	5.8	-1.6	-8.4	-15.4	-43.1	-131.8	3.9
CS6	20.8	17.5	6	-1.4	-8.1	-15	-42.2	-129.2	4.4
CS7	22	18.7	6.3	-1.1	-7.8	-14.6	-41.3	-126.4	5.3
CS8	30.2	27.3	14.6	4.4	-5.2	-14.2	-40.4	-123.8	13.3
CS9	30.5	27.6	15	4.8	-4.7	-13.7	-39.5	-121.2	13.6
CS10	30.9	28	15.4	5.2	-4.2	-13.3	-38.6	-118.5	14
CS11	31	28.1	15.5	5.3	-4	-12.9	-37.8	-116	14.1
CS12	31.8	29.1	16.5	6.4	-2.9	-12.3	-37.7	-115.7	15.1
CS13	31.9	29.2	16.6	6.5	-2.9	-12.4	-38.9	-119.3	15.2

CS14	30.9	28.1	15.4	5.2	-4.3	-13.8	-39.7	-121.8	14.1
CS15	30.5	27.6	15	4.7	-4.8	-14.2	-40.5	-124.2	13.6
CS16	30.2	27.3	14.6	4.3	-5.3	-14.6	-41.4	-126.7	13.3
CS17	29.8	26.9	14.2	3.9	-5.8	-15	-42.2	-129.3	12.9
CS18	29.5	26.6	13.8	3.5	-6.2	-15.4	-43.1	-131.9	12.6
CS19	23.4	20.1	7.1	-1.9	-8.7	-15.8	-43.9	-134.4	6.2
CS20	22.9	19.5	6.5	-2.1	-9	-16.2	-44.8	-137.1	5.7
CS21	22.6	19.2	6.2	-2.4	-9.3	-16.6	-45.7	-139.7	5.4
CS22	22.4	19.1	6	-2.6	-9.6	-17	-46.6	-142.4	5.3
BS1	30.1	27.1	14.4	4.3	-5	-12.3	-36.5	-112.4	13.1
BS2	28.3	25.2	12.4	2.3	-5.8	-11.9	-35.7	-109.8	11.2
BS3	28.2	25.1	12.3	2.2	-5.4	-11.5	-34.7	-107.2	11.1
BS4	38.4	38.1	28.3	21.1	14.9	9	-13.8	-84.3	25.7
BS5	38.6	38.3	28.5	21.4	15.2	9.4	-13	-82.1	25.9
BS6	38.6	38.2	28.5	21.3	15.2	9.3	-13.2	-82.5	25.9
BS7	36.2	34.4	22.7	13.2	4.3	-4.4	-30.4	-104.8	20.7
BS8	35.8	34	22.1	12.5	3.6	-5.3	-31.6	-107.4	20.2
BS9	35.7	33.8	22	12.4	3.4	-5.5	-32.3	-109.8	20
BS10	30.8	28	15.3	5.2	-4.1	-12.4	-36.7	-112.9	14
R18	51.5	49.5	37.8	28.6	20.5	13.6	-4.6	-49.4	35.8
CS1	25.3	22	9.3	1	-5.2	-11.2	-34.2	-105.6	8.4
CS2	24.2	21	8.5	1.4	-4.8	-10.6	-33	-102	7.6
CS3	24.4	21.2	8.8	1.7	-4.4	-10.1	-31.9	-99	7.9
CS4	24.5	21.3	9.2	2.1	-3.9	-9.5	-30.7	-95.6	8.1
CS5	32.3	29.5	17	7.1	-1.8	-8.9	-29.6	-92.4	15.6
CS6	32.7	29.9	17.4	7.5	-1.3	-8.3	-28.5	-89.3	16
CS7	33.1	30.3	17.9	8	-0.7	-7.7	-27.3	-86	16.4
CS8	33.5	30.7	18.3	8.5	-0.2	-7.1	-26.2	-82.8	16.8
CS9	33.9	31.1	18.8	9	0.4	-6.5	-25.1	-79.6	17.3
CS10	34.3	31.6	19.2	9.5	1	-5.9	-23.9	-76.4	17.7
CS11	34.7	32	19.6	10	1.5	-5.3	-22.7	-73.2	18.1
CS12	39	37.1	25.4	16.1	7.9	0.3	-19.8	-71.8	23.4
CS13	38.4	36.5	24.7	15.4	7.1	-0.6	-21.4	-75.6	22.8
CS14	34.2	31.4	19.1	9.3	0.7	-6.3	-24.7	-78.6	17.6
CS15	33.8	31	18.6	8.9	0.2	-6.9	-25.8	-81.6	17.1
CS16	33.4	30.6	18.2	8.4	-0.3	-7.5	-26.9	-84.7	16.7
CS17	33	30.2	17.8	7.9	-0.9	-8.1	-28	-87.8	16.3
CS18	32.6	29.8	17.3	7.4	-1.4	-8.6	-29.1	-90.9	15.9
CS19	32.2	29.4	16.9	7	-1.9	-9.2	-30.2	-94	15.5
CS20	31.9	29	16.5	6.5	-2.4	-9.7	-31.3	-97.1	15.1
CS21	31.5	28.7	16.1	6.1	-2.9	-10.3	-32.4	-100.3	14.7
CS22	31.2	28.3	15.7	5.7	-3.4	-10.8	-33.5	-103.4	14.4
BS1	34.1	31.3	18.9	9.3	0.9	-4.3	-21	-68.5	17.5
BS2	33.2	30.3	17.9	8.2	0.6	-3.8	-20.1	-66.1	16.5
BS3	33.3	30.4	18	8.4	1.2	-3.1	-18.8	-62.7	16.6
BS4	41	39.3	27.8	18.7	10.8	3.7	-14.3	-58.9	25.7
BS5	41.6	40	28.6	19.6	11.8	4.8	-12.7	-55.5	26.5
BS6	41.9	40.3	29	20.1	12.3	5.4	-12	-54.5	26.8
BS7	41.1	39.5	28	19	11.1	4.1	-13.9	-58.5	25.9
BS8	40.7	38.9	27.4	18.3	10.4	3.2	-15.2	-61.5	25.4
BS9	40	38.2	26.6	17.4	9.3	2.1	-16.9	-65.1	24.6
BS10	39.4	37.5	25.9	16.6	8.5	1	-18.5	-68.2	23.9
R19	52	50.7	39.9	31.7	24.6	18	-1	-50.5	37.6
CS1	24.9	21.6	8.8	-0.2	-6.6	-13	-37.9	-116.5	7.9
CS2	23.9	20.6	7.8	0.2	-6.2	-12.4	-36.8	-113.1	7
CS3	24.1	20.8	8	0.5	-5.8	-11.9	-35.7	-110.1	7.3
CS4	31.6	28.8	16.2	6.2	-3	-11.4	-34.6	-106.6	14.8
CS5	31.9	29.1	16.6	6.6	-2.5	-10.8	-33.4	-103.4	15.2
CS6	32.3	29.5	17	7	-2	-10.3	-32.4	-100.2	15.5
CS7	32.6	29.8	17.4	7.4	-1.5	-9.7	-31.2	-96.9	15.9
CS8	33	30.2	17.8	7.9	-1	-9.1	-30	-93.6	16.3

CS9	33.3	30.6	18.1	8.3	-0.5	-8.5	-28.9	-90.4	16.7
CS10	33.7	30.9	18.5	8.7	0	-7.9	-27.7	-87.1	17
CS11	33.9	31.2	18.8	9	0.4	-7.3	-26.6	-83.8	17.3
CS12	39.4	38.3	27.3	18.5	10.5	2.8	-18.9	-78	24.9
CS13	38.5	37	25.6	16.5	8.1	0.2	-22.3	-83.6	23.4
CS14	38.2	36.8	25.4	16.2	7.9	-0.2	-23.1	-86.6	23.2
CS15	38	36.6	25.2	16.1	7.7	-0.5	-24	-89.4	23
CS16	32.9	30.1	17.7	7.8	-1.2	-9.4	-30.6	-95.2	16.2
CS17	32.5	29.8	17.3	7.3	-1.6	-9.9	-31.7	-98.3	15.8
CS18	32.2	29.4	16.9	6.9	-2.1	-10.5	-32.8	-101.5	15.5
CS19	31.9	29.1	16.5	6.5	-2.6	-11	-33.9	-104.7	15.1
CS20	31.6	28.7	16.2	6.1	-3.1	-11.6	-35	-107.9	14.8
CS21	31.2	28.4	15.8	5.7	-3.6	-12.1	-36.1	-111	14.4
CS22	30.9	28.1	15.4	5.3	-4	-12.6	-37.2	-114.2	14.1
BS1	37.4	35.2	23.2	13.7	5.3	-2.6	-23.9	-78.9	21.4
BS2	32.6	29.7	17.2	7.4	-1.1	-6	-24	-76.7	15.8
BS3	41.2	40.5	30.3	22.4	15.2	8.4	-11.5	-64.7	27.6
BS4	41.7	41.2	31.2	23.5	16.7	10.2	-8.9	-59.6	28.5
BS5	42.2	41.8	31.9	24.5	18	11.9	-6.5	-55.1	29.3
BS6	42.4	41.9	32.1	24.7	18.3	12.3	-5.9	-53.9	29.4
BS7	40.1	38.5	27.1	18.1	10	2.7	-16.9	-67.4	25
BS8	39.7	38.1	26.6	17.5	9.4	1.9	-18.2	-70.6	24.5
BS9	39.1	37.3	25.8	16.5	8.3	0.7	-20	-74.6	23.7
BS10	38.7	36.9	25.3	16.1	7.8	0	-21.2	-77.9	23.3
R20	52.2	51.3	41	33.3	26.9	20.9	-0.1	-60.2	38.5
CS1	33.2	31.1	18.9	8.9	-0.7	-10.8	-42.4	-137.5	17.2
CS2	36.1	35.7	25.6	18.1	11.3	4.2	-23.9	-114.5	23
CS3	36.3	35.9	25.9	18.4	11.6	4.7	-22.9	-111.3	23.2
CS4	36.6	36.2	26.2	18.7	12	5.2	-21.7	-107.8	23.5
CS5	36.8	36.4	26.4	19	12.4	5.7	-20.6	-104.5	23.8
CS6	37.1	36.7	26.7	19.4	12.8	6.2	-19.5	-101.3	24.1
CS7	37.3	36.9	27	19.7	13.2	6.8	-18.4	-97.8	24.4
CS8	36.4	35.1	23.9	14.7	6	-3	-30.3	-110.5	21.6
CS9	36.6	35.3	23.9	14.7	6	-2.8	-29.6	-107.5	21.7
CS10	36.9	35.6	24.3	15.2	6.6	-2.1	-28.3	-104	22
CS11	37	35.6	24.3	15.1	6.4	-2.2	-27.8	-101.3	22
CS12	37.3	36	24.7	15.6	7	-1.4	-26.6	-98.2	22.4
CS13	38.4	38.1	28.2	21.1	14.9	9	-13.9	-84.7	25.7
CS14	36.3	34.7	23.1	13.7	4.9	-4	-30.3	-106.2	21
CS15	35.8	34.1	22.4	12.9	3.9	-5.1	-32	-110.1	20.4
CS16	35.4	33.6	21.7	12.1	3	-6.1	-33.6	-114	19.8
CS17	35	33.1	21.1	11.4	2.3	-7	-35.1	-117.7	19.2
CS18	34.5	32.6	20.6	10.8	1.5	-7.9	-36.6	-121.4	18.7
CS19	34.2	32.1	20	10.2	0.8	-8.7	-38	-124.7	18.2
CS20	33.8	31.7	19.6	9.6	0.2	-9.5	-39.4	-128	17.8
CS21	33.4	31.3	19.1	9.1	-0.4	-10.3	-40.8	-131.3	17.4
CS22	33.1	30.9	18.6	8.6	-1	-11	-42.1	-134.7	16.9
BS1	35.3	33	20.9	11.1	2.3	-6.4	-31.2	-99	19.2
BS2	39.1	38.7	29	21.9	15.9	10.2	-11.4	-77.4	26.4
BS3	39.4	39.1	29.4	22.3	16.4	10.9	-10.1	-73.7	26.8
BS4	39.8	39.5	29.8	22.8	16.9	11.6	-8.7	-69.7	27.3
BS5	40.1	39.8	30.2	23.2	17.4	12.2	-7.5	-66.5	27.6
BS6	40.3	40	30.4	23.5	17.7	12.5	-6.8	-64.5	27.9
BS7	40.1	39.8	30.1	23.1	17.3	12.1	-7.7	-67	27.6
BS8	38.2	36.7	25.4	16.3	7.9	-0.2	-23.4	-87.8	23.2
BS9	37.6	36	24.5	15.3	6.8	-1.5	-25.4	-92.2	22.4
BS10	37	35.4	23.7	14.4	5.7	-2.7	-27.2	-96.2	21.7
R21	52.1	51.2	40.8	33.2	26.8	21.1	0.3	-60.6	38.4
CS1	32.8	30.5	18.2	8.1	-1.6	-11.7	-43.5	-138.3	16.5
CS2	33	30.8	18.6	8.5	-1.1	-11.1	-42.4	-135.5	16.9
CS3	33.3	31.2	19	9	-0.6	-10.5	-41.1	-132.3	17.3

CS4	33.7	31.6	19.5	9.5	0.1	-9.7	-39.7	-128.8	17.7
CS5	34.1	32	20	10.1	0.7	-8.9	-38.3	-125.5	18.1
CS6	34.5	32.5	20.5	10.6	1.4	-8.1	-37	-122.2	18.6
CS7	34.9	33	21	11.3	2.1	-7.2	-35.4	-118.5	19.1
CS8	35.3	33.5	21.6	12	2.9	-6.2	-33.9	-114.7	19.7
CS9	35.8	34	22.3	12.7	3.8	-5.2	-32.3	-110.9	20.3
CS10	36.2	34.6	23	13.6	4.7	-4.1	-30.6	-106.9	20.9
CS11	36.8	35.3	23.8	14.5	5.8	-2.9	-28.7	-102.8	21.6
CS12	38.6	38.3	28.5	21.4	15.2	9.4	-13	-82.1	25.9
CS13	38.4	38	28.2	21	14.8	8.9	-14	-85.1	25.6
CS14	38.1	37.7	27.9	20.7	14.4	8.3	-15.2	-88.4	25.3
CS15	37	35.9	24.9	16	7.6	-1.1	-28	-106.3	22.4
CS16	36.4	35.2	24	14.8	6.1	-2.8	-30.3	-110.9	21.6
CS17	36	34.6	23.2	13.9	5	-4.2	-32.3	-115.2	20.9
CS18	35.5	34	22.4	13	4	-5.4	-34.1	-119.2	20.3
CS19	35.1	33.5	21.8	12.2	3	-6.4	-35.8	-123.1	19.7
CS20	34.7	33	21.2	11.5	2.2	-7.4	-37.4	-127	19.2
CS21	34.3	32.5	20.6	10.9	1.5	-8.3	-38.9	-130.7	18.7
CS22	33.9	32.1	20.1	10.2	0.8	-9.2	-40.4	-134.4	18.2
BS1	35.2	32.9	20.8	11	2.1	-6.5	-31.5	-99.9	19.1
BS2	36.9	35.2	23.6	14.2	5.5	-3	-27.6	-97.3	21.5
BS3	37.5	35.9	24.4	15.1	6.6	-1.7	-25.8	-93.1	22.3
BS4	39.7	39.4	29.7	22.7	16.8	11.4	-9.1	-70.9	27.1
BS5	40	39.7	30	23.1	17.2	12	-7.9	-67.6	27.5
BS6	40.2	40	30.3	23.4	17.6	12.4	-7.1	-65.3	27.8
BS7	40	39.7	30	23.1	17.2	12	-7.9	-67.6	27.5
BS8	39.7	39.4	29.7	22.7	16.8	11.4	-9.1	-70.8	27.1
BS9	39.3	39	29.3	22.2	16.3	10.7	-10.4	-74.6	26.7
BS10	39	38.7	28.9	21.8	15.8	10.1	-11.6	-78.1	26.3
R22	54.5	53.9	43.8	36.5	30.5	25.3	7.2	-41.5	41.4
CS1	37.2	36.4	25.8	17.3	9.2	0.7	-26.1	-105.3	23.2
CS2	36.7	35.5	24.2	15.1	6.5	-2.3	-29.1	-107.2	21.9
CS3	37	35.7	24.5	15.4	6.8	-1.8	-28.1	-104.3	22.2
CS4	37.2	35.9	24.7	15.6	7	-1.5	-27.3	-101.2	22.3
CS5	37.4	36.1	24.8	15.7	7.2	-1.3	-26.5	-98.4	22.5
CS6	37.6	36.3	25.1	16	7.5	-0.8	-25.5	-95.5	22.8
CS7	37.8	36.5	25.2	16.2	7.7	-0.5	-24.7	-92.6	23
CS8	38.1	36.7	25.4	16.4	8	-0.2	-23.8	-89.7	23.2
CS9	38.4	37	25.7	16.7	8.3	0.3	-22.8	-86.7	23.4
CS10	39.1	38	27.1	18.3	10.3	2.5	-20	-81.9	24.6
CS11	40	39.3	28.9	20.8	13.4	6.1	-15.6	-75.4	26.3
CS12	40.9	40.6	31	24.2	18.5	13.5	-4.9	-59.1	28.5
CS13	40.7	40.4	30.8	23.9	18.3	13.2	-5.5	-60.8	28.3
CS14	40.4	40.1	30.5	23.5	17.8	12.6	-6.6	-63.9	27.9
CS15	40	39.8	30.1	23.1	17.3	12	-7.8	-67.2	27.6
CS16	39.7	39.4	29.7	22.7	16.8	11.5	-8.9	-70.4	27.2
CS17	39.4	39.1	29.4	22.3	16.4	10.9	-10	-73.6	26.8
CS18	39.1	38.8	29	22	16	10.3	-11.1	-76.8	26.5
CS19	38.8	38.5	28.7	21.6	15.5	9.8	-12.3	-80	26.1
CS20	38.5	38.2	28.4	21.2	15.1	9.2	-13.4	-83.2	25.8
CS21	38.3	37.9	28.1	20.9	14.7	8.7	-14.5	-86.4	25.5
CS22	38	37.6	27.8	20.5	14.3	8.1	-15.6	-89.7	25.2
BS1	37.5	35.4	23.5	14	5.6	-2.3	-23.5	-78.4	21.6
BS2	38.5	36.7	25.1	15.8	7.5	-0.3	-21.5	-78.3	23.1
BS3	38.9	37.1	25.5	16.3	8	0.4	-20.4	-75.2	23.5
BS4	39.2	37.4	25.7	16.5	8.3	0.7	-19.4	-72	23.7
BS5	39.3	37.4	25.8	16.5	8.3	0.9	-18.8	-69.4	23.8
BS6	42.5	42.3	32.8	26	20.7	16.2	0	-45.9	30.3
BS7	42.4	42.2	32.7	25.9	20.6	16.1	-0.2	-46.5	30.3
BS8	42.1	41.8	32.3	25.5	20.1	15.5	-1.3	-49.3	29.9
BS9	41.7	41.4	31.9	25.1	19.6	14.8	-2.5	-52.5	29.4
BS10	41.3	41.1	31.5	24.6	19.1	14.3	-3.6	-55.5	29

R23	57.2	56.7	46.8	39.7	34.2	29.8	14.7	-25	44.4
CS1	40.3	39.7	29.4	21.4	14.2	7.1	-14.1	-72.1	26.7
CS2	39.8	38.8	28	19.4	11.5	4	-17.4	-75.3	25.5
CS3	40.1	39.1	28.3	19.7	11.9	4.4	-16.6	-72.9	25.8
CS4	40.3	39.3	28.4	19.8	12	4.7	-15.9	-70.6	26
CS5	40.5	39.5	28.6	20	12.2	4.9	-15.3	-68.6	26.2
CS6	40.8	39.7	28.8	20.2	12.5	5.2	-14.6	-66.4	26.4
CS7	41	39.9	29	20.4	12.6	5.4	-14	-64.4	26.6
CS8	41.2	40.1	29.2	20.5	12.8	5.7	-13.4	-62.6	26.8
CS9	41.5	40.3	29.4	20.7	13	6	-12.8	-60.7	27
CS10	41.6	40.4	29.5	20.8	13.1	6.1	-12.4	-59.2	27.1
CS11	41.8	40.6	29.7	21	13.3	6.4	-11.8	-57.6	27.3
CS12	43.8	43.6	34.2	27.5	22.3	18.2	3.6	-36.6	31.8
CS13	43.9	43.7	34.3	27.6	22.5	18.4	3.8	-35.9	31.9
CS14	43.6	43.4	34	27.3	22.1	18	3.1	-37.8	31.6
CS15	43.3	43.1	33.7	27	21.7	17.5	2.3	-39.8	31.3
CS16	43	42.8	33.3	26.6	21.3	17	1.5	-42	30.9
CS17	42.7	42.5	33	26.3	20.9	16.5	0.6	-44.3	30.6
CS18	42.4	42.2	32.7	25.9	20.5	16	-0.3	-46.7	30.2
CS19	42.1	41.8	32.3	25.5	20.1	15.5	-1.2	-49.2	29.9
CS20	41.8	41.5	32	25.2	19.7	15	-2.2	-51.7	29.5
CS21	41.4	41.2	31.6	24.8	19.3	14.5	-3.1	-54.3	29.2
CS22	41.1	40.9	31.3	24.4	18.8	14	-4.1	-57	28.8
BS1	41.1	39.4	27.9	18.9	11	4	-13.9	-57.9	25.9
BS2	40	38	26.2	17	8.9	1.8	-16.4	-59.9	24.3
BS3	40.3	38.3	26.5	17.3	9.3	2.2	-15.8	-58.8	24.6
BS4	40.3	38.3	26.6	17.3	9.3	2.3	-15.5	-57.7	24.6
BS5	40.2	38.1	26.4	17.1	9.1	2.1	-15.6	-57.1	24.5
BS6	44.2	44	34.6	28	22.8	18.8	4.5	-34.1	32.2
BS7	44.5	44.3	34.9	28.3	23.2	19.3	5.3	-32.1	32.6
BS8	44.4	44.2	34.8	28.2	23.1	19.1	5	-32.8	32.4
BS9	44.2	44	34.6	28	22.9	18.8	4.6	-33.8	32.3
BS10	44	43.9	34.4	27.8	22.7	18.6	4.2	-34.9	32.1
R24	58.9	58.3	48.5	41.6	36.3	32.2	18.7	-16.4	46.2
CS1	42.6	41.9	31.7	23.8	16.7	10.2	-7.8	-53.5	29.1
CS2	41.9	40.8	30	21.4	13.8	6.8	-11.4	-57.5	27.5
CS3	42.2	41.1	30.2	21.6	14.1	7.2	-10.8	-55.7	27.8
CS4	42.4	41.2	30.3	21.8	14.2	7.4	-10.3	-54.1	27.9
CS5	42.5	41.4	30.4	21.8	14.3	7.5	-9.9	-52.8	28.1
CS6	42.7	41.6	30.6	22	14.5	7.7	-9.4	-51.4	28.3
CS7	42.9	41.7	30.7	22.1	14.5	7.8	-9.2	-50.4	28.3
CS8	43	41.8	30.8	22.2	14.6	7.9	-8.9	-49.5	28.4
CS9	43.1	41.9	30.9	22.2	14.7	8	-8.7	-48.7	28.5
CS10	43.1	41.8	30.8	22.2	14.6	8	-8.7	-48.4	28.5
CS11	43.2	41.9	30.9	22.2	14.7	8.1	-8.5	-48	28.6
CS12	45.2	45.1	35.7	29.2	24.2	20.4	7.2	-27.3	33.4
CS13	45.7	45.5	36.1	29.6	24.7	21	8.2	-25	33.9
CS14	45.6	45.4	36.1	29.6	24.6	20.9	8	-25.4	33.8
CS15	45.5	45.3	35.9	29.4	24.4	20.7	7.7	-26.2	33.6
CS16	45.3	45.1	35.8	29.2	24.2	20.4	7.3	-27.1	33.5
CS17	45.1	44.9	35.5	29	24	20.1	6.8	-28.4	33.2
CS18	44.8	44.7	35.3	28.7	23.7	19.8	6.2	-29.8	33
CS19	44.6	44.4	35	28.4	23.3	19.4	5.6	-31.5	32.7
CS20	44.3	44.1	34.7	28.1	23	19	4.8	-33.3	32.3
CS21	44	43.8	34.4	27.7	22.6	18.5	4.1	-35.3	32
CS22	43.7	43.5	34	27.4	22.2	18	3.2	-37.5	31.6
BS1	44.8	44.6	35.2	28.7	23.6	19.7	6.1	-30.1	32.9
BS2	40.9	38.9	27.1	17.9	10	3.1	-13.9	-52.7	25.2
BS3	41	39	27.3	18.1	10.2	3.3	-13.8	-53.3	25.4
BS4	40.9	38.8	27.1	17.9	10	3.1	-14.1	-54.1	25.2
BS5	40.6	38.5	26.8	17.6	9.6	2.7	-14.7	-55	24.9

BS6	42.2	40.6	29.2	20.3	12.5	5.7	-11.3	-52.3	27.1
BS7	44.8	44.6	35.2	28.7	23.6	19.7	6.1	-30	32.9
BS8	44.9	44.8	35.4	28.9	23.8	20	6.5	-29.1	33.1
BS9	45.1	44.9	35.6	29	24	20.2	6.9	-28.2	33.3
BS10	45.2	45	35.7	29.1	24.1	20.3	7.1	-27.6	33.4
R25	58.5	58	48.2	41.2	35.8	31.6	17.6	-19	45.8
CS1	44.1	44	34.5	27.9	22.8	18.8	4.5	-34.2	32.2
CS2	42.8	41.8	31.1	22.6	15.2	8.5	-8.8	-51.4	28.6
CS3	43	41.9	31.2	22.8	15.3	8.7	-8.5	-50.5	28.7
CS4	43	42	31.2	22.7	15.3	8.7	-8.4	-50	28.8
CS5	43	42	31.2	22.7	15.2	8.6	-8.4	-49.9	28.7
CS6	43.1	42	31.2	22.7	15.3	8.7	-8.3	-49.6	28.8
CS7	43	41.9	31.1	22.6	15.2	8.5	-8.5	-49.9	28.7
CS8	43	41.9	31.1	22.5	15.1	8.4	-8.7	-50.3	28.6
CS9	42.9	41.8	31	22.4	15	8.3	-8.9	-50.8	28.5
CS10	42.7	41.6	30.8	22.2	14.7	8	-9.3	-51.7	28.4
CS11	42.6	41.5	30.7	22.1	14.6	7.9	-9.6	-52.6	28.3
CS12	43.6	43	32.8	24.9	18	11.8	-5.1	-46.8	30.1
CS13	44.6	44.4	35	28.5	23.4	19.5	5.7	-31.2	32.7
CS14	44.8	44.6	35.2	28.7	23.6	19.7	6.1	-30.2	32.9
CS15	44.9	44.7	35.4	28.8	23.8	19.9	6.4	-29.4	33
CS16	45	44.8	35.5	28.9	23.9	20	6.6	-28.8	33.1
CS17	45	44.9	35.5	29	23.9	20.1	6.7	-28.6	33.2
CS18	45.1	44.9	35.5	29	24	20.1	6.8	-28.5	33.2
CS19	45	44.8	35.5	28.9	23.9	20	6.7	-28.7	33.2
CS20	44.9	44.8	35.4	28.8	23.8	19.9	6.5	-29.2	33.1
CS21	44.8	44.6	35.3	28.7	23.6	19.8	6.2	-30	32.9
CS22	44.6	44.5	35.1	28.5	23.4	19.5	5.8	-31	32.8
BS1	43.6	43.4	33.9	27.3	22.1	17.9	3	-37.9	31.6
BS2	40	38	26.3	17	9	1.8	-16.5	-60.8	24.3
BS3	40	38	26.3	17.1	9	1.8	-16.7	-62.5	24.4
BS4	39.7	37.8	26.1	16.8	8.7	1.4	-17.5	-64.5	24.1
BS5	39.4	37.4	25.7	16.4	8.2	0.9	-18.3	-66.2	23.7
BS6	40.3	38.6	27.1	17.9	9.9	2.6	-16.4	-64.9	25
BS7	43	42.8	33.3	26.6	21.4	17	1.5	-42	30.9
BS8	43.3	43.1	33.6	26.9	21.7	17.4	2.2	-40.2	31.2
BS9	43.6	43.4	33.9	27.3	22.1	17.9	3	-38.1	31.5
BS10	43.8	43.6	34.2	27.6	22.4	18.3	3.7	-36.3	31.8
R26	58.6	57.9	48.3	41.8	37.1	34.1	24.9	5.7	46.3
CS1	30.6	27.5	15	5.3	-0.9	-5.7	-23.4	-75	13.8
CS2	31	28	15.5	5.8	-0.3	-5	-22.2	-71.7	14.2
CS3	31.5	28.4	16	6.3	0.2	-4.3	-20.9	-68.4	14.7
CS4	32	29	16.6	6.9	0.9	-3.5	-19.5	-64.7	15.3
CS5	32.5	29.5	17.2	7.5	1.5	-2.8	-18.2	-61.2	15.8
CS6	33.1	30.1	17.8	8.2	2.1	-2	-16.9	-57.7	16.4
CS7	33.7	30.8	18.4	8.9	2.8	-1.2	-15.5	-54.1	17.1
CS8	34.4	31.4	19.1	9.6	3.5	-0.4	-14	-50.5	17.8
CS9	35.1	32.2	19.9	10.4	4.3	0.5	-12.6	-46.9	18.5
CS10	35.9	32.9	20.7	11.3	5.1	1.4	-11.1	-43.2	19.3
CS11	36.7	33.8	21.6	12.2	5.9	2.4	-9.5	-39.5	20.2
CS12	42.1	39.8	27.9	18.7	11	4.6	-8.6	-37.2	26.1
CS13	40.2	37.7	25.7	16.4	8.6	2	-10.3	-41.2	24
CS14	39.9	37.4	25.3	16	8.1	1.5	-11.7	-44.7	23.7
CS15	39.6	37.1	25.1	15.7	7.8	1	-13.1	-48.2	23.4
CS16	39.3	36.8	24.8	15.4	7.4	0.5	-14.5	-51.7	23.1
CS17	39	36.6	24.6	15.2	7.1	0.1	-15.9	-55.1	22.8
CS18	33	30.1	17.7	8.1	2	-2.2	-17.2	-58.6	16.4
CS19	32.5	29.5	17.1	7.5	1.3	-3	-18.6	-62.1	15.8
CS20	31.9	28.9	16.5	6.8	0.7	-3.7	-19.9	-65.5	15.2
CS21	31.4	28.4	16	6.3	0.1	-4.4	-21.1	-68.9	14.7
CS22	31	27.9	15.5	5.7	-0.4	-5.1	-22.4	-72.4	14.2

BS1	43.5	41.3	29.6	20.5	12.9	6.6	-7.1	-33.8	27.7
BS2	37.8	34.9	22.7	13.4	7.9	4.7	-6	-31.4	21.4
BS3	49.4	49.3	40	33.7	29.1	25.9	15.8	-7.2	37.9
BS4	50.5	50.5	41.3	35	30.4	27.5	18	-2.6	39.2
BS5	51.6	51.6	42.4	36.1	31.6	28.8	19.9	1.2	40.3
BS6	51.9	51.9	42.7	36.4	32	29.1	20.3	2.2	40.6
BS7	46.7	44.6	33	24	16.6	10.7	-1.6	-21.8	31.1
BS8	44.4	42	30.2	21	13.5	7.5	-3.2	-25.2	28.4
BS9	42.4	39.8	27.9	18.6	11.1	5.3	-5	-29.2	26.2
BS10	41.8	39.2	27.2	18	10.3	4.2	-6.7	-32.9	25.5
NokiaTheater	50.3	49.7	40.3	33.9	29.2	26	15.6	-8.6	38.2
CS1	48.9	48.8	39.6	33.3	28.6	25.4	15.1	-8.9	37.5
CS2	32.2	29.5	20.2	13.9	9.3	6.2	-3.8	-26.4	18.2
CS3	30.7	29.2	20	13.6	9	5.9	-4.3	-27.4	17.9
CS4	29.3	28.9	19.6	13.3	8.6	5.4	-4.9	-28.8	17.5
CS5	30.1	28.5	19.2	12.8	8.2	4.9	-5.6	-30.5	17.1
CS6	29.8	28	18.7	12.3	7.6	4.3	-6.6	-32.6	16.6
CS7	29.5	27.5	18.2	11.8	7	3.6	-7.6	-34.9	16.1
CS8	29.3	26.9	17.6	11.2	6.4	3	-8.7	-37.4	15.5
CS9	29.5	26.4	17.1	10.6	5.8	2.2	-9.8	-40.1	15
CS10	29.5	26.5	16.5	10.1	5.1	1.5	-11	-42.9	14.7
CS11	29.5	26.5	16	9.5	4.5	0.7	-12.2	-45.9	14.3
CS12	29.7	26.6	15.1	8.6	3.5	-0.4	-14.1	-50.7	14
CS13	29.8	26.8	15.3	8.7	3.7	-0.2	-13.8	-49.8	14.1
CS14	30	26.9	15.8	9.2	4.2	0.4	-12.7	-47.1	14.5
CS15	30.2	27.1	16.3	9.7	4.8	1.1	-11.6	-44.4	14.8
CS16	30.4	27.3	16.7	10.2	5.4	1.7	-10.6	-42	15.2
CS17	30.6	27.6	17.2	10.7	5.9	2.4	-9.6	-39.6	15.6
CS18	30.8	27.8	17.6	11.2	6.4	2.9	-8.7	-37.5	15.9
CS19	31.1	28.1	18	11.6	6.8	3.5	-7.9	-35.6	16.3
CS20	28.6	27.7	18.4	12	7.2	3.9	-7.2	-34	16.2
CS21	29.8	27.9	18.7	12.3	7.6	4.3	-6.6	-32.8	16.6
CS22	31.4	28.4	18.9	12.5	7.8	4.5	-6.2	-31.8	17
BS1	29.8	26.8	15.1	8.5	3.4	-0.5	-14.3	-51	14
BS2	29.9	26.8	15.1	8.5	3.5	-0.5	-14.2	-50.9	14
BS3	29.4	26.3	14.5	7.9	2.8	-1.2	-15.5	-54.2	13.5
BS4	28.8	25.7	13.9	7.3	2.1	-2.1	-17	-57.9	12.9
BS5	28.4	25.3	13.5	6.8	1.5	-2.8	-18.1	-61	12.4
BS6	27.9	24.8	13	6.3	0.9	-3.5	-19.4	-64.3	11.9
BS7	28	24.9	13.1	6.4	1.1	-3.3	-19	-63.3	12
BS8	28.4	25.3	13.6	6.9	1.6	-2.6	-17.9	-60.4	12.5
BS9	28.9	25.8	14.1	7.4	2.3	-1.9	-16.6	-57.1	13
BS10	29.3	26.3	14.6	8	2.8	-1.2	-15.5	-54.1	13.5
Ritz-Flr1	55.5	54.9	45.2	38.5	33.5	30	19.3	-5.7	43
CS1	48.6	48.4	39.2	32.8	28.1	24.9	14.3	-10.6	37
CS2	48.8	48.7	39.4	33.1	28.4	25.2	14.8	-9.6	37.3
CS3	48.3	48.2	38.9	32.5	27.8	24.6	13.8	-11.8	36.7
CS4	30.9	27.8	18.3	11.9	7.2	3.8	-7.3	-34.3	16.4
CS5	30	27.1	17.8	11.3	6.5	3.1	-8.4	-36.9	15.7
CS6	29.3	26.5	17.2	10.7	5.9	2.3	-9.6	-39.7	15.1
CS7	29	25.9	16.6	10.1	5.2	1.6	-10.8	-42.6	14.5
CS8	28.6	25.6	16	9.5	4.6	0.8	-12.1	-45.6	14
CS9	28.8	25.7	15.5	8.9	3.9	0.1	-13.3	-48.6	13.7
CS10	28.6	25.5	14.9	8.4	3.3	-0.7	-14.5	-51.7	13.3
CS11	28.1	25	14.4	7.8	2.7	-1.4	-15.8	-55	12.7
CS12	27.5	24.4	13.7	7	1.8	-2.4	-17.6	-59.5	12
CS13	27.8	24.7	13.9	7.3	2.1	-2.1	-17	-58.1	12.3
CS14	28.3	25.2	14.4	7.8	2.6	-1.5	-15.9	-55.1	12.8
CS15	28.8	25.7	14.9	8.3	3.2	-0.8	-14.7	-52.1	13.4
CS16	29.3	26.3	15.4	8.8	3.8	-0.1	-13.5	-49.2	13.9
CS17	29.9	26.8	15.9	9.4	4.4	0.6	-12.4	-46.4	14.5

CS18	30.4	27.3	16.4	9.9	5	1.3	-11.3	-43.7	15
CS19	30.9	27.9	16.9	10.4	5.6	2	-10.2	-41.1	15.5
CS20	45.6	44.5	33.7	25.3	18.1	11.9	-2.7	-35.1	31.3
CS21	46	44.9	34.1	25.7	18.5	12.4	-1.9	-33	31.7
CS22	46.4	45.2	34.5	26	18.9	12.9	-1.1	-31.1	32.1
BS1	27.2	24	13.6	6.9	1.7	-2.6	-17.9	-60.3	11.8
BS2	27.1	23.9	13.5	6.9	1.6	-2.7	-18	-60.5	11.7
BS3	26.6	23.4	13	6.3	1	-3.4	-19.3	-64	11.2
BS4	26.1	22.9	12.5	5.7	0.3	-4.2	-20.7	-67.8	10.7
BS5	25.7	22.5	12.1	5.3	-0.2	-4.8	-21.9	-70.9	10.2
BS6	25.4	22.2	11.7	4.9	-0.7	-5.5	-23	-74	9.8
BS7	25.6	22.4	11.8	5	-0.5	-5.2	-22.6	-72.8	10
BS8	25.9	22.8	12.2	5.5	0	-4.6	-21.4	-69.8	10.4
BS9	26.4	23.3	12.7	6	0.6	-3.9	-20.2	-66.3	10.9
BS10	26.8	23.7	13.2	6.5	1.1	-3.2	-19	-63.2	11.4
Ritz-Flr27	59	58.7	49.3	42.7	37.7	34	21.8	-6	47
CS1	48.2	48.1	38.8	32.4	27.7	24.4	13.6	-12.2	36.6
CS2	48.4	48.3	39	32.7	28	24.7	14	-11.2	36.9
CS3	47.9	47.8	38.5	32.2	27.4	24.1	13.1	-13.3	36.4
CS4	41.5	39	27	17.8	10.1	3.7	-8	-35.8	25.3
CS5	37.3	34.5	22.3	12.9	6.2	2.7	-9	-38.2	20.8
CS6	35.5	32.5	20.3	10.9	5.6	2	-10.1	-40.9	19
CS7	34.9	31.9	19.7	10.2	5	1.3	-11.3	-43.8	18.4
CS8	34.5	31.5	19.2	9.7	4.3	0.6	-12.5	-46.7	17.9
CS9	35.7	32.8	20.6	11.1	3.7	-0.2	-13.7	-49.7	19.1
CS10	37.1	34.3	22.2	12.7	4.6	-0.9	-14.9	-52.7	20.6
CS11	38.7	36.3	24.2	14.8	6.8	-0.3	-16.2	-55.9	22.5
CS12	43.2	43	33.4	26.6	21	16.2	0	-43.9	30.9
CS13	43.4	43.2	33.8	27.1	21.9	17.7	2.6	-39	31.4
CS14	43.9	43.7	34.2	27.6	22.5	18.3	3.8	-36	31.9
CS15	44.3	44.1	34.7	28.1	23	19	4.9	-33.1	32.4
CS16	44.8	44.6	35.2	28.6	23.6	19.7	6.1	-30.2	32.9
CS17	45.2	45.1	35.7	29.1	24.1	20.3	7	-27.7	33.4
CS18	45.7	45.5	36.2	29.7	24.7	21	8.2	-24.8	33.9
CS19	46.1	46	36.7	30.2	25.3	21.7	9.3	-22.3	34.4
CS20	46.6	46.5	37.1	30.7	25.8	22.3	10.3	-19.9	34.9
CS21	47	46.9	37.6	31.1	26.3	22.9	11.2	-17.8	35.4
CS22	47.4	47.3	38	31.6	26.8	23.4	12	-15.8	35.8
BS1	43.1	42.9	33.5	26.8	21.5	17.2	1.8	-41.1	31.1
BS2	43.1	42.9	33.4	26.7	21.5	17.2	1.7	-41.4	31
BS3	42.6	42.4	32.9	26.2	20.9	16.4	0.4	-44.8	30.5
BS4	42.1	41.9	32.4	25.6	20.1	15.5	-1.3	-49.2	29.9
BS5	41.7	41.4	31.8	24.8	18.9	13.6	-4.6	-55.7	29.2
BS6	41	40.4	30.2	22.3	15.2	8.3	-11.8	-65.9	27.5
BS7	41.5	41.3	31.7	24.9	19.4	14.7	-2.8	-53.5	29.3
BS8	41.9	41.7	32.1	25.4	19.9	15.3	-1.7	-50.5	29.7
BS9	42.3	42.1	32.6	25.9	20.5	16	-0.4	-47.1	30.2
BS10	42.7	42.5	33	26.3	21	16.6	0.7	-44	30.6
Ritz-Flr54	59.5	59.3	49.9	43.3	38.3	34.4	21.2	-10.6	47.6
CS1	47	46.8	37.5	31.1	26.3	22.8	11.1	-18	35.3
CS2	47.1	47	37.7	31.3	26.5	23	11.4	-17.2	35.5
CS3	46.8	46.6	37.3	30.9	26	22.5	10.7	-19	35.1
CS4	46.4	46.2	36.9	30.4	25.6	22	9.8	-21.1	34.7
CS5	46	45.8	36.5	30	25.1	21.4	8.9	-23.2	34.2
CS6	45.5	45.4	36	29.5	24.6	20.8	7.9	-25.6	33.7
CS7	45.1	44.9	35.6	29	24	20.2	6.9	-28.2	33.3
CS8	44.7	44.5	35.1	28.5	23.5	19.6	5.8	-30.8	32.8
CS9	44.2	44.1	34.6	28.1	22.9	18.9	4.7	-33.5	32.3
CS10	43.8	43.6	34.2	27.6	22.4	18.3	3.7	-36.3	31.8
CS11	43.4	43.2	33.7	27.1	21.8	17.6	2.5	-39.3	31.4
CS12	42.8	42.6	33.1	26.4	21.1	16.7	0.9	-43.5	30.7

CS13	43	42.8	33.3	26.6	21.3	17	1.4	-42.2	30.9
CS14	43.4	43.2	33.7	27.1	21.8	17.6	2.5	-39.4	31.3
CS15	43.8	43.6	34.1	27.5	22.3	18.2	3.5	-36.7	31.8
CS16	44.2	44	34.6	28	22.8	18.8	4.5	-34.1	32.2
CS17	44.6	44.4	35	28.4	23.3	19.4	5.5	-31.5	32.7
CS18	44.9	44.8	35.4	28.8	23.8	20	6.5	-29.1	33.1
CS19	45.3	45.2	35.8	29.3	24.3	20.5	7.4	-26.8	33.5
CS20	45.7	45.5	36.2	29.7	24.7	21	8.3	-24.7	33.9
CS21	46	45.9	36.6	30.1	25.2	21.5	9.1	-22.8	34.3
CS22	46.4	46.2	36.9	30.4	25.5	22	9.8	-21.1	34.6
BS1	42.7	42.5	33	26.3	20.9	16.5	0.6	-44.3	30.6
BS2	42.7	42.5	33	26.2	20.9	16.5	0.5	-44.5	30.5
BS3	42.3	42	32.5	25.8	20.3	15.8	-0.7	-47.7	30.1
BS4	41.8	41.6	32	25.2	19.7	15.1	-2	-51.4	29.6
BS5	41.4	41.2	31.6	24.8	19.3	14.5	-3.1	-54.3	29.2
BS6	41.1	40.9	31.3	24.4	18.8	13.9	-4.2	-57.2	28.8
BS7	41.2	41	31.4	24.6	19	14.1	-3.8	-56.1	28.9
BS8	41.6	41.3	31.8	25	19.4	14.7	-2.7	-53.2	29.3
BS9	42	41.7	32.2	25.4	20	15.4	-1.5	-49.9	29.8
BS10	42.3	42.1	32.6	25.9	20.5	16	-0.4	-47	30.2
R6	62.9	62.4	52.7	46.1	41.3	38.1	28.2	6.8	50.6
CS1	45.9	44.8	34.1	25.7	18.5	12.4	-2	-33.4	31.7
CS2	44.6	42.9	31.5	22.6	15.1	8.8	-5.7	-37	29.4
CS3	45	43.3	31.9	23	15.5	9.3	-4.9	-34.7	29.8
CS4	45.3	43.5	32.1	23.2	15.7	9.5	-4.3	-32.5	30
CS5	45.5	43.7	32.2	23.3	15.8	9.7	-3.8	-30.8	30.2
CS6	45.8	43.9	32.5	23.5	16.1	10	-3.3	-29.3	30.4
CS7	45.9	44	32.5	23.6	16.2	10.1	-3.1	-28.3	30.5
CS8	46	44.1	32.5	23.6	16.2	10.2	-2.9	-27.7	30.5
CS9	46	44.1	32.5	23.6	16.2	10.2	-2.9	-27.5	30.5
CS10	45.8	43.9	32.4	23.4	16	9.9	-3.2	-27.9	30.4
CS11	45.7	43.8	32.3	23.3	15.9	9.8	-3.4	-28.6	30.3
CS12	47.9	46.6	35.7	27.2	20.1	14.3	1.4	-24.1	33.4
CS13	50.6	50.5	41.3	35	30.4	27.5	18	-2.5	39.2
CS14	50.8	50.8	41.6	35.3	30.7	27.8	18.5	-1.6	39.5
CS15	50.9	50.8	41.7	35.4	30.9	27.9	18.7	-1.2	39.6
CS16	50.9	50.8	41.6	35.3	30.8	27.8	18.6	-1.5	39.5
CS17	50.6	50.5	41.3	35	30.5	27.5	18.1	-2.4	39.3
CS18	50.3	50.2	41	34.7	30.1	27.1	17.5	-3.6	38.9
CS19	49.8	49.7	40.5	34.2	29.6	26.5	16.6	-5.5	38.4
CS20	49.2	49.1	39.9	33.6	28.9	25.8	15.6	-7.7	37.8
CS21	48.7	48.6	39.3	33	28.3	25.1	14.5	-10.1	37.2
CS22	48.1	47.9	38.7	32.3	27.6	24.3	13.3	-12.8	36.5
BS1	48.7	48.6	39.3	33	28.3	25.1	14.5	-10.1	37.2
BS2	44.3	42.3	30.7	21.6	14.1	7.9	-6.1	-33.3	28.7
BS3	44.1	42.1	30.5	21.4	13.9	7.6	-6.7	-35.3	28.5
BS4	43.7	41.7	30.2	21.1	13.5	7.2	-7.5	-37.8	28.2
BS5	43.3	41.3	29.7	20.7	13	6.6	-8.4	-40	27.7
BS6	43.7	41.9	30.4	21.4	13.8	7.4	-7.5	-39.5	28.3
BS7	47.4	47.3	38	31.6	26.8	23.4	12	-15.8	35.8
BS8	47.9	47.8	38.5	32.1	27.4	24.1	13.1	-13.4	36.3
BS9	48.5	48.4	39.2	32.8	28.1	24.9	14.3	-10.7	37
BS10	49.1	49	39.7	33.4	28.7	25.6	15.3	-8.4	37.6
R7	66	65.7	56.5	50.3	46	43.5	36.5	26.1	54.6
CS1	60.6	60.6	51.6	45.5	41.3	39	32.6	23.4	49.7
CS2	50.5	48	36.1	27.1	19.9	15.4	8.3	-3.3	34.4
CS3	46.2	43.5	31.5	22.4	16.1	13.6	6.2	-7	30
CS4	44.4	41.7	29.6	20.5	14.3	11.6	3.7	-11.5	28.2
CS5	43.5	40.8	28.7	19.6	12.7	10	1.5	-15.6	27.2
CS6	42.8	40.1	28.1	18.9	11.4	8.5	-0.5	-19.6	26.5
CS7	42.1	39.3	27.3	18.1	10.6	7.1	-2.5	-23.8	25.7

CS8	41.4	38.7	26.7	17.4	9.8	5.8	-4.4	-27.7	25.1
CS9	40.8	38.2	26.1	16.8	9.2	4.6	-6.1	-31.6	24.5
CS10	40.2	37.6	25.5	16.2	8.5	3.5	-7.9	-35.5	23.9
CS11	39.8	37.1	25	15.7	7.9	2.4	-9.5	-39.3	23.4
CS12	42.3	40.2	28.5	19.3	11.6	5	-10.3	-42.3	26.6
CS13	46.8	46.7	37.4	30.9	26.1	22.6	10.8	-18.7	35.1
CS14	47.6	47.5	38.2	31.8	27	23.7	12.4	-14.9	36
CS15	48.5	48.4	39.1	32.8	28.1	24.8	14.2	-10.9	37
CS16	49.5	49.4	40.1	33.8	29.2	26.1	16	-6.8	38
CS17	50.5	50.4	41.2	34.9	30.4	27.4	18	-2.7	39.2
CS18	51.8	51.7	42.5	36.3	31.8	28.9	20.1	1.6	40.5
CS19	53.2	53.1	44	37.7	33.3	30.6	22.3	6	42
CS20	54.8	54.8	45.7	39.5	35.2	32.6	24.9	10.7	43.7
CS21	56.9	56.8	47.7	41.6	37.3	34.9	27.7	15.7	45.8
CS22	59.4	59.4	50.3	44.2	40	37.7	31.1	21.1	48.5
BS1	38.9	36.3	24.2	14.8	6.9	0.9	-11.9	-45.1	22.6
BS2	37.4	34.6	22.4	13	5	0.4	-12.7	-47.1	20.9
BS3	36.9	34.2	22	12.5	4.5	-0.5	-14.3	-51	20.4
BS4	36.5	33.7	21.5	12	3.9	-1.5	-15.9	-55.2	20
BS5	36.2	33.4	21.2	11.7	3.5	-2.2	-17.2	-58.6	19.7
BS6	37.3	34.7	22.6	13.1	4.9	-2.3	-18	-60.5	20.9
BS7	39.2	36.9	25	15.6	7.5	0.4	-16.9	-57.9	23.2
BS8	39.6	37.2	25.3	16	8	1	-15.6	-54.4	23.5
BS9	40.1	37.8	25.9	16.6	8.6	1.8	-14	-50.4	24.1
BS10	40.8	38.5	26.6	17.3	9.4	2.7	-12.5	-46.7	24.8
R6c	60.5	60	50.2	43.4	38.4	34.9	23.7	-1.2	48
CS1	49.1	48.9	39.7	33.4	28.7	25.6	15.3	-8.5	37.6
CS2	45.9	44.4	33.1	24.3	17	10.9	-2.8	-31.5	30.9
CS3	45.8	44.2	33	24.3	16.9	10.8	-3.1	-32.3	30.8
CS4	45.5	43.9	32.7	23.9	16.5	10.3	-3.8	-33.9	30.5
CS5	45.1	43.6	32.3	23.5	16.1	9.9	-4.5	-35.7	30.1
CS6	44.8	43.3	32.1	23.3	15.8	9.5	-5.1	-37.4	29.9
CS7	44.4	42.9	31.7	22.9	15.4	9	-6	-39.7	29.5
CS8	44	42.5	31.3	22.5	15	8.5	-6.9	-41.9	29.1
CS9	43.6	42.1	30.9	22.1	14.6	8.1	-7.7	-44.3	28.7
CS10	43.2	41.7	30.5	21.7	14.1	7.5	-8.8	-47	28.3
CS11	42.8	41.4	30.2	21.4	13.7	7	-9.7	-49.6	27.9
CS12	43.7	42.9	32.4	24.2	17.1	10.7	-5.9	-46.2	29.9
CS13	45.1	45	35.6	29	24	20.2	6.9	-28.1	33.3
CS14	45.6	45.5	36.1	29.6	24.7	21	8.1	-25.1	33.9
CS15	46.2	46	36.7	30.2	25.3	21.7	9.3	-22.1	34.4
CS16	46.7	46.6	37.3	30.8	26	22.4	10.5	-19.3	35
CS17	47.2	47.1	37.8	31.4	26.6	23.2	11.7	-16.7	35.6
CS18	47.8	47.6	38.4	32	27.2	23.9	12.8	-14.1	36.2
CS19	48.3	48.1	38.9	32.5	27.8	24.5	13.7	-11.9	36.7
CS20	48.7	48.6	39.4	33	28.3	25.1	14.7	-9.8	37.2
CS21	49.1	49	39.8	33.5	28.8	25.7	15.4	-8.1	37.7
CS22	49.5	49.4	40.1	33.8	29.2	26.1	16	-6.8	38
BS1	41	39	27.4	18.2	10.3	3.4	-14.1	-55.5	25.4
BS2	40.3	38.2	26.5	17.3	9.3	2.2	-15.7	-58.2	24.6
BS3	39.9	37.9	26.2	16.9	8.9	1.7	-16.7	-61.4	24.2
BS4	40.3	38.6	27.2	18.1	10	2.8	-16.2	-64.4	25.1
BS5	39.9	38.2	26.7	17.6	9.5	2.1	-17.3	-67.4	24.6
BS6	39.4	37.5	25.8	16.5	8.4	0.9	-18.6	-68.5	23.8
BS7	42.6	42.4	32.8	26.1	20.8	16.3	0.2	-45.3	30.4
BS8	43	42.8	33.3	26.6	21.3	17	1.3	-42.3	30.9
BS9	43.4	43.3	33.8	27.1	21.9	17.7	2.7	-38.9	31.4
BS10	43.9	43.7	34.3	27.7	22.5	18.4	3.9	-35.6	31.9

Outdoor Noise Prediction Model, Version 2.0 (Sean K. Bui), January 1, 2006

Client: Matrix Environmental
 Description: LA Convention Modernization & Farmers Field
 AES Job No: 2011113
 Consultant: skb
 Date: 9/13/2011
 Source: **Parking - Lmax**

Description	63	125	250	500	1000	2000	4000	8000 dBA	
R1	16.4	25.8	40.1	49.4	53.3	46.8	35.9	5	55.1
CS1	9.7	19.6	34.2	43.7	47.7	40.8	29.4	-2.6	49.4
CS2	10	19.9	34.6	44.3	48.6	42.4	32.1	2.1	50.5
CS3	9.5	19.4	34.1	43.7	48	41.7	31.1	-0.2	49.8
CS4	-8.1	-1.2	13.5	23.1	27.4	21	10	-22.6	29.2
CS5	-9	-1.8	12.9	22.5	26.7	20.3	8.9	-25.2	28.5
CS6	-9.7	-2.4	12.3	21.9	26	19.5	7.7	-28	27.8
CS7	-10	-3	11.7	21.2	25.3	18.7	6.4	-31	27.1
CS8	-10.3	-3.4	11.1	20.6	24.7	18	5.2	-34	26.4
CS9	-10.3	-3.4	10.6	20	24	17.2	3.9	-37.2	25.7
CS10	-10.9	-4	10	19.5	23.4	16.4	2.6	-40.3	25.1
CS11	-11.4	-4.5	9.5	18.9	22.7	15.7	1.3	-43.6	24.4
CS12	-12	-5.1	8.8	18.1	21.9	14.7	-0.4	-48.1	23.5
CS13	-11.7	-4.8	9	18.3	22.1	15	0.1	-46.7	23.8
CS14	-11.2	-4.3	9.5	18.9	22.7	15.7	1.3	-43.6	24.4
CS15	-10.6	-3.7	10	19.4	23.3	16.4	2.5	-40.6	25
CS16	-10.1	-3.2	10.5	19.9	23.9	17.1	3.7	-37.7	25.6
CS17	-9.5	-2.6	11	20.5	24.5	17.8	4.9	-34.8	26.2
CS18	-9	-2	11.5	21	25.1	18.5	6	-32	26.9
CS19	-8.4	-1.5	12	21.6	25.7	19.2	7.1	-29.4	27.5
CS20	6.2	14.8	27.7	35	36.7	27.4	12.8	-25.1	38.4
CS21	6.6	15.2	28.1	35.4	37.1	27.9	13.7	-23	38.8
CS22	7	15.6	28.4	35.8	37.5	28.3	14.4	-21	39.2
BS1	-12.3	-5.5	8.6	18	21.7	14.5	-0.7	-48.9	23.4
BS2	-12.5	-5.6	8.6	17.9	21.7	14.4	-0.8	-49.2	23.3
BS3	-12.9	-6.1	8.1	17.4	21.1	13.7	-2.2	-52.7	22.7
BS4	-13.5	-6.6	7.5	16.8	20.4	12.9	-3.6	-56.5	22
BS5	-13.9	-7	7.1	16.3	19.9	12.2	-4.8	-59.7	21.5
BS6	-14.2	-7.4	6.7	15.9	19.4	11.6	-5.9	-62.7	21
BS7	-14	-7.1	6.9	16.1	19.6	11.9	-5.5	-61.5	21.2
BS8	-13.6	-6.7	7.3	16.5	20.1	12.5	-4.3	-58.4	21.7
BS9	-13.1	-6.3	7.8	17	20.7	13.2	-3	-54.9	22.3
BS10	-12.7	-5.8	8.2	17.5	21.2	13.9	-1.8	-51.8	22.9
R2	6.9	13.9	26	33.9	37.7	30.6	16.3	-27.3	39.4
CS1	-11.8	-4.9	7.6	16.9	20.5	13	-3.4	-56	22.1
CS2	-12.6	-5.8	8.2	17.5	21.2	13.8	-1.9	-52.1	22.8
CS3	-12.9	-6	8.4	17.8	21.5	14.2	-1.2	-50.2	23.1
CS4	-13.3	-5.8	8.8	18.1	21.9	14.7	-0.4	-48.1	23.5
CS5	-13.2	-5.5	9.1	18.4	22.2	15.1	0.3	-46.2	23.9
CS6	-13.1	-5.3	9.3	18.7	22.5	15.4	0.9	-44.7	24.2
CS7	-12.6	-5	9.6	19	22.8	15.8	1.5	-43.1	24.5
CS8	-11.8	-4.8	9.8	19.2	23.1	16.1	2	-41.8	24.8
CS9	-9.4	-2.4	9.9	19.4	23.3	16.3	2.4	-40.8	25
CS10	-6.4	0.6	12.2	19.5	23.5	16.5	2.8	-39.8	25.2
CS11	-6.4	0.6	12.3	19.6	23.6	16.7	3	-39.3	25.3
CS12	-6.9	0.1	11.7	19.1	23	16	1.8	-42.3	24.7
CS13	-7.3	-0.3	11.3	18.6	22.5	15.4	0.8	-44.9	24.2
CS14	-7.3	-0.4	11.3	18.6	22.4	15.3	0.6	-45.4	24.1
CS15	-7.4	-0.4	11.2	18.5	22.3	15.1	0.4	-46	23.9
CS16	-10.5	-3.6	8.9	18.3	22.1	14.9	0	-46.9	23.8
CS17	-10.8	-3.9	8.8	18.1	21.9	14.7	-0.4	-47.9	23.6
CS18	-11.1	-4.2	8.6	17.9	21.7	14.4	-0.9	-49.3	23.3
CS19	-11.3	-4.4	8.4	17.7	21.4	14.1	-1.4	-50.7	23.1

CS20	-11.4	-4.5	8.1	17.4	21.1	13.8	-2	-52.3	22.8
CS21	-11.6	-4.7	7.9	17.2	20.8	13.4	-2.7	-54	22.5
CS22	-11.5	-4.6	7.6	16.9	20.5	13	-3.4	-55.9	22.1
BS1	-6.6	0.4	12	19.6	23.5	16.6	2.9	-39.5	25.2
BS2	-6.2	0.8	12.5	20.1	24.1	17.2	4	-36.9	25.8
BS3	-6.2	0.8	12.5	20.1	24	17.2	3.9	-37	25.8
BS4	-5.6	1.4	13.1	20	23.9	17.1	3.7	-37.6	25.7
BS5	-4.6	2.5	14.2	20.7	23.8	16.9	3.4	-38.3	25.6
BS6	-5.2	1.8	13.5	20	23.1	16.2	2.2	-41.5	24.9
BS7	-5.4	1.7	13.3	19.8	22.8	15.7	1.5	-43.3	24.6
BS8	-5.1	2	13.6	20.1	22.9	15.9	1.7	-42.6	24.8
BS9	-7	-0.1	11.6	19.1	23	16	1.9	-42.2	24.7
BS10	-7	-0.1	11.6	19.1	23	16	1.9	-42.2	24.7
R3	6.1	13.1	24.9	32.6	35.9	28.5	13	-34.2	37.6
CS1	-13.2	-6.4	5.5	14.6	17.9	9.8	-9.3	-72.2	19.5
CS2	-14.2	-7.4	6	15.1	18.5	10.5	-7.9	-68.3	20.1
CS3	-14.4	-7.6	6.3	15.4	18.8	11	-7.1	-66	20.4
CS4	-14.7	-7.8	6.6	15.8	19.3	11.5	-6.2	-63.4	20.9
CS5	-14.6	-7.5	6.9	16.1	19.6	11.9	-5.3	-61	21.2
CS6	-14.4	-7.3	7.2	16.4	20	12.4	-4.5	-58.9	21.6
CS7	-13.5	-6.7	7.5	16.8	20.4	12.8	-3.7	-56.7	22
CS8	-12.7	-5.8	7.8	17.1	20.7	13.3	-2.9	-54.6	22.3
CS9	-5.4	1.7	13.4	19.7	21	13.7	-2.2	-52.7	23.1
CS10	-5.9	1.1	12.8	19.1	21.4	14.1	-1.5	-50.8	23.3
CS11	-6.4	0.6	12.2	18.6	21.7	14.4	-0.9	-49.2	23.4
CS12	-7.5	-0.5	11.1	17.7	21.4	14.1	-1.5	-50.9	23
CS13	-7.6	-0.7	10.9	17.2	20.8	13.3	-2.7	-54.2	22.5
CS14	-7.2	-0.2	11.3	17.7	20.5	13	-3.3	-55.6	22.3
CS15	-6.8	0.3	11.8	18.1	20.3	12.7	-3.9	-57.2	22.2
CS16	-6.2	0.8	12.4	18.7	20	12.4	-4.5	-58.9	22.1
CS17	-11.6	-4.8	7	16.2	19.7	12	-5.2	-60.7	21.3
CS18	-12	-5.1	6.7	15.9	19.4	11.6	-5.9	-62.7	21
CS19	-12.5	-5.6	6.4	15.6	19	11.2	-6.6	-64.7	20.6
CS20	-12.6	-5.8	6.2	15.3	18.7	10.8	-7.4	-66.9	20.3
CS21	-12.7	-5.9	5.9	15	18.4	10.4	-8.3	-69.2	19.9
CS22	-12.8	-6	5.6	14.7	18	9.9	-9.1	-71.5	19.6
BS1	-7.4	-0.4	11.2	18.2	22	14.8	-0.2	-47.6	23.6
BS2	-7	0	11.6	18.7	22.5	15.4	0.9	-44.7	24.2
BS3	-7.4	-0.4	11.2	18.9	22.8	15.7	1.4	-43.4	24.4
BS4	-7.7	-0.8	10.9	19.1	23	16	1.8	-42.4	24.7
BS5	-8	-1	10.6	19.2	23.1	16.1	2.1	-41.7	24.8
BS6	-8.4	-1.4	10.2	18.8	22.6	15.5	1.1	-44.1	24.3
BS7	-8.8	-1.8	9.8	18.3	22.1	14.9	0.1	-46.8	23.8
BS8	-8.6	-1.7	9.9	18.2	22	14.8	-0.1	-47.3	23.7
BS9	-8.3	-1.4	10.2	18.1	21.8	14.6	-0.5	-48.3	23.5
BS10	-8	-1.1	10.5	17.9	21.6	14.4	-0.9	-49.4	23.3
R4	22.7	32.3	46.8	56.3	60.6	54.5	45.2	21.2	62.5
CS1	0.9	9.3	21.9	28.7	29.7	19.3	-0.4	-57.5	31.5
CS2	-0.8	7	19	25.6	26.3	15.9	-3.4	-56	28.2
CS3	-0.4	7.3	19.4	25.9	26.8	16.5	-2.2	-52.7	28.7
CS4	-0.1	7.5	19.6	26.2	27.1	16.9	-0.8	-49	28.9
CS5	0.1	7.7	19.8	26.4	27.3	17.3	0.6	-45.6	29.2
CS6	0.5	8.1	20.1	26.8	27.8	17.8	1.9	-42.1	29.6
CS7	0.8	8.4	20.4	27.1	28.2	18.3	3.4	-38.5	30
CS8	1.9	9.6	21.7	28.5	29.6	19.9	4.8	-34.9	31.5
CS9	3.2	11	23.3	30.1	31.4	21.8	6.5	-31.3	33.2
CS10	4.8	12.9	25.3	32.3	33.7	24.4	9.6	-27.8	35.6
CS11	5.8	14.1	26.6	33.7	35.2	26	11.8	-24.1	37.1
CS12	9.6	19.5	34.2	43.9	48.2	42	31.4	0.6	50
CS13	9	18.9	33.7	43.3	47.5	41.2	30.3	-1.9	49.4
CS14	8.2	18.1	32.8	42.4	46.6	40.2	28.6	-5.7	48.4

CS15	7.5	17.3	32	41.6	45.7	39.1	27	-9.5	47.4
CS16	6.8	16.6	31.3	40.8	44.8	38.2	25.5	-13.2	46.6
CS17	6.1	16	30.6	40.1	44.1	37.2	24	-16.9	45.8
CS18	5.5	15.4	30	39.4	43.3	36.4	22.5	-20.6	45
CS19	5	14.8	29.4	38.8	42.6	35.5	21.1	-24.2	44.3
CS20	4.5	14.3	28.8	38.2	41.9	34.7	19.7	-27.8	43.6
CS21	4	13.8	28.3	37.6	41.3	33.9	18.3	-31.4	42.9
CS22	3.5	13.3	27.8	37	40.7	33.2	17	-35	42.3
BS1	5.7	13.6	25.9	32.8	34.3	25.2	12	-18	36.2
BS2	4.1	11.7	23.8	30.6	32	22.9	12.1	-17.9	33.9
BS3	4.7	12.2	24.3	31.1	32.6	23.6	13.7	-14.3	34.5
BS4	5.3	12.8	24.9	31.7	33.3	24.9	15.6	-10.4	35.2
BS5	8	15.8	28	35	36.7	27.9	17.1	-7.4	38.5
BS6	14.2	24.1	39	48.7	53.3	47.6	39.3	17	55.3
BS7	14.1	24	38.8	48.6	53.2	47.5	39.2	16.7	55.2
BS8	12.9	22.8	37.7	47.4	51.9	46.1	37.3	13.1	53.9
BS9	11.7	21.6	36.4	46.1	50.6	44.6	35.3	8.9	52.5
BS10	10.7	20.6	35.4	45.1	49.5	43.4	33.5	5.1	51.3
R5	22.1	31.6	45.9	55.3	59.3	52.9	41.9	10.7	61.1
CS1	3.7	12.8	26.2	34	35.6	26	8.3	-41.7	37.3
CS2	2.9	11.4	24.2	31.3	32.5	22.6	5	-44.5	34.3
CS3	3.2	11.8	24.5	31.7	32.9	23.1	5.9	-41.8	34.8
CS4	3.6	12	24.8	31.9	33.2	23.5	6.7	-39.2	35
CS5	3.9	12.3	25	32.1	33.4	23.8	7.5	-36.9	35.2
CS6	4.2	12.6	25.3	32.4	33.8	24.2	8.3	-34.4	35.6
CS7	4.5	12.9	25.5	32.6	34	24.5	9	-32.2	35.8
CS8	4.9	13.2	25.8	32.9	34.3	24.9	9.7	-30.2	36.1
CS9	5.2	13.4	26	33.1	34.6	25.2	10.4	-28	36.4
CS10	5.4	13.6	26.2	33.3	34.7	25.4	10.9	-26.1	36.5
CS11	5.7	13.9	26.4	33.5	35	25.7	11.5	-24.3	36.8
CS12	9.5	19.4	34.2	43.8	48.1	41.9	31.3	0.3	49.9
CS13	9.8	19.7	34.4	44.1	48.4	42.2	31.7	1.3	50.2
CS14	9.3	19.2	33.9	43.6	47.8	41.6	30.8	-0.7	49.7
CS15	8.8	18.7	33.4	43	47.2	40.9	29.8	-3.1	49
CS16	8.3	18.1	32.8	42.4	46.6	40.2	28.7	-5.6	48.4
CS17	7.7	17.6	32.3	41.8	46	39.4	27.5	-8.3	47.7
CS18	7.2	17	31.7	41.2	45.3	38.7	26.4	-11.1	47.1
CS19	6.6	16.5	31.1	40.6	44.7	38	25.2	-14	46.4
CS20	6.1	16	30.6	40.1	44	37.2	23.9	-17	45.8
CS21	5.6	15.5	30.1	39.5	43.4	36.5	22.7	-20.1	45.1
CS22	5.1	15	29.5	38.9	42.8	35.8	21.5	-23.2	44.5
BS1	6.2	14.3	26.9	34	35.5	26.3	12.5	-21.6	37.3
BS2	4.9	12.8	25.1	32.1	33.5	24.2	10	-23.9	35.3
BS3	5.1	13	25.4	32.4	33.8	24.5	10.4	-23.3	35.6
BS4	5.1	13	25.4	32.3	33.7	24.5	10.4	-23.1	35.6
BS5	4.9	12.8	25.1	32.1	33.5	24.2	10.1	-23.3	35.3
BS6	9.3	19.2	33.9	43.5	47.8	41.6	30.8	-0.7	49.7
BS7	10	19.9	34.6	44.3	48.7	42.5	32.2	2.3	50.5
BS8	10	19.9	34.7	44.3	48.7	42.5	32.2	2.4	50.5
BS9	10	19.9	34.6	44.3	48.6	42.5	32.2	2.3	50.5
BS10	9.9	19.8	34.5	44.2	48.5	42.3	31.9	1.7	50.3
R6b	27.3	36.9	51.6	61.2	65.8	60.2	52.4	32.9	67.8
CS1	7.6	15.9	28.6	35.8	37.4	28.4	15.3	-17.3	39.3
CS2	5.7	13.4	25.6	32.5	34	24.9	12.9	-16	35.9
CS3	6.2	13.9	26.1	33.1	34.6	25.6	14.4	-12.9	36.5
CS4	6.7	14.3	26.5	33.5	35	26.2	16	-9.7	36.9
CS5	7.1	14.7	26.9	33.8	35.4	26.6	17.3	-6.9	37.3
CS6	7.7	15.2	27.3	34.3	35.9	27.2	18.6	-4.5	37.8
CS7	8	15.4	27.6	34.5	36.2	27.8	19.5	-2.6	38.1
CS8	8.1	15.6	27.7	34.7	36.4	28.2	20.1	-1.4	38.3
CS9	8.2	15.6	27.8	34.7	36.4	28.4	20.3	-1.1	38.4

CS10	7.9	15.4	27.5	34.4	36.1	28	19.9	-1.9	38.1
CS11	7.6	15.1	27.2	34.2	35.8	27.5	19.2	-3.3	37.8
CS12	10.8	18.8	31.2	38.4	40.1	31.5	20.4	-1.8	42
CS13	16.4	26.4	41.2	51.1	55.8	50.2	42.7	23.2	57.8
CS14	17.3	27.3	42.2	52	56.7	51.2	44	25.4	58.8
CS15	17.7	27.7	42.6	52.4	57.2	51.7	44.5	26.4	59.2
CS16	17.6	27.5	42.4	52.3	57	51.5	44.3	25.9	59
CS17	16.8	26.7	41.6	51.5	56.2	50.6	43.2	24.1	58.2
CS18	15.7	25.7	40.6	50.4	55	49.4	41.7	21.4	57.1
CS19	14.5	24.5	39.3	49.1	53.8	48.1	39.9	18.1	55.7
CS20	13.4	23.3	38.1	47.9	52.5	46.7	38.1	14.6	54.4
CS21	12.3	22.2	37	46.7	51.2	45.3	36.3	11	53.2
CS22	11.2	21.1	35.9	45.6	50.1	44.1	34.4	7.2	52
BS1	6	13.4	25.5	32.4	34	26.3	17.6	-6.3	36
BS2	4.3	11.7	23.7	30.5	32	25.1	15.9	-9.8	34.2
BS3	5.9	13.6	25.8	32.7	34.2	25.2	14.5	-12.8	36.1
BS4	5.4	13	25.2	32.1	33.6	24.5	12.8	-16.3	35.5
BS5	4.9	12.6	24.8	31.7	33.2	24	11.5	-19.3	35
BS6	6.1	14.1	26.6	33.6	35.1	26	12.4	-19.8	36.9
BS7	10.4	20.3	35.1	44.7	49.1	43	32.9	3.9	51
BS8	11.2	21.2	35.9	45.6	50.1	44.1	34.5	7.3	52
BS9	12.3	22.2	37	46.8	51.3	45.4	36.3	11.1	53.2
BS10	13.4	23.3	38.1	47.9	52.5	46.7	38.1	14.6	54.4
R7b	27	36.7	51.5	61.3	66	60.5	53.5	37.1	68.1
CS1	21.7	31.6	46.6	56.5	61.3	56	49.6	34.4	63.4
CS2	11.6	19.1	31.3	38.3	40.1	32.4	25.4	7.8	42.1
CS3	7.4	14.6	26.6	33.5	36.1	30.6	23.2	4	38.5
CS4	5.6	12.8	24.8	31.6	34.3	28.6	20.7	-0.5	36.6
CS5	4.7	11.9	23.9	30.7	32.7	27	18.5	-4.6	35.1
CS6	4	11.2	23.2	30	31.6	25.5	16.5	-8.6	33.9
CS7	3.2	10.5	22.4	29.2	30.7	24.1	14.5	-12.8	33
CS8	2.5	9.8	21.8	28.6	30	22.8	12.6	-16.7	32.1
CS9	2	9.3	21.3	28	29.3	21.6	10.9	-20.6	31.4
CS10	1.3	8.7	20.6	27.3	28.6	20.5	9.1	-24.5	30.6
CS11	0.9	8.2	20.2	26.9	28.1	19.4	7.5	-28.3	30.1
CS12	3.4	11.3	23.6	30.4	31.7	22.2	6.9	-31.3	33.6
CS13	7.8	17.7	32.4	41.9	46.1	39.6	27.8	-7.7	47.9
CS14	8.6	18.5	33.2	42.8	47	40.7	29.4	-3.9	48.8
CS15	9.5	19.4	34.1	43.8	48.1	41.8	31.2	0.1	49.9
CS16	10.5	20.4	35.1	44.8	49.2	43.1	33	4.2	51
CS17	11.5	21.4	36.2	45.9	50.4	44.4	35	8.3	52.3
CS18	12.8	22.7	37.5	47.3	51.8	45.9	37.1	12.6	53.7
CS19	14.2	24.1	39	48.7	53.3	47.6	39.3	17	55.3
CS20	15.9	25.8	40.7	50.5	55.2	49.6	41.9	21.7	57.2
CS21	17.9	27.8	42.7	52.6	57.3	51.9	44.7	26.7	59.4
CS22	20.4	30.4	45.3	55.2	60	54.7	48.1	32.1	62.2
BS1	0	7.4	19.3	26	27.1	17.9	5.1	-34.1	29
BS2	-1.5	5.7	17.6	24.1	25.2	17.4	4.3	-36.1	27.3
BS3	-1.9	5.3	17.1	23.6	24.6	16.5	2.7	-40	26.7
BS4	-2.4	4.9	16.7	23.2	24.1	15.5	1.1	-44.2	26.1
BS5	-2.7	4.6	16.3	22.8	23.6	14.8	-0.2	-47.6	25.7
BS6	-1.6	5.8	17.7	24.2	25	14.8	-1	-49.5	26.9
BS7	0.3	8	20.1	26.7	27.7	17.6	0.1	-46.9	29.5
BS8	0.7	8.3	20.4	27.1	28.1	18.1	1.4	-43.4	30
BS9	1.2	8.9	21	27.7	28.8	18.9	3	-39.4	30.6
BS10	1.9	9.6	21.7	28.4	29.6	19.8	4.5	-35.7	31.4
R8	19.5	28.9	43.1	52.1	55.7	48.6	35.3	-2.9	57.4
CS1	7.6	17.4	32.1	41.7	45.8	39.2	27.2	-9	47.6
CS2	5.6	14.5	27.7	35.2	36.9	27.6	12.1	-29.3	38.7
CS3	5.4	14.3	27.5	35	36.7	27.3	11.7	-30.6	38.5
CS4	5	13.9	27.1	34.7	36.3	26.9	10.9	-32.6	38.1

CS5	4.7	13.6	26.8	34.3	35.9	26.4	10.1	-34.7	37.7
CS6	4.4	13.3	26.5	34.1	35.6	26.1	9.4	-36.6	37.4
CS7	4	12.9	26.2	33.7	35.2	25.6	8.5	-39	37
CS8	3.7	12.6	25.8	33.3	34.8	25.1	7.6	-41.4	36.6
CS9	3.3	12.3	25.5	33	34.5	24.7	6.8	-43.9	36.2
CS10	2.9	11.9	25.1	32.6	34	24.1	5.8	-46.6	35.8
CS11	2.6	11.6	24.8	32.3	33.7	23.7	4.9	-49.1	35.4
CS12	3.1	12.5	26.4	34.6	36.6	27.1	8.5	-45.8	38.2
CS13	4.1	13.9	28.4	37.7	41.4	34.1	18.6	-30.6	43.1
CS14	4.5	14.3	28.8	38.2	42	34.8	19.8	-27.7	43.6
CS15	4.9	14.7	29.3	38.7	42.5	35.4	20.8	-24.8	44.2
CS16	5.3	15.1	29.7	39.1	43	36	21.9	-22.1	44.7
CS17	5.7	15.6	30.2	39.6	43.5	36.6	23	-19.5	45.2
CS18	6.2	16	30.6	40.1	44.1	37.3	24	-16.9	45.8
CS19	6.6	16.4	31.1	40.5	44.6	37.8	25	-14.5	46.3
CS20	7	16.8	31.5	41	45.1	38.4	25.9	-12.2	46.8
CS21	7.4	17.2	31.9	41.4	45.5	38.9	26.8	-10.2	47.3
CS22	7.7	17.6	32.3	41.8	46	39.4	27.5	-8.3	47.7
BS1	0.9	9.2	21.7	28.5	29.4	19	-0.6	-57.2	31.3
BS2	0.4	8.7	21.1	27.9	28.8	18.3	-1.8	-60.1	30.6
BS3	0.1	8.4	20.8	27.6	28.4	17.8	-2.8	-63	30.3
BS4	-0.1	8.2	20.7	27.5	28.2	17.5	-3.6	-66.1	30.1
BS5	-0.5	7.8	20.3	27	27.7	16.9	-4.8	-69	29.6
BS6	-1	7.1	19.4	26	26.6	15.7	-6	-70.3	28.5
BS7	2	11.7	26.1	35.3	38.7	30.7	12.5	-47.2	40.2
BS8	2.3	12.1	26.5	35.7	39.1	31.3	13.5	-44.3	40.7
BS9	2.7	12.5	26.9	36.1	39.6	31.9	14.7	-41	41.3
BS10	3.1	12.9	27.4	36.6	40.2	32.6	15.9	-37.9	41.8
R9	19	28.4	42.6	51.5	55	47.8	34.5	-3	56.8
CS1	8.1	17.9	32.6	42.2	46.4	39.9	28.3	-6.5	48.2
CS2	6.8	16.3	30.3	38.7	41.2	32.4	17.7	-22.3	42.8
CS3	5.7	14.8	28.2	36	37.8	28.6	13	-28.9	39.5
CS4	4.8	13.7	26.8	34.3	35.9	26.4	10.3	-33.8	37.7
CS5	4.3	13.2	26.3	33.8	35.4	25.8	9.1	-36.9	37.1
CS6	3.9	12.8	26	33.4	35	25.3	8.1	-39.8	36.7
CS7	3.4	12.3	25.5	32.9	34.4	24.6	6.9	-43.1	36.2
CS8	3	11.9	25.1	32.5	33.9	24	5.8	-46.3	35.7
CS9	2.6	11.5	24.7	32.1	33.5	23.5	4.7	-49.5	35.3
CS10	2.1	11.1	24.2	31.7	33	22.8	3.5	-52.8	34.7
CS11	1.8	10.7	23.9	31.3	32.6	22.4	2.4	-55.9	34.4
CS12	2.1	11.5	25.3	33.4	35.3	25.5	5.5	-54	37
CS13	2.9	12.7	27.2	36.4	39.9	32.3	15.4	-39.3	41.5
CS14	3.4	13.1	27.6	36.9	40.5	33	16.6	-35.8	42.1
CS15	3.8	13.6	28.1	37.4	41.1	33.7	17.9	-32.4	42.7
CS16	4.3	14.1	28.6	38	41.7	34.5	19.2	-29	43.4
CS17	4.8	14.6	29.2	38.5	42.3	35.2	20.6	-25.6	44
CS18	5.3	15.1	29.7	39.1	43	36	21.9	-22.1	44.7
CS19	5.9	15.7	30.3	39.7	43.7	36.8	23.3	-18.7	45.4
CS20	6.4	16.3	30.9	40.4	44.4	37.7	24.7	-15.2	46.1
CS21	7	16.9	31.6	41.1	45.2	38.5	26.1	-11.8	46.9
CS22	7.7	17.6	32.2	41.8	45.9	39.4	27.5	-8.4	47.7
BS1	0.2	8.6	21.2	28.1	28.9	18.2	-2.7	-64.3	30.8
BS2	-0.1	8.3	20.9	27.7	28.5	17.7	-3.5	-66.6	30.3
BS3	-0.4	8	20.6	27.4	28.1	17.2	-4.7	-70	29.9
BS4	-0.7	7.7	20.2	27	27.6	16.6	-5.9	-73.7	29.5
BS5	-1	7.4	20	26.7	27.3	16.2	-6.9	-76.7	29.2
BS6	-2	6.1	18.2	24.8	25.1	13.9	-9.5	-79.9	27.1
BS7	0.9	10.7	25	34	37.2	28.9	8.9	-57.1	38.7
BS8	1.3	11	25.3	34.4	37.6	29.5	10	-53.9	39.2
BS9	1.7	11.4	25.8	34.9	38.2	30.1	11.4	-50.3	39.8
BS10	0.4	9	21.7	28.6	29.5	18.8	-2.2	-64.6	31.3

R10	7.9	16.2	29.4	37.9	41	33.2	16.1	-38.2	42.7
CS1	3	12.8	27.3	36.5	40.1	32.5	15.7	-38.4	41.7
CS2	-2.1	5.4	17.3	23.7	24.4	13.9	-4	-57.7	26.3
CS3	-2.8	4.6	16.4	22.8	23.4	12.8	-4.8	-59.6	25.3
CS4	-13.5	-6.7	6.8	16	19.5	11.8	-5.5	-61.7	21.1
CS5	-14.6	-7.8	6.6	15.8	19.2	11.4	-6.3	-63.8	20.8
CS6	-15	-8.1	6.3	15.4	18.8	11	-7.1	-66	20.4
CS7	-15.2	-8.4	6	15.1	18.5	10.5	-8	-68.3	20.1
CS8	-15.2	-8.4	5.7	14.8	18.1	10.1	-8.8	-70.7	19.7
CS9	-14.7	-7.9	5.4	14.5	17.7	9.6	-9.7	-73.2	19.3
CS10	-14.4	-7.6	5.1	14.2	17.4	9.1	-10.6	-75.7	19
CS11	-7.4	-0.3	11.2	17.3	17.5	8.6	-11.5	-78.4	19.7
CS12	-7.8	-0.8	10.7	16.7	16.8	7.9	-13.1	-82.8	19.1
CS13	-12.9	-6.1	5.2	13.4	16.5	8	-12.8	-82.1	18
CS14	-13	-6.1	5.2	13.7	16.8	8.4	-12	-79.5	18.4
CS15	-13	-6.2	5.2	14	17.2	8.9	-11.1	-77	18.8
CS16	-12.9	-6.1	5.3	14.3	17.5	9.3	-10.2	-74.6	19.1
CS17	-12.8	-6	5.5	14.6	17.9	9.8	-9.4	-72.3	19.5
CS18	-12.5	-5.7	5.8	14.9	18.2	10.2	-8.6	-70	19.8
CS19	-12.1	-5.3	6.1	15.2	18.6	10.6	-7.8	-67.8	20.1
CS20	-3.8	3.6	15.3	21.6	22.1	11.3	-7	-65.7	24.1
CS21	-3	4.4	16.2	22.6	23.1	12.3	-6.3	-63.8	25
CS22	-2.2	5.3	17.2	23.6	24.3	13.6	-5.6	-61.9	26.2
BS1	-12	-5.1	6.2	13.3	16.3	7.8	-13.1	-82.9	17.9
BS2	-11.9	-5.1	6.3	13.3	16.4	7.9	-13	-82.6	18
BS3	-13.1	-6.3	5	13	16	7.4	-14	-85.4	17.6
BS4	-12.8	-6	5.3	12.6	15.6	6.8	-15.2	-88.7	17.1
BS5	-12.7	-5.9	5.4	12.3	15.2	6.4	-16.1	-91.4	16.8
BS6	-12.7	-5.9	5.3	12	14.8	5.8	-17.2	-94.6	16.3
BS7	-12.8	-6	5.2	12	14.8	5.9	-17	-94	16.4
BS8	-13	-6.2	5.1	12.3	15.2	6.4	-16.1	-91.4	16.8
BS9	-12.3	-5.5	5.8	12.7	15.6	6.9	-15.1	-88.5	17.2
BS10	-12.2	-5.3	6	13	15.9	7.3	-14.2	-85.8	17.5
R11	7.5	16.3	29.5	37.5	39.5	30	7.5	-65	41.2
CS1	0.1	9.8	24.1	33	36	27.4	5.9	-65.6	37.5
CS2	-1	7.8	20.6	27.6	28.3	17.1	-7.1	-81.1	30.2
CS3	-1.5	7.1	19.8	26.6	27.1	15.7	-8.8	-84.1	29
CS4	-16.1	-9.4	3.7	12.6	15.5	6.8	-15.2	-88.9	17.1
CS5	-17.2	-10.5	3.5	12.4	15.3	6.4	-15.9	-90.9	16.8
CS6	-17.5	-10.8	3.3	12.2	15	6.1	-16.7	-93	16.5
CS7	-17.7	-11	3.1	11.9	14.7	5.7	-17.4	-95.2	16.2
CS8	-17.7	-11	2.9	11.7	14.4	5.3	-18.2	-97.4	16
CS9	-17.1	-10.4	2.7	11.4	14.1	5	-19	-99.7	15.7
CS10	-16.7	-10	2.5	11.2	13.8	4.6	-19.7	-102	15.4
CS11	-12.4	-5.6	5.6	11.3	13.5	4.2	-20.6	-104.5	15.2
CS12	-12.6	-5.8	5.4	11.1	13	3.5	-22	-108.8	14.7
CS13	-14.8	-8.1	3	10.6	13.1	3.6	-21.9	-108.3	14.6
CS14	-15	-8.2	2.9	10.8	13.3	3.9	-21.1	-106	14.9
CS15	-15.1	-8.4	2.7	11	13.6	4.3	-20.3	-103.6	15.2
CS16	-15	-8.3	2.9	11.3	13.9	4.7	-19.5	-101.4	15.5
CS17	-15	-8.2	2.9	11.5	14.2	5.1	-18.8	-99.1	15.7
CS18	-14.8	-8	3.2	11.7	14.5	5.4	-18	-97	16
CS19	-14.3	-7.6	3.6	12	14.7	5.8	-17.3	-94.9	16.3
CS20	-2.2	6.3	18.9	25.5	25.9	14.2	-11.3	-90.5	27.8
CS21	-1.7	6.9	19.6	26.5	26.9	15.4	-9.8	-87.7	28.8
CS22	-0.3	9.2	23.2	31.6	33.7	23.6	-0.2	-76.2	35.3
BS1	-12.9	-6.1	5	10.7	13	3.5	-22	-108.7	14.6
BS2	-15.4	-8.7	2.5	10.6	13.1	3.6	-21.9	-108.2	14.6
BS3	-14.7	-7.9	3.2	10.3	12.7	3.1	-22.7	-110.9	14.3
BS4	-14.2	-7.5	3.6	10	12.4	2.7	-23.8	-113.9	14
BS5	-14	-7.3	3.8	9.8	12.1	2.3	-24.6	-116.4	13.7
BS6	-14	-7.2	3.8	9.5	11.7	1.8	-25.7	-119.6	13.3

BS7	-14.1	-7.4	3.7	9.5	11.8	1.8	-25.6	-119.3	13.3
BS8	-14.3	-7.6	3.5	9.7	12	2.2	-24.7	-116.8	13.6
BS9	-13.1	-6.3	4.8	10.5	12.4	2.6	-23.8	-114.1	14
BS10	-13	-6.2	4.9	10.6	12.6	3	-23	-111.7	14.3
R12	1.9	8.7	20.4	27.8	30.3	21.6	-0.3	-70.9	32
CS1	-8.3	-1.3	10.1	16.2	16.8	8.4	-12	-79.6	18.9
CS2	-8.5	-1.5	9.9	16	17	8.7	-11.5	-78.2	19
CS3	-12.6	-5.7	5.6	13.7	16.8	8.4	-12	-79.5	18.4
CS4	-16.2	-9.4	4.6	13.5	16.6	8.2	-12.5	-80.9	18.2
CS5	-17.2	-9.9	4.4	13.4	16.4	7.9	-12.9	-82.3	18
CS6	-17.2	-10	4.2	13.2	16.2	7.6	-13.5	-83.9	17.8
CS7	-17.4	-10.2	4.1	13	16	7.4	-14.1	-85.6	17.5
CS8	-17.1	-10.3	3.9	12.8	15.7	7.1	-14.7	-87.3	17.3
CS9	-16.5	-9.8	3.7	12.6	15.5	6.7	-15.3	-89.2	17
CS10	-16.1	-9.4	3.5	12.4	15.2	6.4	-16	-91.1	16.8
CS11	-12.1	-5.3	6	12.1	15	6.1	-16.7	-93.2	16.5
CS12	-12.3	-5.5	5.8	11.7	14.4	5.3	-18.2	-97.5	16
CS13	-14.3	-7.6	3.6	11.7	14.4	5.3	-18.2	-97.5	16
CS14	-14.5	-7.7	3.5	11.9	14.7	5.7	-17.5	-95.5	16.2
CS15	-14.6	-7.9	3.3	12.1	14.9	6	-16.9	-93.6	16.5
CS16	-14.8	-8	3.4	12.3	15.1	6.3	-16.2	-91.8	16.7
CS17	-14.7	-8	3.6	12.5	15.4	6.6	-15.6	-90	16.9
CS18	-14.6	-7.9	3.8	12.7	15.6	6.9	-15.1	-88.4	17.2
CS19	-14.4	-7.6	3.9	12.9	15.8	7.1	-14.5	-86.8	17.4
CS20	-14	-7.2	4.1	13	16	7.4	-14	-85.3	17.6
CS21	-12.7	-5.8	5.5	13.2	16.2	7.6	-13.5	-84	17.8
CS22	-8.9	-1.9	9.5	15.5	16.4	7.9	-13.1	-82.7	18.5
BS1	-14.6	-7.8	3.4	11.7	14.5	5.4	-18	-96.9	16
BS2	-14.1	-7.4	3.8	11.8	14.6	5.6	-17.7	-96	16.1
BS3	-13.6	-6.8	4.4	11.6	14.3	5.2	-18.5	-98.3	15.9
BS4	-13.3	-6.5	4.7	11.3	14	4.8	-19.4	-101	15.5
BS5	-13	-6.2	5	11.1	13.7	4.4	-20.1	-103.2	15.3
BS6	-13.2	-6.4	4.7	10.7	13.3	3.9	-21.3	-106.5	14.9
BS7	-13.3	-6.5	4.7	10.7	13.3	3.8	-21.3	-106.6	14.8
BS8	-13.4	-6.6	4.5	11	13.5	4.2	-20.5	-104.4	15.1
BS9	-13.7	-6.9	4.2	11.2	13.8	4.6	-19.7	-102	15.4
BS10	-12.7	-5.8	5.4	11.4	14.1	4.9	-19	-99.9	15.7
R13	4.1	11.3	23.3	31	33.6	25.2	6.4	-53.1	35.3
CS1	-1.5	6.3	18.3	24.8	25.4	14.7	-5.9	-63.6	27.3
CS2	-11.1	-4.2	7.3	16.1	19.6	11.9	-5.5	-61.5	21.2
CS3	-14	-7.2	6.8	16	19.4	11.7	-5.7	-62.2	21.1
CS4	-14.8	-7.8	6.7	15.9	19.3	11.6	-6	-63	20.9
CS5	-15.6	-7.9	6.6	15.7	19.2	11.4	-6.3	-63.8	20.8
CS6	-15.6	-8	6.4	15.6	19	11.2	-6.7	-65	20.6
CS7	-15.7	-8.1	6.3	15.4	18.8	10.9	-7.2	-66.2	20.4
CS8	-15.3	-8.3	6.1	15.2	18.6	10.7	-7.7	-67.5	20.2
CS9	-14.8	-8	5.9	15	18.4	10.4	-8.2	-69	20
CS10	-11.1	-4.3	7.2	14.8	18.1	10.1	-8.8	-70.6	19.7
CS11	-11.2	-4.4	7	14.6	17.9	9.8	-9.4	-72.4	19.5
CS12	-11.5	-4.7	6.7	14.1	17.2	9	-10.9	-76.7	18.8
CS13	-11.6	-4.7	6.6	14	17.2	8.9	-11.1	-77.1	18.8
CS14	-13	-6.2	5.2	14.2	17.4	9.2	-10.5	-75.4	19
CS15	-13.2	-6.3	5.4	14.4	17.7	9.5	-9.9	-73.8	19.2
CS16	-13.3	-6.5	5.5	14.6	17.9	9.8	-9.4	-72.3	19.5
CS17	-13.3	-6.5	5.7	14.8	18.1	10	-8.9	-70.9	19.7
CS18	-13.3	-6.5	5.8	14.9	18.3	10.2	-8.5	-69.8	19.8
CS19	-13.2	-6.4	6	15.1	18.4	10.5	-8.1	-68.6	20
CS20	-12.9	-6	6.1	15.2	18.6	10.6	-7.7	-67.7	20.2
CS21	-12.6	-5.7	6.2	15.3	18.7	10.8	-7.4	-66.9	20.3
CS22	-11.2	-4.4	7.1	15.4	18.8	10.9	-7.2	-66.2	20.4
BS1	-12.7	-5.9	5.5	14.2	17.4	9.1	-10.6	-75.8	18.9

BS2	-12.3	-5.5	5.9	14.3	17.5	9.3	-10.2	-74.6	19.1
BS3	-12	-5.2	6.2	14	17.2	8.9	-11	-76.7	18.8
BS4	-10	-3.1	8.3	14.4	16.9	8.5	-11.8	-79.2	18.6
BS5	-8.7	-1.7	9.7	15.8	16.6	8.1	-12.6	-81.3	18.7
BS6	-8.9	-1.9	9.5	15.5	16.1	7.5	-13.8	-84.7	18.2
BS7	-10.6	-3.7	7.7	13.7	16.1	7.5	-13.9	-85	17.8
BS8	-12.1	-5.3	6	13.3	16.3	7.8	-13.1	-82.9	17.9
BS9	-12.2	-5.4	6	13.6	16.7	8.2	-12.4	-80.7	18.2
BS10	-12.5	-5.7	5.7	13.8	16.9	8.6	-11.7	-78.9	18.5
R14	4.2	11.3	23	30	31.9	23	2.3	-66.4	33.7
CS1	-11.8	-5	6.4	13.3	16.3	7.8	-13.2	-83	17.9
CS2	-11.7	-4.8	6.5	13.7	16.8	8.4	-12.1	-80	18.3
CS3	-16.1	-9.3	4.7	13.7	16.8	8.4	-12	-79.6	18.4
CS4	-16.8	-9.5	4.8	13.8	16.9	8.5	-11.8	-79.1	18.5
CS5	-17.2	-9.5	4.8	13.8	16.9	8.6	-11.7	-78.7	18.5
CS6	-17.1	-9.5	4.8	13.8	17	8.6	-11.6	-78.6	18.5
CS7	-17.1	-9.5	4.8	13.8	17	8.6	-11.6	-78.5	18.5
CS8	-16.4	-9.5	4.8	13.8	17	8.6	-11.6	-78.6	18.5
CS9	-15.7	-9	4.8	13.8	16.9	8.6	-11.7	-78.9	18.5
CS10	-11.6	-4.8	6.6	13.8	16.9	8.5	-11.8	-79.2	18.5
CS11	-12.2	-5.4	6	13.7	16.8	8.4	-12	-79.8	18.4
CS12	-8.3	-1.3	10.1	16.2	16.3	7.8	-13.3	-83.3	18.6
CS13	-12.4	-5.5	5.8	13.1	16.1	7.5	-13.9	-85	17.6
CS14	-11.9	-5	6.3	13.1	16.1	7.6	-13.7	-84.5	17.7
CS15	-14	-7.2	4.2	13.2	16.2	7.6	-13.5	-84	17.8
CS16	-14.3	-7.5	4.3	13.2	16.2	7.7	-13.4	-83.7	17.8
CS17	-14.6	-7.8	4.3	13.2	16.3	7.7	-13.4	-83.5	17.8
CS18	-14.7	-7.9	4.3	13.2	16.3	7.7	-13.4	-83.5	17.8
CS19	-14.7	-7.9	4.3	13.2	16.3	7.7	-13.4	-83.5	17.8
CS20	-14.7	-7.9	4.3	13.2	16.2	7.7	-13.4	-83.7	17.8
CS21	-14.4	-7.6	4.2	13.2	16.2	7.6	-13.6	-84.1	17.7
CS22	-14.2	-7.4	4.2	13.1	16.1	7.5	-13.7	-84.5	17.7
BS1	-7.9	-0.9	10.6	16.7	16.8	8.1	-12.6	-81.4	19
BS2	-9.9	-3	8.4	14.4	16.8	8.5	-11.9	-79.4	18.6
BS3	-10.2	-3.3	8.1	14.1	16.7	8.3	-12.2	-80.3	18.4
BS4	-10.5	-3.6	7.8	13.8	16.5	8.1	-12.6	-81.5	18.2
BS5	-6.6	0.6	12.1	18.2	18.3	7.9	-13	-82.6	20.4
BS6	-6.2	1.1	12.6	18.7	18.7	7.3	-14.1	-85.7	20.8
BS7	-7	0.2	11.7	17.7	17.7	7.1	-14.6	-87	19.8
BS8	-7.3	-0.2	11.3	17.3	17.4	7.3	-14.2	-85.9	19.5
BS9	-7.2	-0.1	11.4	17.5	17.5	7.5	-13.9	-84.9	19.7
BS10	-7.1	0.1	11.6	17.6	17.7	7.6	-13.6	-84.2	19.8
R15	1.6	8.4	20.5	29.6	32.8	24.8	5.9	-54.1	34.4
CS1	-14.7	-7.9	3.9	12.8	15.7	7.1	-14.7	-87.3	17.3
CS2	-15.8	-9	4.3	13.2	16.3	7.7	-13.4	-83.6	17.8
CS3	-16.2	-9.4	4.5	13.4	16.5	8	-12.7	-81.7	18.1
CS4	-16.7	-9.6	4.7	13.7	16.8	8.4	-12	-79.6	18.4
CS5	-16.6	-9.4	4.9	13.9	17.1	8.8	-11.3	-77.6	18.7
CS6	-16.5	-9.2	5.1	14.1	17.3	9.1	-10.7	-75.9	18.9
CS7	-15.8	-9	5.3	14.4	17.6	9.4	-10	-74.1	19.2
CS8	-15	-8.2	5.5	14.6	17.8	9.7	-9.5	-72.5	19.4
CS9	-12.7	-5.8	5.7	14.8	18.1	10	-8.9	-71	19.7
CS10	-12.6	-5.7	5.9	15	18.3	10.3	-8.4	-69.5	19.9
CS11	-12.5	-5.7	6	15.1	18.5	10.5	-8	-68.4	20.1
CS12	-12.8	-5.9	5.8	14.9	18.2	10.1	-8.7	-70.3	19.8
CS13	-13.1	-6.3	5.4	14.5	17.7	9.6	-9.8	-73.3	19.3
CS14	-13.1	-6.3	5.3	14.3	17.6	9.4	-10.2	-74.5	19.1
CS15	-13.2	-6.4	5.1	14.2	17.4	9.1	-10.6	-75.7	19
CS16	-13.3	-6.5	5	14	17.2	8.9	-11.1	-77	18.8
CS17	-13.5	-6.7	4.8	13.8	17	8.6	-11.6	-78.4	18.6
CS18	-13.9	-7.1	4.7	13.6	16.8	8.3	-12.1	-80	18.3

CS19	-14.2	-7.4	4.5	13.5	16.5	8.1	-12.7	-81.6	18.1
CS20	-14.3	-7.5	4.3	13.2	16.3	7.7	-13.3	-83.4	17.8
CS21	-14.4	-7.6	4.1	13	16	7.4	-14	-85.2	17.6
CS22	-14.3	-7.5	3.9	12.8	15.8	7.1	-14.6	-87.2	17.3
BS1	-12.5	-5.6	6.1	15.3	18.7	10.7	-7.5	-67.2	20.2
BS2	-12.2	-5.3	6.5	15.6	19.1	11.3	-6.6	-64.5	20.7
BS3	-12.1	-5.2	6.6	15.8	19.2	11.4	-6.2	-63.5	20.8
BS4	-12	-5.2	6.7	15.9	19.4	11.6	-5.9	-62.7	21
BS5	-12	-5.1	6.8	16	19.4	11.7	-5.7	-62.2	21
BS6	-12.3	-5.4	6.5	15.6	19.1	11.2	-6.6	-64.6	20.7
BS7	-12.6	-5.7	6.2	15.3	18.7	10.7	-7.5	-67.1	20.3
BS8	-12.6	-5.8	6.1	15.2	18.6	10.7	-7.7	-67.5	20.2
BS9	-12.7	-5.8	6	15.1	18.5	10.5	-7.9	-68.2	20.1
BS10	-12.7	-5.9	5.9	15	18.3	10.3	-8.3	-69.2	19.9
R16	5.1	12.2	23.7	30	30.6	20.4	-2.8	-77.7	32.6
CS1	-16.6	-9.9	1.4	10	12.3	2.6	-23.9	-114.3	13.9
CS2	-17.9	-11.2	1.7	10.3	12.8	3.2	-22.6	-110.6	14.3
CS3	-18.3	-11.6	1.9	10.5	13	3.5	-22	-108.7	14.6
CS4	-18.8	-12	2.1	10.8	13.3	3.9	-21.2	-106.4	14.8
CS5	-18.8	-11.9	2.2	11	13.5	4.2	-20.5	-104.3	15.1
CS6	-18.6	-11.7	2.4	11.1	13.8	4.5	-19.9	-102.5	15.3
CS7	-17.8	-11.1	2.6	11.4	14	4.8	-19.2	-100.4	15.6
CS8	-16.9	-10.2	2.8	11.6	14.3	5.1	-18.6	-98.6	15.8
CS9	-6.6	0.7	12.2	18.2	18	6	-18	-96.9	20.1
CS10	-7.8	-0.7	10.7	16.7	16.5	5.7	-17.4	-95.1	18.7
CS11	-7.7	-0.6	10.8	16.8	16.6	6	-16.8	-93.5	18.8
CS12	-7.6	-0.5	11	16.9	16.8	5.8	-17.3	-94.9	18.9
CS13	-7.8	-0.7	10.7	16.6	16.4	5.2	-18.4	-98.1	18.6
CS14	-7.6	-0.4	11	16.9	16.7	5	-18.9	-99.6	18.8
CS15	-7.3	-0.1	11.3	17.3	17	4.8	-19.4	-101.1	19.1
CS16	-7.1	0.2	11.7	17.6	17.3	5	-20	-102.8	19.4
CS17	-15.2	-8.5	2.6	10.9	13.5	4.2	-20.6	-104.4	15.1
CS18	-15.7	-8.9	2.2	10.8	13.3	3.9	-21.2	-106.2	14.9
CS19	-16.1	-9.4	1.9	10.6	13.1	3.6	-21.8	-108	14.6
CS20	-16.2	-9.5	1.7	10.4	12.9	3.3	-22.4	-110	14.4
CS21	-16.3	-9.6	1.6	10.2	12.6	3	-23.1	-111.9	14.2
CS22	-16.2	-9.5	1.5	10	12.4	2.7	-23.8	-114	13.9
BS1	-8.8	-1.8	9.6	15.5	15.4	6.3	-16.2	-91.7	17.7
BS2	-10.7	-3.9	7.5	13.4	15.5	6.8	-15.3	-89	17.3
BS3	-10.9	-4	7.3	13.2	15.7	7	-14.7	-87.5	17.4
BS4	-7.3	-0.1	11.3	17.4	17.4	7.3	-14.2	-86	19.5
BS5	-7.2	-0.1	11.4	17.4	17.5	7.5	-13.9	-84.9	19.6
BS6	-7.4	-0.3	11.2	17.2	17.2	7.2	-14.5	-86.7	19.4
BS7	-7.7	-0.6	10.9	16.9	16.8	6.7	-15.4	-89.5	19
BS8	-7.7	-0.6	10.8	16.8	16.7	6.5	-15.8	-90.4	18.9
BS9	-7.9	-0.8	10.6	16.5	16.4	6.3	-16.2	-91.8	18.6
BS10	-7.9	-0.8	10.6	16.5	16.4	6	-16.7	-93.2	18.6
R17	8.1	16.7	29.9	38.1	40.5	31.3	8.6	-67.1	42.1
CS1	-17.2	-10.6	0.3	8.3	10.2	-0.2	-30	-132.7	11.8
CS2	-18.5	-11.9	0.2	8.6	10.6	0.3	-28.8	-129.1	12.2
CS3	-18.9	-12.2	0.4	8.8	10.9	0.7	-27.9	-126.5	12.5
CS4	-18.9	-12.3	0.6	9.1	11.3	1.2	-27	-123.5	12.8
CS5	-18.9	-12.2	0.8	9.4	11.6	1.6	-26.1	-120.8	13.1
CS6	-18.2	-11.5	1	9.6	11.9	2	-25.2	-118.2	13.4
CS7	-17	-10.3	1.3	9.9	12.2	2.4	-24.3	-115.4	13.8
CS8	-8.8	-1.7	9.6	15.4	14.8	2.8	-23.4	-112.8	17
CS9	-8.5	-1.4	10	15.8	15.3	3.3	-22.5	-110.2	17.5
CS10	-8.1	-1	10.4	16.2	15.8	3.7	-21.6	-107.5	17.9
CS11	-8	-0.9	10.5	16.3	16	4.1	-20.8	-105	18.1
CS12	-7.2	0.1	11.5	17.4	17.1	4.7	-20.7	-104.7	19.2
CS13	-7.1	0.2	11.6	17.5	17.1	4.6	-21.9	-108.3	19.2

CS14	-8.1	-0.9	10.4	16.2	15.7	3.2	-22.7	-110.8	17.9
CS15	-8.5	-1.4	10	15.7	15.2	2.8	-23.5	-113.2	17.4
CS16	-8.8	-1.7	9.6	15.3	14.7	2.4	-24.4	-115.7	16.9
CS17	-9.2	-2.1	9.2	14.9	14.2	2	-25.2	-118.3	16.5
CS18	-9.5	-2.4	8.8	14.5	13.8	1.6	-26.1	-120.9	16.1
CS19	-15.6	-8.9	2.1	9.1	11.3	1.2	-26.9	-123.4	12.9
CS20	-16.1	-9.5	1.5	8.9	11	0.8	-27.8	-126.1	12.6
CS21	-16.4	-9.8	1.2	8.6	10.7	0.4	-28.7	-128.7	12.3
CS22	-16.6	-9.9	1	8.4	10.4	0	-29.6	-131.4	12
BS1	-8.9	-1.9	9.4	15.3	15	4.7	-19.5	-101.4	17.2
BS2	-10.7	-3.8	7.4	13.3	14.2	5.1	-18.7	-98.8	16.2
BS3	-10.8	-3.9	7.3	13.2	14.6	5.5	-17.7	-96.2	16.5
BS4	-0.6	9.1	23.3	32.1	34.9	26	3.2	-73.3	36.5
BS5	-0.4	9.3	23.5	32.4	35.2	26.4	4	-71.1	36.8
BS6	-0.4	9.2	23.5	32.3	35.2	26.3	3.8	-71.5	36.7
BS7	-2.8	5.4	17.7	24.2	24.3	12.6	-13.4	-93.8	26.3
BS8	-3.2	5	17.1	23.5	23.6	11.7	-14.6	-96.4	25.6
BS9	-3.3	4.8	17	23.4	23.4	11.5	-15.3	-98.8	25.5
BS10	-8.2	-1	10.3	16.2	15.9	4.6	-19.7	-101.9	18.1
R18	12.5	20.5	32.8	39.6	40.5	30.6	12.4	-38.4	42.4
CS1	-13.7	-7	4.3	12	14.8	5.8	-17.2	-94.6	16.3
CS2	-14.8	-8	3.5	12.4	15.2	6.4	-16	-91	16.8
CS3	-14.6	-7.8	3.8	12.7	15.6	6.9	-14.9	-88	17.2
CS4	-14.5	-7.7	4.2	13.1	16.1	7.5	-13.7	-84.6	17.7
CS5	-6.7	0.5	12	18.1	18.2	8.1	-12.6	-81.4	20.3
CS6	-6.3	0.9	12.4	18.5	18.7	8.7	-11.5	-78.3	20.8
CS7	-5.9	1.3	12.9	19	19.3	9.3	-10.3	-75	21.4
CS8	-5.5	1.7	13.3	19.5	19.8	9.9	-9.2	-71.8	21.9
CS9	-5.1	2.1	13.8	20	20.4	10.5	-8.1	-68.6	22.5
CS10	-4.7	2.6	14.2	20.5	21	11.1	-6.9	-65.4	23
CS11	-4.3	3	14.6	21	21.5	11.7	-5.7	-62.2	23.5
CS12	0	8.1	20.4	27.1	27.9	17.3	-2.8	-60.8	29.7
CS13	-0.6	7.5	19.7	26.4	27.1	16.4	-4.4	-64.6	28.9
CS14	-4.8	2.4	14.1	20.3	20.7	10.7	-7.7	-67.6	22.8
CS15	-5.2	2	13.6	19.9	20.2	10.1	-8.8	-70.6	22.3
CS16	-5.6	1.6	13.2	19.4	19.7	9.5	-9.9	-73.7	21.7
CS17	-6	1.2	12.8	18.9	19.1	8.9	-11	-76.8	21.2
CS18	-6.4	0.8	12.3	18.4	18.6	8.4	-12.1	-79.9	20.7
CS19	-6.8	0.4	11.9	18	18.1	7.8	-13.2	-83	20.2
CS20	-7.1	0	11.5	17.5	17.6	7.3	-14.3	-86.1	19.7
CS21	-7.5	-0.3	11.1	17.1	17.1	6.7	-15.4	-89.3	19.2
CS22	-7.8	-0.7	10.7	16.7	16.6	6.2	-16.5	-92.4	18.7
BS1	-4.9	2.3	13.9	20.3	20.9	12.7	-4	-57.5	23
BS2	-5.8	1.3	12.9	19.2	20.6	13.2	-3.1	-55.1	22.7
BS3	-5.7	1.4	13	19.4	21.2	13.9	-1.8	-51.7	23.2
BS4	2	10.3	22.8	29.7	30.8	20.7	2.7	-47.9	32.6
BS5	2.6	11	23.6	30.6	31.8	21.8	4.3	-44.5	33.6
BS6	2.9	11.3	24	31.1	32.3	22.4	5	-43.5	34.1
BS7	2.1	10.5	23	30	31.1	21.1	3.1	-47.5	32.9
BS8	1.7	9.9	22.4	29.3	30.4	20.2	1.8	-50.5	32.2
BS9	1	9.2	21.6	28.4	29.3	19.1	0.1	-54.1	31.2
BS10	0.4	8.5	20.9	27.6	28.5	18	-1.5	-57.2	30.3
R19	13	21.7	34.9	42.7	44.6	35	16	-39.5	46.3
CS1	-14.1	-7.4	3.8	10.8	13.4	4	-20.9	-105.5	15
CS2	-15.1	-8.4	2.8	11.2	13.8	4.6	-19.8	-102.1	15.4
CS3	-14.9	-8.2	3	11.5	14.2	5.1	-18.7	-99.1	15.8
CS4	-7.4	-0.2	11.2	17.2	17	5.6	-17.6	-95.6	19.1
CS5	-7.1	0.1	11.6	17.6	17.5	6.2	-16.4	-92.4	19.6
CS6	-6.7	0.5	12	18	18	6.7	-15.4	-89.2	20.1
CS7	-6.4	0.8	12.4	18.4	18.5	7.3	-14.2	-85.9	20.6
CS8	-6	1.2	12.8	18.9	19	7.9	-13	-82.6	21

CS9	-5.7	1.6	13.1	19.3	19.5	8.5	-11.9	-79.4	21.5
CS10	-5.3	1.9	13.5	19.7	20	9.1	-10.7	-76.1	22
CS11	-5.1	2.2	13.8	20	20.4	9.7	-9.6	-72.8	22.4
CS12	0.4	9.3	22.3	29.5	30.5	19.8	-1.9	-67	32.3
CS13	-0.5	8	20.6	27.5	28.1	17.2	-5.3	-72.6	30
CS14	-0.8	7.8	20.4	27.2	27.9	16.8	-6.1	-75.6	29.8
CS15	-1	7.6	20.2	27.1	27.7	16.5	-7	-78.4	29.6
CS16	-6.1	1.1	12.7	18.8	18.8	7.6	-13.6	-84.2	20.9
CS17	-6.5	0.8	12.3	18.3	18.4	7.1	-14.7	-87.3	20.4
CS18	-6.8	0.4	11.9	17.9	17.9	6.5	-15.8	-90.5	20
CS19	-7.1	0.1	11.5	17.5	17.4	6	-16.9	-93.7	19.5
CS20	-7.4	-0.3	11.2	17.1	16.9	5.4	-18	-96.9	19
CS21	-7.8	-0.6	10.8	16.7	16.4	4.9	-19.1	-100	18.6
CS22	-8.1	-0.9	10.4	16.3	16	4.4	-20.2	-103.2	18.1
BS1	-1.6	6.2	18.2	24.7	25.3	14.4	-6.9	-67.9	27.2
BS2	-6.4	0.7	12.2	18.4	18.9	11	-7	-65.7	21.1
BS3	2.2	11.5	25.3	33.4	35.2	25.4	5.5	-53.7	36.9
BS4	2.7	12.2	26.2	34.5	36.7	27.2	8.1	-48.6	38.3
BS5	3.2	12.8	26.9	35.5	38	28.9	10.5	-44.1	39.6
BS6	3.4	12.9	27.1	35.7	38.3	29.3	11.1	-42.9	39.9
BS7	1.1	9.5	22.1	29.1	30	19.7	0.1	-56.4	31.9
BS8	0.7	9.1	21.6	28.5	29.4	18.9	-1.2	-59.6	31.2
BS9	0.1	8.3	20.8	27.5	28.3	17.7	-3	-63.6	30.2
BS10	-0.3	7.9	20.3	27.1	27.8	17	-4.2	-66.9	29.7
R20	13.2	22.3	36	44.3	46.9	37.9	16.9	-49.2	48.5
CS1	-5.8	2.1	13.9	19.9	19.3	6.2	-25.4	-126.5	21.5
CS2	-2.9	6.7	20.6	29.1	31.3	21.2	-6.9	-103.5	32.8
CS3	-2.7	6.9	20.9	29.4	31.6	21.7	-5.9	-100.3	33.2
CS4	-2.4	7.2	21.2	29.7	32	22.2	-4.7	-96.8	33.6
CS5	-2.2	7.4	21.4	30	32.4	22.7	-3.6	-93.5	34
CS6	-1.9	7.7	21.7	30.4	32.8	23.2	-2.5	-90.3	34.4
CS7	-1.7	7.9	22	30.7	33.2	23.8	-1.4	-86.8	34.8
CS8	-2.6	6.1	18.9	25.7	26	14	-13.3	-99.5	27.9
CS9	-2.4	6.3	18.9	25.7	26	14.2	-12.6	-96.5	28
CS10	-2.1	6.6	19.3	26.2	26.6	14.9	-11.3	-93	28.5
CS11	-2	6.6	19.3	26.1	26.4	14.8	-10.8	-90.3	28.4
CS12	-1.7	7	19.7	26.6	27	15.6	-9.6	-87.2	28.9
CS13	-0.6	9.1	23.2	32.1	34.9	26	3.1	-73.7	36.4
CS14	-2.7	5.7	18.1	24.7	24.9	13	-13.3	-95.2	26.8
CS15	-3.2	5.1	17.4	23.9	23.9	11.9	-15	-99.1	25.9
CS16	-3.6	4.6	16.7	23.1	23	10.9	-16.6	-103	25.1
CS17	-4	4.1	16.1	22.4	22.3	10	-18.1	-106.7	24.3
CS18	-4.5	3.6	15.6	21.8	21.5	9.1	-19.6	-110.4	23.6
CS19	-4.8	3.1	15	21.2	20.8	8.3	-21	-113.7	23
CS20	-5.2	2.7	14.6	20.6	20.2	7.5	-22.4	-117	22.3
CS21	-5.6	2.3	14.1	20.1	19.6	6.7	-23.8	-120.3	21.7
CS22	-5.9	1.9	13.6	19.6	19	6	-25.1	-123.7	21.2
BS1	-3.7	4	15.9	22.1	22.3	10.6	-14.2	-88	24.3
BS2	0.1	9.7	24	32.9	35.9	27.2	5.6	-66.4	37.4
BS3	0.4	10.1	24.4	33.3	36.4	27.9	6.9	-62.7	37.9
BS4	0.8	10.5	24.8	33.8	36.9	28.6	8.3	-58.7	38.5
BS5	1.1	10.8	25.2	34.2	37.4	29.2	9.5	-55.5	39
BS6	1.3	11	25.4	34.5	37.7	29.5	10.2	-53.5	39.3
BS7	1.1	10.8	25.1	34.1	37.3	29.1	9.3	-56	38.9
BS8	-0.8	7.7	20.4	27.3	27.9	16.8	-6.4	-76.8	29.8
BS9	-1.4	7	19.5	26.3	26.8	15.5	-8.4	-81.2	28.7
BS10	-2	6.4	18.7	25.4	25.7	14.3	-10.2	-85.2	27.7
R21	13.1	22.2	35.8	44.2	46.8	38.1	17.3	-49.6	48.4
CS1	-6.2	1.5	13.2	19.1	18.4	5.3	-26.5	-127.3	20.6
CS2	-6	1.8	13.6	19.5	18.9	5.9	-25.4	-124.5	21.1
CS3	-5.7	2.2	14	20	19.4	6.5	-24.1	-121.3	21.6

CS4	-5.3	2.6	14.5	20.5	20.1	7.3	-22.7	-117.8	22.2
CS5	-4.9	3	15	21.1	20.7	8.1	-21.3	-114.5	22.8
CS6	-4.5	3.5	15.5	21.6	21.4	8.9	-20	-111.2	23.5
CS7	-4.1	4	16	22.3	22.1	9.8	-18.4	-107.5	24.2
CS8	-3.7	4.5	16.6	23	22.9	10.8	-16.9	-103.7	25
CS9	-3.2	5	17.3	23.7	23.8	11.8	-15.3	-99.9	25.8
CS10	-2.8	5.6	18	24.6	24.7	12.9	-13.6	-95.9	26.7
CS11	-2.2	6.3	18.8	25.5	25.8	14.1	-11.7	-91.8	27.8
CS12	-0.4	9.3	23.5	32.4	35.2	26.4	4	-71.1	36.8
CS13	-0.6	9	23.2	32	34.8	25.9	3	-74.1	36.4
CS14	-0.9	8.7	22.9	31.7	34.4	25.3	1.8	-77.4	36
CS15	-2	6.9	19.9	27	27.6	15.9	-11	-95.3	29.4
CS16	-2.6	6.2	19	25.8	26.1	14.2	-13.3	-99.9	28.1
CS17	-3	5.6	18.2	24.9	25	12.8	-15.3	-104.2	26.9
CS18	-3.5	5	17.4	24	24	11.6	-17.1	-108.2	26
CS19	-3.9	4.5	16.8	23.2	23	10.6	-18.8	-112.1	25.1
CS20	-4.3	4	16.2	22.5	22.2	9.6	-20.4	-116	24.3
CS21	-4.7	3.5	15.6	21.9	21.5	8.7	-21.9	-119.7	23.6
CS22	-5.1	3.1	15.1	21.2	20.8	7.8	-23.4	-123.4	22.9
BS1	-3.8	3.9	15.8	22	22.1	10.5	-14.5	-88.9	24.2
BS2	-2.1	6.2	18.6	25.2	25.5	14	-10.6	-86.3	27.5
BS3	-1.5	6.9	19.4	26.1	26.6	15.3	-8.8	-82.1	28.5
BS4	0.7	10.4	24.7	33.7	36.8	28.4	7.9	-59.9	38.3
BS5	1	10.7	25	34.1	37.2	29	9.1	-56.6	38.8
BS6	1.2	11	25.3	34.4	37.6	29.4	9.9	-54.3	39.2
BS7	1	10.7	25	34.1	37.2	29	9.1	-56.6	38.8
BS8	0.7	10.4	24.7	33.7	36.8	28.4	7.9	-59.8	38.3
BS9	0.3	10	24.3	33.2	36.3	27.7	6.6	-63.6	37.8
BS10	0	9.7	23.9	32.8	35.8	27.1	5.4	-67.1	37.3
R22	15.5	24.9	38.8	47.5	50.5	42.3	24.2	-30.5	52.1
CS1	-1.8	7.4	20.8	28.3	29.2	17.7	-9.1	-94.3	31
CS2	-2.3	6.5	19.2	26.1	26.5	14.7	-12.1	-96.2	28.4
CS3	-2	6.7	19.5	26.4	26.8	15.2	-11.1	-93.3	28.7
CS4	-1.8	6.9	19.7	26.6	27	15.5	-10.3	-90.2	28.9
CS5	-1.6	7.1	19.8	26.7	27.2	15.7	-9.5	-87.4	29.1
CS6	-1.4	7.3	20.1	27	27.5	16.2	-8.5	-84.5	29.4
CS7	-1.2	7.5	20.2	27.2	27.7	16.5	-7.7	-81.6	29.6
CS8	-0.9	7.7	20.4	27.4	28	16.8	-6.8	-78.7	29.9
CS9	-0.6	8	20.7	27.7	28.3	17.3	-5.8	-75.7	30.2
CS10	0.1	9	22.1	29.3	30.3	19.5	-3	-70.9	32.1
CS11	1	10.3	23.9	31.8	33.4	23.1	1.4	-64.4	35
CS12	1.9	11.6	26	35.2	38.5	30.5	12.1	-48.1	40.1
CS13	1.7	11.4	25.8	34.9	38.3	30.2	11.5	-49.8	39.8
CS14	1.4	11.1	25.5	34.5	37.8	29.6	10.4	-52.9	39.4
CS15	1	10.8	25.1	34.1	37.3	29	9.2	-56.2	38.9
CS16	0.7	10.4	24.7	33.7	36.8	28.5	8.1	-59.4	38.4
CS17	0.4	10.1	24.4	33.3	36.4	27.9	7	-62.6	38
CS18	0.1	9.8	24	33	36	27.3	5.9	-65.8	37.5
CS19	-0.2	9.5	23.7	32.6	35.5	26.8	4.7	-69	37.1
CS20	-0.5	9.2	23.4	32.2	35.1	26.2	3.6	-72.2	36.6
CS21	-0.7	8.9	23.1	31.9	34.7	25.7	2.5	-75.4	36.2
CS22	-1	8.6	22.8	31.5	34.3	25.1	1.4	-78.7	35.8
BS1	-1.5	6.4	18.5	25	25.6	14.7	-6.5	-67.4	27.5
BS2	-0.5	7.7	20.1	26.8	27.5	16.7	-4.5	-67.3	29.4
BS3	-0.1	8.1	20.5	27.3	28	17.4	-3.4	-64.2	29.9
BS4	0.2	8.4	20.7	27.5	28.3	17.7	-2.4	-61	30.2
BS5	0.3	8.4	20.8	27.5	28.3	17.9	-1.8	-58.4	30.2
BS6	3.5	13.3	27.8	37	40.7	33.2	17	-34.9	42.3
BS7	3.4	13.2	27.7	36.9	40.6	33.1	16.8	-35.5	42.2
BS8	3.1	12.8	27.3	36.5	40.1	32.5	15.7	-38.3	41.7
BS9	2.7	12.4	26.9	36.1	39.6	31.8	14.5	-41.5	41.2
BS10	2.3	12.1	26.5	35.6	39.1	31.3	13.4	-44.5	40.7

R23	18.2	27.7	41.8	50.7	54.2	46.8	31.7	-14	55.9
CS1	1.3	10.7	24.4	32.4	34.2	24.1	2.9	-61.1	35.8
CS2	0.8	9.8	23	30.4	31.5	21	-0.4	-64.3	33.3
CS3	1.1	10.1	23.3	30.7	31.9	21.4	0.4	-61.9	33.6
CS4	1.3	10.3	23.4	30.8	32	21.7	1.1	-59.6	33.8
CS5	1.5	10.5	23.6	31	32.2	21.9	1.7	-57.6	34
CS6	1.8	10.7	23.8	31.2	32.5	22.2	2.4	-55.4	34.2
CS7	2	10.9	24	31.4	32.6	22.4	3	-53.4	34.4
CS8	2.2	11.1	24.2	31.5	32.8	22.7	3.6	-51.6	34.6
CS9	2.5	11.3	24.4	31.7	33	23	4.2	-49.7	34.8
CS10	2.6	11.4	24.5	31.8	33.1	23.1	4.6	-48.2	34.9
CS11	2.8	11.6	24.7	32	33.3	23.4	5.2	-46.6	35.1
CS12	4.8	14.6	29.2	38.5	42.3	35.2	20.6	-25.6	44
CS13	4.9	14.7	29.3	38.6	42.5	35.4	20.8	-24.9	44.1
CS14	4.6	14.4	29	38.3	42.1	35	20.1	-26.8	43.8
CS15	4.3	14.1	28.7	38	41.7	34.5	19.3	-28.8	43.4
CS16	4	13.8	28.3	37.6	41.3	34	18.5	-31	43
CS17	3.7	13.5	28	37.3	40.9	33.5	17.6	-33.3	42.6
CS18	3.4	13.2	27.7	36.9	40.5	33	16.7	-35.7	42.2
CS19	3.1	12.8	27.3	36.5	40.1	32.5	15.8	-38.2	41.7
CS20	2.8	12.5	27	36.2	39.7	32	14.8	-40.7	41.3
CS21	2.4	12.2	26.6	35.8	39.3	31.5	13.9	-43.3	40.9
CS22	2.1	11.9	26.3	35.4	38.8	31	12.9	-46	40.4
BS1	2.1	10.4	22.9	29.9	31	21	3.1	-46.9	32.8
BS2	1	9	21.2	28	28.9	18.8	0.6	-48.9	30.8
BS3	1.3	9.3	21.5	28.3	29.3	19.2	1.2	-47.8	31.2
BS4	1.3	9.3	21.6	28.3	29.3	19.3	1.5	-46.7	31.2
BS5	1.2	9.1	21.4	28.1	29.1	19.1	1.4	-46.1	31
BS6	5.2	15	29.6	39	42.8	35.8	21.5	-23.1	44.5
BS7	5.5	15.3	29.9	39.3	43.2	36.3	22.3	-21.1	44.9
BS8	5.4	15.2	29.8	39.2	43.1	36.1	22	-21.8	44.8
BS9	5.2	15	29.6	39	42.9	35.8	21.6	-22.8	44.6
BS10	5	14.9	29.4	38.8	42.7	35.6	21.2	-23.9	44.3
R24	19.9	29.3	43.5	52.6	56.3	49.2	35.7	-5.4	58
CS1	3.6	12.9	26.7	34.8	36.7	27.2	9.2	-42.5	38.4
CS2	2.9	11.8	25	32.4	33.8	23.8	5.6	-46.5	35.5
CS3	3.2	12.1	25.2	32.6	34.1	24.2	6.2	-44.7	35.8
CS4	3.4	12.2	25.3	32.8	34.2	24.4	6.7	-43.1	35.9
CS5	3.5	12.4	25.4	32.8	34.3	24.5	7.1	-41.8	36
CS6	3.7	12.6	25.6	33	34.5	24.7	7.6	-40.4	36.3
CS7	3.9	12.7	25.7	33.1	34.5	24.8	7.8	-39.4	36.3
CS8	4	12.8	25.8	33.2	34.6	24.9	8.1	-38.5	36.4
CS9	4.1	12.9	25.9	33.2	34.7	25	8.3	-37.7	36.5
CS10	4.1	12.8	25.8	33.2	34.6	25	8.3	-37.4	36.4
CS11	4.2	12.9	25.9	33.2	34.7	25.1	8.5	-37	36.5
CS12	6.2	16.1	30.7	40.2	44.2	37.4	24.2	-16.3	45.9
CS13	6.7	16.5	31.1	40.6	44.7	38	25.2	-14	46.4
CS14	6.6	16.4	31.1	40.6	44.6	37.9	25	-14.4	46.3
CS15	6.5	16.3	30.9	40.4	44.4	37.7	24.7	-15.2	46.2
CS16	6.3	16.1	30.8	40.2	44.2	37.4	24.3	-16.1	46
CS17	6.1	15.9	30.5	40	44	37.1	23.8	-17.4	45.7
CS18	5.8	15.7	30.3	39.7	43.7	36.8	23.2	-18.8	45.4
CS19	5.6	15.4	30	39.4	43.3	36.4	22.6	-20.5	45
CS20	5.3	15.1	29.7	39.1	43	36	21.8	-22.3	44.7
CS21	5	14.8	29.4	38.7	42.6	35.5	21.1	-24.3	44.3
CS22	4.7	14.5	29	38.4	42.2	35	20.2	-26.5	43.8
BS1	5.8	15.6	30.2	39.7	43.6	36.7	23.1	-19.1	45.3
BS2	1.9	9.9	22.1	28.9	30	20.1	3.1	-41.7	31.9
BS3	2	10	22.3	29.1	30.2	20.3	3.2	-42.3	32.1
BS4	1.9	9.8	22.1	28.9	30	20.1	2.9	-43.1	31.9
BS5	1.6	9.5	21.8	28.6	29.6	19.7	2.3	-44	31.5

BS6	3.2	11.6	24.2	31.3	32.5	22.7	5.7	-41.3	34.3
BS7	5.8	15.6	30.2	39.7	43.6	36.7	23.1	-19	45.3
BS8	5.9	15.8	30.4	39.9	43.8	37	23.5	-18.1	45.5
BS9	6.1	15.9	30.6	40	44	37.2	23.9	-17.2	45.7
BS10	6.2	16	30.7	40.1	44.1	37.3	24.1	-16.6	45.9
R25	19.5	29	43.2	52.2	55.8	48.6	34.6	-8	57.5
CS1	5.1	15	29.5	38.9	42.8	35.8	21.5	-23.2	44.5
CS2	3.8	12.8	26.1	33.6	35.2	25.5	8.2	-40.4	36.9
CS3	4	12.9	26.2	33.8	35.3	25.7	8.5	-39.5	37.1
CS4	4	13	26.2	33.7	35.3	25.7	8.6	-39	37.1
CS5	4	13	26.2	33.7	35.2	25.6	8.6	-38.9	37
CS6	4.1	13	26.2	33.7	35.3	25.7	8.7	-38.6	37
CS7	4	12.9	26.1	33.6	35.2	25.5	8.5	-38.9	36.9
CS8	4	12.9	26.1	33.5	35.1	25.4	8.3	-39.3	36.8
CS9	3.9	12.8	26	33.4	35	25.3	8.1	-39.8	36.7
CS10	3.7	12.6	25.8	33.2	34.7	25	7.7	-40.7	36.5
CS11	3.6	12.5	25.7	33.1	34.6	24.9	7.4	-41.6	36.4
CS12	4.6	14	27.8	35.9	38	28.8	11.9	-35.8	39.7
CS13	5.6	15.4	30	39.5	43.4	36.5	22.7	-20.2	45.1
CS14	5.8	15.6	30.2	39.7	43.6	36.7	23.1	-19.2	45.3
CS15	5.9	15.7	30.4	39.8	43.8	36.9	23.4	-18.4	45.5
CS16	6	15.8	30.5	39.9	43.9	37	23.6	-17.8	45.6
CS17	6	15.9	30.5	40	43.9	37.1	23.7	-17.6	45.6
CS18	6.1	15.9	30.5	40	44	37.1	23.8	-17.5	45.7
CS19	6	15.8	30.5	39.9	43.9	37	23.7	-17.7	45.6
CS20	5.9	15.8	30.4	39.8	43.8	36.9	23.5	-18.2	45.5
CS21	5.8	15.6	30.3	39.7	43.6	36.8	23.2	-19	45.3
CS22	5.6	15.5	30.1	39.5	43.4	36.5	22.8	-20	45.1
BS1	4.6	14.4	28.9	38.3	42.1	34.9	20	-26.9	43.8
BS2	1	9	21.3	28	29	18.8	0.5	-49.8	30.8
BS3	1	9	21.3	28.1	29	18.8	0.3	-51.5	30.9
BS4	0.7	8.8	21.1	27.8	28.7	18.4	-0.5	-53.5	30.6
BS5	0.4	8.4	20.7	27.4	28.2	17.9	-1.3	-55.2	30.1
BS6	1.3	9.6	22.1	28.9	29.9	19.6	0.6	-53.9	31.8
BS7	4	13.8	28.3	37.6	41.4	34	18.5	-31	43
BS8	4.3	14.1	28.6	37.9	41.7	34.4	19.2	-29.2	43.3
BS9	4.6	14.4	28.9	38.3	42.1	34.9	20	-27.1	43.7
BS10	4.8	14.6	29.2	38.6	42.4	35.3	20.7	-25.3	44.1
R26	19.6	28.9	43.3	52.8	57.1	51.1	41.9	16.7	59
CS1	-8.4	-1.5	10	16.3	19.1	11.3	-6.4	-64	20.9
CS2	-8	-1	10.5	16.8	19.7	12	-5.2	-60.7	21.4
CS3	-7.5	-0.6	11	17.3	20.2	12.7	-3.9	-57.4	22
CS4	-7	0	11.6	17.9	20.9	13.5	-2.5	-53.7	22.6
CS5	-6.5	0.5	12.2	18.5	21.5	14.2	-1.2	-50.2	23.3
CS6	-5.9	1.1	12.8	19.2	22.1	15	0.1	-46.7	23.9
CS7	-5.3	1.8	13.4	19.9	22.8	15.8	1.5	-43.1	24.7
CS8	-4.6	2.4	14.1	20.6	23.5	16.6	3	-39.5	25.4
CS9	-3.9	3.2	14.9	21.4	24.3	17.5	4.4	-35.9	26.2
CS10	-3.1	3.9	15.7	22.3	25.1	18.4	5.9	-32.2	27
CS11	-2.3	4.8	16.6	23.2	25.9	19.4	7.5	-28.5	27.9
CS12	3.1	10.8	22.9	29.7	31	21.6	8.4	-26.2	32.8
CS13	1.2	8.7	20.7	27.4	28.6	19	6.7	-30.2	30.4
CS14	0.9	8.4	20.3	27	28.1	18.5	5.3	-33.7	30
CS15	0.6	8.1	20.1	26.7	27.8	18	3.9	-37.2	29.7
CS16	0.3	7.8	19.8	26.4	27.4	17.5	2.5	-40.7	29.3
CS17	0	7.6	19.6	26.2	27.1	17.1	1.1	-44.1	29
CS18	-6	1.1	12.7	19.1	22	14.8	-0.2	-47.6	23.8
CS19	-6.5	0.5	12.1	18.5	21.3	14	-1.6	-51.1	23.1
CS20	-7.1	-0.1	11.5	17.8	20.7	13.3	-2.9	-54.5	22.5
CS21	-7.6	-0.6	11	17.3	20.1	12.6	-4.1	-57.9	21.9
CS22	-8	-1.1	10.5	16.7	19.6	11.9	-5.4	-61.4	21.3

BS1	4.5	12.3	24.6	31.5	32.9	23.6	9.9	-22.8	34.7
BS2	-1.2	5.9	17.7	24.4	27.9	21.7	11	-20.4	29.9
BS3	10.4	20.3	35	44.7	49.1	42.9	32.8	3.8	50.9
BS4	11.5	21.5	36.3	46	50.4	44.5	35	8.4	52.3
BS5	12.6	22.6	37.4	47.1	51.6	45.8	36.9	12.2	53.6
BS6	12.9	22.9	37.7	47.4	52	46.1	37.3	13.2	53.9
BS7	7.7	15.6	28	35	36.6	27.7	15.4	-10.8	38.5
BS8	5.4	13	25.2	32	33.5	24.5	13.8	-14.2	35.4
BS9	3.4	10.8	22.9	29.6	31.1	22.3	12	-18.2	33
BS10	2.8	10.2	22.2	29	30.3	21.2	10.3	-21.9	32.2
NokiaTheater	11.3	20.7	35.3	44.9	49.2	43	32.6	2.4	51.1
CS1	9.9	19.8	34.6	44.3	48.6	42.4	32.1	2.1	50.4
CS2	-6.8	0.5	15.2	24.9	29.3	23.2	13.2	-15.4	31.2
CS3	-8.3	0.2	15	24.6	29	22.9	12.7	-16.4	30.9
CS4	-9.7	-0.1	14.6	24.3	28.6	22.4	12.1	-17.8	30.5
CS5	-8.9	-0.5	14.2	23.8	28.2	21.9	11.4	-19.5	30
CS6	-9.2	-1	13.7	23.3	27.6	21.3	10.4	-21.6	29.4
CS7	-9.5	-1.5	13.2	22.8	27	20.6	9.4	-23.9	28.8
CS8	-9.7	-2.1	12.6	22.2	26.4	20	8.3	-26.4	28.2
CS9	-9.5	-2.6	12.1	21.6	25.8	19.2	7.2	-29.1	27.5
CS10	-9.5	-2.5	11.5	21.1	25.1	18.5	6	-31.9	26.9
CS11	-9.5	-2.5	11	20.5	24.5	17.7	4.8	-34.9	26.2
CS12	-9.3	-2.4	10.1	19.6	23.5	16.6	2.9	-39.7	25.2
CS13	-9.2	-2.2	10.3	19.7	23.7	16.8	3.2	-38.8	25.4
CS14	-9	-2.1	10.8	20.2	24.2	17.4	4.3	-36.1	26
CS15	-8.8	-1.9	11.3	20.7	24.8	18.1	5.4	-33.4	26.5
CS16	-8.6	-1.7	11.7	21.2	25.4	18.7	6.4	-31	27.1
CS17	-8.4	-1.4	12.2	21.7	25.9	19.4	7.4	-28.6	27.7
CS18	-8.2	-1.2	12.6	22.2	26.4	19.9	8.3	-26.5	28.2
CS19	-7.9	-0.9	13	22.6	26.8	20.5	9.1	-24.6	28.6
CS20	-10.4	-1.3	13.4	23	27.2	20.9	9.8	-23	29
CS21	-9.2	-1.1	13.7	23.3	27.6	21.3	10.4	-21.8	29.4
CS22	-7.6	-0.6	13.9	23.5	27.8	21.5	10.8	-20.8	29.6
BS1	-9.2	-2.2	10.1	19.5	23.4	16.5	2.7	-40	25.1
BS2	-9.1	-2.2	10.1	19.5	23.5	16.5	2.8	-39.9	25.2
BS3	-9.6	-2.7	9.5	18.9	22.8	15.8	1.5	-43.2	24.5
BS4	-10.2	-3.3	8.9	18.3	22.1	14.9	0	-46.9	23.8
BS5	-10.6	-3.7	8.5	17.8	21.5	14.2	-1.1	-50	23.2
BS6	-11.1	-4.2	8	17.3	20.9	13.5	-2.4	-53.3	22.6
BS7	-11	-4.1	8.1	17.4	21.1	13.7	-2	-52.3	22.8
BS8	-10.6	-3.7	8.6	17.9	21.6	14.4	-0.9	-49.4	23.3
BS9	-10.1	-3.2	9.1	18.4	22.3	15.1	0.4	-46.1	23.9
BS10	-9.7	-2.7	9.6	19	22.8	15.8	1.5	-43.1	24.5
Ritz-Flr1	16.5	25.9	40.2	49.5	53.5	47	36.3	5.3	55.3
CS1	9.6	19.4	34.2	43.8	48.1	41.9	31.3	0.4	50
CS2	9.8	19.7	34.4	44.1	48.4	42.2	31.8	1.4	50.2
CS3	9.3	19.2	33.9	43.5	47.8	41.6	30.8	-0.8	49.6
CS4	-8.1	-1.2	13.3	22.9	27.2	20.8	9.7	-23.3	29
CS5	-9	-1.9	12.8	22.3	26.5	20.1	8.6	-25.9	28.3
CS6	-9.7	-2.5	12.2	21.7	25.9	19.3	7.4	-28.7	27.6
CS7	-10	-3.1	11.6	21.1	25.2	18.6	6.2	-31.6	27
CS8	-10.4	-3.4	11	20.5	24.6	17.8	4.9	-34.6	26.3
CS9	-10.2	-3.3	10.5	19.9	23.9	17.1	3.7	-37.6	25.6
CS10	-10.4	-3.5	9.9	19.4	23.3	16.3	2.5	-40.7	25
CS11	-10.9	-4	9.4	18.8	22.7	15.6	1.2	-44	24.3
CS12	-11.5	-4.6	8.7	18	21.8	14.6	-0.6	-48.5	23.5
CS13	-11.2	-4.3	8.9	18.3	22.1	14.9	0	-47.1	23.7
CS14	-10.7	-3.8	9.4	18.8	22.6	15.5	1.1	-44.1	24.3
CS15	-10.2	-3.3	9.9	19.3	23.2	16.2	2.3	-41.1	24.9
CS16	-9.7	-2.7	10.4	19.8	23.8	16.9	3.5	-38.2	25.5
CS17	-9.1	-2.2	10.9	20.4	24.4	17.6	4.6	-35.4	26.1

CS18	-8.6	-1.7	11.4	20.9	25	18.3	5.7	-32.7	26.7
CS19	-8.1	-1.1	11.9	21.4	25.6	19	6.8	-30.1	27.3
CS20	6.6	15.5	28.7	36.3	38.1	28.9	14.3	-24.1	39.8
CS21	7	15.9	29.1	36.7	38.5	29.4	15.1	-22	40.2
CS22	7.4	16.2	29.5	37	38.9	29.9	15.9	-20.1	40.6
BS1	-11.8	-5	8.6	17.9	21.7	14.4	-0.9	-49.3	23.3
BS2	-11.9	-5.1	8.5	17.9	21.6	14.3	-1	-49.5	23.3
BS3	-12.4	-5.6	8	17.3	21	13.6	-2.3	-53	22.6
BS4	-12.9	-6.1	7.5	16.7	20.3	12.8	-3.7	-56.8	22
BS5	-13.3	-6.5	7.1	16.3	19.8	12.2	-4.9	-59.9	21.4
BS6	-13.6	-6.8	6.7	15.9	19.3	11.5	-6	-63	20.9
BS7	-13.4	-6.6	6.8	16	19.5	11.8	-5.6	-61.8	21.1
BS8	-13.1	-6.2	7.2	16.5	20	12.4	-4.4	-58.8	21.6
BS9	-12.6	-5.7	7.7	17	20.6	13.1	-3.2	-55.3	22.2
BS10	-12.2	-5.3	8.2	17.5	21.1	13.8	-2	-52.2	22.8
Ritz-Flr27	20	29.7	44.3	53.7	57.7	51	38.8	5	59.5
CS1	9.2	19.1	33.8	43.4	47.7	41.4	30.6	-1.2	49.5
CS2	9.4	19.3	34	43.7	48	41.7	31	-0.2	49.8
CS3	8.9	18.8	33.5	43.2	47.4	41.1	30.1	-2.3	49.2
CS4	2.5	10	22	28.8	30.1	20.7	9	-24.8	32
CS5	-1.7	5.5	17.3	23.9	26.2	19.7	8	-27.2	28.3
CS6	-3.5	3.5	15.3	21.9	25.6	19	6.9	-29.9	27.4
CS7	-4.1	2.9	14.7	21.2	25	18.3	5.7	-32.8	26.8
CS8	-4.5	2.5	14.2	20.7	24.3	17.6	4.5	-35.7	26.1
CS9	-3.3	3.8	15.6	22.1	23.7	16.8	3.3	-38.7	25.8
CS10	-1.9	5.3	17.2	23.7	24.6	16.1	2.1	-41.7	26.7
CS11	-0.3	7.3	19.2	25.8	26.8	16.7	0.8	-44.9	28.6
CS12	4.2	14	28.4	37.6	41	33.2	17	-32.9	42.6
CS13	4.4	14.2	28.8	38.1	41.9	34.7	19.6	-28	43.6
CS14	4.9	14.7	29.2	38.6	42.5	35.3	20.8	-25	44.1
CS15	5.3	15.1	29.7	39.1	43	36	21.9	-22.1	44.7
CS16	5.8	15.6	30.2	39.6	43.6	36.7	23.1	-19.2	45.3
CS17	6.2	16.1	30.7	40.1	44.1	37.3	24	-16.7	45.8
CS18	6.7	16.5	31.2	40.7	44.7	38	25.2	-13.8	46.5
CS19	7.1	17	31.7	41.2	45.3	38.7	26.3	-11.3	47
CS20	7.6	17.5	32.1	41.7	45.8	39.3	27.3	-8.9	47.6
CS21	8	17.9	32.6	42.1	46.3	39.9	28.2	-6.8	48.1
CS22	8.4	18.3	33	42.6	46.8	40.4	29	-4.8	48.6
BS1	4.1	13.9	28.5	37.8	41.5	34.2	18.8	-30.1	43.2
BS2	4.1	13.9	28.4	37.7	41.5	34.2	18.7	-30.4	43.1
BS3	3.6	13.4	27.9	37.2	40.9	33.4	17.4	-33.8	42.5
BS4	3.1	12.9	27.4	36.6	40.1	32.5	15.7	-38.2	41.7
BS5	2.7	12.4	26.8	35.8	38.9	30.6	12.4	-44.7	40.5
BS6	2	11.4	25.2	33.3	35.2	25.3	5.2	-54.9	36.8
BS7	2.5	12.3	26.7	35.9	39.4	31.7	14.2	-42.5	41
BS8	2.9	12.7	27.1	36.4	39.9	32.3	15.3	-39.5	41.5
BS9	3.3	13.1	27.6	36.9	40.5	33	16.6	-36.1	42.1
BS10	3.7	13.5	28	37.3	41	33.6	17.7	-33	42.6
Ritz-Flr54	20.5	30.3	44.9	54.3	58.3	51.4	38.2	0.4	60
CS1	8	17.8	32.5	42.1	46.3	39.8	28.1	-7	48
CS2	8.1	18	32.7	42.3	46.5	40	28.4	-6.2	48.2
CS3	7.8	17.6	32.3	41.9	46	39.5	27.7	-8	47.8
CS4	7.4	17.2	31.9	41.4	45.6	39	26.8	-10.1	47.3
CS5	7	16.8	31.5	41	45.1	38.4	25.9	-12.2	46.8
CS6	6.5	16.4	31	40.5	44.6	37.8	24.9	-14.6	46.3
CS7	6.1	15.9	30.6	40	44	37.2	23.9	-17.2	45.7
CS8	5.7	15.5	30.1	39.5	43.5	36.6	22.8	-19.8	45.2
CS9	5.2	15.1	29.6	39.1	42.9	35.9	21.7	-22.5	44.6
CS10	4.8	14.6	29.2	38.6	42.4	35.3	20.7	-25.3	44.1
CS11	4.4	14.2	28.7	38.1	41.8	34.6	19.5	-28.3	43.5
CS12	3.8	13.6	28.1	37.4	41.1	33.7	17.9	-32.5	42.7

CS13	4	13.8	28.3	37.6	41.3	34	18.4	-31.2	43
CS14	4.4	14.2	28.7	38.1	41.8	34.6	19.5	-28.4	43.5
CS15	4.8	14.6	29.1	38.5	42.3	35.2	20.5	-25.7	44
CS16	5.2	15	29.6	39	42.8	35.8	21.5	-23.1	44.5
CS17	5.6	15.4	30	39.4	43.3	36.4	22.5	-20.5	45
CS18	5.9	15.8	30.4	39.8	43.8	37	23.5	-18.1	45.5
CS19	6.3	16.2	30.8	40.3	44.3	37.5	24.4	-15.8	46
CS20	6.7	16.5	31.2	40.7	44.7	38	25.3	-13.7	46.5
CS21	7	16.9	31.6	41.1	45.2	38.5	26.1	-11.8	46.9
CS22	7.4	17.2	31.9	41.4	45.5	39	26.8	-10.1	47.3
BS1	3.7	13.5	28	37.3	40.9	33.5	17.6	-33.3	42.6
BS2	3.7	13.5	28	37.2	40.9	33.5	17.5	-33.5	42.5
BS3	3.3	13	27.5	36.8	40.3	32.8	16.3	-36.7	42
BS4	2.8	12.6	27	36.2	39.7	32.1	15	-40.4	41.4
BS5	2.4	12.2	26.6	35.8	39.3	31.5	13.9	-43.3	40.9
BS6	2.1	11.9	26.3	35.4	38.8	30.9	12.8	-46.2	40.4
BS7	2.2	12	26.4	35.6	39	31.1	13.2	-45.1	40.6
BS8	2.6	12.3	26.8	36	39.4	31.7	14.3	-42.2	41.1
BS9	3	12.7	27.2	36.4	40	32.4	15.5	-38.9	41.6
BS10	3.3	13.1	27.6	36.9	40.5	33	16.6	-36	42.1
R6	23.9	33.4	47.7	57.1	61.3	55.1	45.2	17.8	63.2
CS1	6.9	15.8	29.1	36.7	38.5	29.4	15	-22.4	40.3
CS2	5.6	13.9	26.5	33.6	35.1	25.8	11.3	-26	36.9
CS3	6	14.3	26.9	34	35.5	26.3	12.1	-23.7	37.3
CS4	6.3	14.5	27.1	34.2	35.7	26.5	12.7	-21.5	37.5
CS5	6.5	14.7	27.2	34.3	35.8	26.7	13.2	-19.8	37.7
CS6	6.8	14.9	27.5	34.5	36.1	27	13.7	-18.3	37.9
CS7	6.9	15	27.5	34.6	36.2	27.1	13.9	-17.3	38
CS8	7	15.1	27.5	34.6	36.2	27.2	14.1	-16.7	38
CS9	7	15.1	27.5	34.6	36.2	27.2	14.1	-16.5	38
CS10	6.8	14.9	27.4	34.4	36	26.9	13.8	-16.9	37.8
CS11	6.7	14.8	27.3	34.3	35.9	26.8	13.6	-17.6	37.7
CS12	8.9	17.6	30.7	38.2	40.1	31.3	18.4	-13.1	41.9
CS13	11.6	21.5	36.3	46	50.4	44.5	35	8.5	52.3
CS14	11.8	21.8	36.6	46.3	50.7	44.8	35.5	9.4	52.7
CS15	11.9	21.8	36.7	46.4	50.9	44.9	35.7	9.8	52.8
CS16	11.9	21.8	36.6	46.3	50.8	44.8	35.6	9.5	52.7
CS17	11.6	21.5	36.3	46	50.5	44.5	35.1	8.6	52.4
CS18	11.3	21.2	36	45.7	50.1	44.1	34.5	7.4	52
CS19	10.8	20.7	35.5	45.2	49.6	43.5	33.6	5.5	51.4
CS20	10.2	20.1	34.9	44.6	48.9	42.8	32.6	3.3	50.8
CS21	9.7	19.6	34.3	44	48.3	42.1	31.5	0.9	50.1
CS22	9.1	18.9	33.7	43.3	47.6	41.3	30.3	-1.8	49.4
BS1	9.7	19.6	34.3	44	48.3	42.1	31.5	0.9	50.1
BS2	5.3	13.3	25.7	32.6	34.1	24.9	10.9	-22.3	35.9
BS3	5.1	13.1	25.5	32.4	33.9	24.6	10.3	-24.3	35.7
BS4	4.7	12.7	25.2	32.1	33.5	24.2	9.5	-26.8	35.4
BS5	4.3	12.3	24.7	31.7	33	23.6	8.6	-29	34.8
BS6	4.7	12.9	25.4	32.4	33.8	24.4	9.5	-28.5	35.6
BS7	8.4	18.3	33	42.6	46.8	40.4	29	-4.8	48.6
BS8	8.9	18.8	33.5	43.1	47.4	41.1	30.1	-2.4	49.2
BS9	9.5	19.4	34.2	43.8	48.1	41.9	31.3	0.3	49.9
BS10	10.1	20	34.7	44.4	48.7	42.6	32.3	2.6	50.6
R7	27	36.7	51.5	61.3	66	60.5	53.5	37.1	68.1
CS1	21.6	31.6	46.6	56.5	61.3	56	49.6	34.4	63.4
CS2	11.5	19	31.1	38.1	39.9	32.4	25.3	7.7	42
CS3	7.2	14.5	26.5	33.4	36.1	30.6	23.2	4	38.4
CS4	5.4	12.7	24.6	31.5	34.3	28.6	20.7	-0.5	36.5
CS5	4.5	11.8	23.7	30.6	32.7	27	18.5	-4.6	35.1
CS6	3.8	11.1	23.1	29.9	31.4	25.5	16.5	-8.6	33.8
CS7	3.1	10.3	22.3	29.1	30.6	24.1	14.5	-12.8	32.8

CS8	2.4	9.7	21.7	28.4	29.8	22.8	12.6	-16.7	32
CS9	1.8	9.2	21.1	27.8	29.2	21.6	10.9	-20.6	31.3
CS10	1.2	8.6	20.5	27.2	28.5	20.5	9.1	-24.5	30.5
CS11	0.8	8.1	20	26.7	27.9	19.4	7.5	-28.3	29.9
CS12	3.3	11.2	23.5	30.3	31.6	22	6.7	-31.3	33.4
CS13	7.8	17.7	32.4	41.9	46.1	39.6	27.8	-7.7	47.9
CS14	8.6	18.5	33.2	42.8	47	40.7	29.4	-3.9	48.8
CS15	9.5	19.4	34.1	43.8	48.1	41.8	31.2	0.1	49.9
CS16	10.5	20.4	35.1	44.8	49.2	43.1	33	4.2	51
CS17	11.5	21.4	36.2	45.9	50.4	44.4	35	8.3	52.3
CS18	12.8	22.7	37.5	47.3	51.8	45.9	37.1	12.6	53.7
CS19	14.2	24.1	39	48.7	53.3	47.6	39.3	17	55.3
CS20	15.8	25.8	40.7	50.5	55.2	49.6	41.9	21.7	57.2
CS21	17.9	27.8	42.7	52.6	57.3	51.9	44.7	26.7	59.4
CS22	20.4	30.4	45.3	55.2	60	54.7	48.1	32.1	62.1
BS1	-0.1	7.3	19.2	25.8	26.9	17.9	5.1	-34.1	28.9
BS2	-1.6	5.6	17.4	24	25	17.4	4.3	-36.1	27.2
BS3	-2.1	5.2	17	23.5	24.5	16.5	2.7	-40	26.6
BS4	-2.5	4.7	16.5	23	23.9	15.5	1.1	-44.2	26
BS5	-2.8	4.4	16.2	22.7	23.5	14.8	-0.2	-47.6	25.5
BS6	-1.7	5.7	17.6	24.1	24.9	14.7	-1	-49.5	26.8
BS7	0.2	7.9	20	26.6	27.5	17.4	0.1	-46.9	29.4
BS8	0.6	8.2	20.3	27	28	18	1.4	-43.4	29.8
BS9	1.1	8.8	20.9	27.6	28.6	18.8	3	-39.4	30.5
BS10	1.8	9.5	21.6	28.3	29.4	19.7	4.5	-35.7	31.3
R6c	21.5	31	45.2	54.4	58.4	51.9	40.7	9.8	60.2
CS1	10.1	19.9	34.7	44.4	48.7	42.6	32.3	2.5	50.6
CS2	6.9	15.4	28.1	35.3	37	27.9	14.2	-20.5	38.8
CS3	6.8	15.2	28	35.3	36.9	27.8	13.9	-21.3	38.7
CS4	6.5	14.9	27.7	34.9	36.5	27.3	13.2	-22.9	38.3
CS5	6.1	14.6	27.3	34.5	36.1	26.9	12.5	-24.7	37.9
CS6	5.8	14.3	27.1	34.3	35.8	26.5	11.9	-26.4	37.6
CS7	5.4	13.9	26.7	33.9	35.4	26	11	-28.7	37.2
CS8	5	13.5	26.3	33.5	35	25.5	10.1	-30.9	36.8
CS9	4.6	13.1	25.9	33.1	34.6	25.1	9.3	-33.3	36.4
CS10	4.2	12.7	25.5	32.7	34.1	24.5	8.2	-36	35.9
CS11	3.8	12.4	25.2	32.4	33.7	24	7.3	-38.6	35.5
CS12	4.7	13.9	27.4	35.2	37.1	27.7	11.1	-35.2	38.8
CS13	6.1	16	30.6	40	44	37.2	23.9	-17.1	45.7
CS14	6.6	16.5	31.1	40.6	44.7	38	25.1	-14.1	46.4
CS15	7.2	17	31.7	41.2	45.3	38.7	26.3	-11.1	47.1
CS16	7.7	17.6	32.3	41.8	46	39.4	27.5	-8.3	47.7
CS17	8.2	18.1	32.8	42.4	46.6	40.2	28.7	-5.7	48.4
CS18	8.8	18.6	33.4	43	47.2	40.9	29.8	-3.1	49
CS19	9.3	19.1	33.9	43.5	47.8	41.5	30.7	-0.9	49.6
CS20	9.7	19.6	34.4	44	48.3	42.1	31.7	1.2	50.2
CS21	10.1	20	34.8	44.5	48.8	42.7	32.4	2.9	50.7
CS22	10.5	20.4	35.1	44.8	49.2	43.1	33	4.2	51
BS1	2	10	22.4	29.2	30.3	20.4	2.9	-44.5	32.2
BS2	1.3	9.2	21.5	28.3	29.3	19.2	1.3	-47.2	31.1
BS3	0.9	8.9	21.2	27.9	28.9	18.7	0.3	-50.4	30.7
BS4	1.3	9.6	22.2	29.1	30	19.8	0.8	-53.4	31.9
BS5	0.9	9.2	21.7	28.6	29.5	19.1	-0.3	-56.4	31.3
BS6	0.4	8.5	20.8	27.5	28.4	17.9	-1.6	-57.5	30.2
BS7	3.6	13.4	27.8	37.1	40.8	33.3	17.2	-34.3	42.4
BS8	4	13.8	28.3	37.6	41.3	34	18.3	-31.3	42.9
BS9	4.4	14.3	28.8	38.1	41.9	34.7	19.7	-27.9	43.6
BS10	4.9	14.7	29.3	38.7	42.5	35.4	20.9	-24.6	44.2

Outdoor Noise Prediction Model, Version 2.0 (Sean K. Bui), January 1, 2006

Client: Matrix Environmental
 Description: LA Convention Modernization & Farmers Field
 AES Job No: 2011113
 Consultant: skb
 Date: 9/13/2011
 Source: **Loading - Leq**

Description	63	125	250	500	1000	2000	4000	8000 dBA	
R1	43.2	32.9	27.4	25	23.9	21.9	17.5	5.9	29.3
FF-1	33.5	22.5	15.3	10.1	5.6	4.9	7.3	-1.9	15.3
FF-2	33.4	22.3	15.1	9.9	5.5	4.7	7.1	-2.4	15.2
FF-3	33.2	22.1	15	9.7	5.3	4.5	6.8	-3	14.9
FF-4	33	21.9	14.8	9.5	5.1	4.2	6.5	-3.6	14.7
FF-5	32.8	21.7	14.6	9.3	4.9	4	6.2	-4.2	14.5
FF-6	32.7	21.6	14.4	9.2	4.7	3.8	5.9	-4.7	14.3
FF-7	32.5	21.4	14.2	9	4.5	3.6	5.6	-5.3	14.1
FF-8	32.3	21.3	14.1	8.8	4.3	3.4	5.4	-5.8	13.9
FF-9	32.2	21.1	13.9	8.6	4.1	3.2	5.1	-6.4	13.7
FF-10	32	20.9	13.7	8.4	3.9	3	4.8	-7	13.5
PH-1	18.3	12.1	9.6	8.8	8.4	5.9	-4.5	-48.2	12.6
PH-2	18.3	12.1	9.6	8.9	8.5	6	-4.4	-48	12.6
PH-3	18.4	12.1	9.6	8.9	8.5	6	-4.4	-47.9	12.6
PH-4	18.4	12.2	9.6	8.9	8.5	6	-4.3	-47.7	12.7
PH-5	18.4	12.2	9.7	8.9	8.5	6	-4.3	-47.6	12.7
PH-6	18.4	12.2	9.7	8.9	8.6	6.1	-4.2	-47.5	12.7
PH-7	18.4	12.2	9.7	9	8.6	6.1	-4.2	-47.4	12.7
PH-8	18.4	12.2	9.7	9	8.6	6.1	-4.1	-47.3	12.7
PH-9	18.5	12.2	9.7	9	8.6	6.2	-4.1	-47.1	12.8
PH-10	18.5	12.3	9.8	9	8.6	6.2	-4	-47	12.8
PH-11	18.5	12.3	9.8	9	8.7	6.2	-4	-46.9	12.8
PH-12	18.5	12.3	9.8	9.1	8.7	6.2	-4	-46.8	12.8
PH-13	18.5	12.3	9.8	9.1	8.7	6.3	-3.9	-46.6	12.9
PH-14	18.5	12.3	9.8	9.1	8.7	6.3	-3.9	-46.5	12.9
PH-15	18.6	12.3	9.8	9.1	8.7	6.3	-3.8	-46.4	12.9
PH-16	18.6	12.3	9.8	9.1	8.8	6.3	-3.8	-46.3	12.9
PH-17	18.6	12.4	9.9	9.1	8.8	6.3	-3.7	-46.2	12.9
PH-18	18.6	12.4	9.9	9.2	8.8	6.4	-3.7	-46.1	12.9
PH-19	18.6	12.4	9.9	9.2	8.8	6.4	-3.7	-46	13
PH-20	18.6	12.4	9.9	9.2	8.8	6.4	-3.6	-45.9	13
PH-21	18.6	12.4	9.9	9.2	8.8	6.4	-3.6	-45.8	13
KIT-1	21.2	14.9	12.5	12	11.9	10.1	2.7	-29.5	16.3
KIT-2	21.2	14.9	12.5	12	11.9	10.1	2.7	-29.5	16.3
KIT-3	21.2	14.9	12.5	12	11.9	10.1	2.8	-29.5	16.3
KIT-4	21.2	14.9	12.5	12	12	10.1	2.8	-29.4	16.3
R2	42.1	33.1	29.8	29.1	29.3	28	23.5	4.4	34.1
FF-1	27.9	16.8	9.5	4	-0.8	-2.3	-3	-24.3	8.6
FF-2	28	16.9	9.5	4.1	-0.7	-2.2	-2.9	-23.9	8.7
FF-3	28.1	16.9	9.6	4.2	-0.6	-2.1	-2.7	-23.5	8.8
FF-4	28.2	17	9.7	4.3	-0.5	-1.9	-2.5	-23	9
FF-5	28.3	17.1	9.8	4.4	-0.4	-1.8	-2.3	-22.5	9.1
FF-6	28.4	17.2	9.9	4.5	-0.3	-1.7	-2.1	-22.1	9.2
FF-7	28.5	17.3	10.1	4.6	-0.1	-1.5	-1.9	-21.6	9.3
FF-8	28.6	17.4	10.1	4.7	0	-1.4	-1.7	-21.1	9.4
FF-9	28.7	17.5	10.3	4.9	0.1	-1.3	-1.5	-20.6	9.5
FF-10	28.8	17.6	10.4	5	0.2	-1.1	-1.2	-20.1	9.7
PH-1	25.3	16.2	13.3	12.8	12.9	11.2	4.6	-25	17.4
PH-2	25.3	16.2	13.4	12.9	13	11.3	4.7	-24.6	17.5
PH-3	25.4	16.3	13.5	13	13.1	11.5	5	-24	17.6
PH-4	25.5	16.4	13.6	13.1	13.2	11.6	5.2	-23.5	17.7
PH-5	25.6	16.5	13.7	13.2	13.3	11.7	5.4	-23.1	17.8
PH-6	25.6	16.6	13.8	13.3	13.4	11.8	5.6	-22.6	17.9

PH-7	25.7	16.6	13.9	13.4	13.5	12	5.8	-22.2	18.1
PH-8	25.7	16.7	14	13.5	13.6	12.1	6	-21.7	18.2
PH-9	25.8	16.7	14.1	13.6	13.8	12.2	6.2	-21.1	18.3
PH-10	25.8	16.8	14.2	13.7	13.9	12.3	6.4	-20.7	18.4
PH-11	25.9	16.8	14.3	13.8	14	12.5	6.6	-20.2	18.5
PH-12	26.3	17.2	14.4	13.9	14.1	12.6	6.8	-19.8	18.7
PH-13	26	17	14.5	14	14.2	12.7	7	-19.2	18.8
PH-14	25.8	16.9	14.6	14.2	14.3	12.9	7.2	-18.7	18.9
PH-15	25.5	17	14.7	14.3	14.4	13	7.4	-18.3	19
PH-16	25.2	17.1	14.8	14.4	14.6	13.1	7.6	-17.7	19.2
PH-17	24.9	17.2	14.9	14.5	14.7	13.3	7.8	-17.3	19.3
PH-18	24.4	17.3	15	14.6	14.8	13.4	8	-16.8	19.4
PH-19	23.9	17.4	15.1	14.7	14.9	13.6	8.3	-16.3	19.5
PH-20	23.6	17.5	15.2	14.8	15.1	13.7	8.5	-15.8	19.7
PH-21	23.7	17.6	15.3	14.9	15.2	13.8	8.6	-15.4	19.8
KIT-1	27.8	20.5	18.3	18	18.5	17.5	14.1	-3.5	23.4
KIT-2	27.5	20.7	18.5	18.2	18.7	17.8	14.5	-2.7	23.7
KIT-3	27.1	21	18.8	18.5	19	18.1	14.9	-1.8	24
KIT-4	27.3	21.2	19	18.7	19.2	18.3	15.2	-1.1	24.3
R3	40.6	31.6	28	27.3	27.4	25.8	19.6	-7.8	31.9
FF-1	24.5	13.3	5.8	0.2	-5	-7.2	-11.3	-44.7	4.6
FF-2	24.5	13.3	5.9	0.2	-5	-7.2	-11.1	-44.3	4.7
FF-3	24.6	13.4	6	0.3	-4.9	-7.1	-10.9	-43.9	4.7
FF-4	24.7	13.5	6	0.4	-4.8	-7	-10.8	-43.4	4.8
FF-5	24.7	13.5	6.1	0.5	-4.7	-6.9	-10.6	-42.9	4.9
FF-6	24.8	13.6	6.2	0.5	-4.6	-6.8	-10.4	-42.5	5
FF-7	24.9	13.7	6.2	0.6	-4.5	-6.6	-10.2	-42	5.1
FF-8	24.9	13.7	6.3	0.7	-4.5	-6.6	-10.1	-41.6	5.1
FF-9	25	13.8	6.4	0.8	-4.4	-6.4	-9.9	-41.1	5.2
FF-10	25.1	13.9	6.5	0.9	-4.3	-6.3	-9.7	-40.6	5.3
PH-1	26.7	17.6	12.5	12	12	10.1	2.8	-29.4	16.5
PH-2	26.7	17.7	12.6	12.1	12.1	10.2	3	-28.9	16.6
PH-3	26.6	17.6	12.7	12.2	12.2	10.4	3.2	-28.4	16.7
PH-4	26.5	17.5	12.8	12.3	12.3	10.5	3.4	-27.9	16.8
PH-5	26.5	17.4	12.9	12.4	12.4	10.6	3.6	-27.4	16.9
PH-6	26.4	17.3	13	12.4	12.5	10.7	3.8	-27	17
PH-7	26.3	17.2	13	12.5	12.6	10.8	3.9	-26.6	17.1
PH-8	26.1	17.1	13.1	12.6	12.7	10.9	4.1	-26.1	17.2
PH-9	26	16.9	13.2	12.7	12.8	11.1	4.4	-25.6	17.3
PH-10	25.8	16.8	13.3	12.8	12.9	11.2	4.5	-25.1	17.4
PH-11	25.7	16.6	13.4	12.9	13	11.3	4.7	-24.7	17.5
PH-12	25.5	16.4	13.5	13	13.1	11.4	4.9	-24.2	17.6
PH-13	25.2	16.2	13.6	13.1	13.2	11.5	5.1	-23.7	17.7
PH-14	25	16	13.7	13.2	13.3	11.7	5.3	-23.2	17.8
PH-15	24.7	16.1	13.8	13.3	13.4	11.8	5.5	-22.8	17.9
PH-16	24.3	16.2	13.9	13.4	13.5	11.9	5.7	-22.2	18
PH-17	24	16.3	14	13.5	13.6	12	5.9	-21.8	18.1
PH-18	23.5	16.4	14.1	13.6	13.7	12.2	6.1	-21.3	18.2
PH-19	23	16.5	14.2	13.7	13.8	12.3	6.3	-20.8	18.4
PH-20	22.7	16.6	14.2	13.8	13.9	12.4	6.5	-20.4	18.5
PH-21	22.8	16.6	14.3	13.9	14	12.5	6.7	-20	18.6
KIT-1	25.3	17	14.7	14.3	14.5	13.1	7.5	-18	19.1
KIT-2	24.8	17.2	14.9	14.4	14.6	13.2	7.7	-17.5	19.2
KIT-3	24.3	17.3	15	14.6	14.8	13.4	8	-16.9	19.4
KIT-4	23.7	17.4	15.1	14.7	14.9	13.5	8.2	-16.4	19.5
R4	53.5	45.5	40.9	37.9	35.7	32.1	25.6	4.6	40.9
FF-1	2.3	-9	-16.5	-22.4	-27.9	-30.8	-37.6	-81.6	-18
FF-2	2.3	-8.9	-16.5	-22.3	-27.9	-30.7	-37.5	-81.3	-17.9
FF-3	2.4	-8.9	-16.5	-22.3	-27.9	-30.7	-37.4	-81.1	-17.9
FF-4	2.4	-8.9	-16.4	-22.2	-27.8	-30.6	-37.3	-80.8	-17.9
FF-5	2.4	-8.8	-16.4	-22.2	-27.7	-30.5	-37.2	-80.4	-17.8

FF-6	2.5	-8.8	-16.3	-22.2	-27.7	-30.5	-37.1	-80.1	-17.8
FF-7	2.5	-8.7	-16.3	-22.1	-27.6	-30.4	-36.9	-79.8	-17.7
FF-8	2.5	-8.7	-16.3	-22.1	-27.6	-30.4	-36.8	-79.5	-17.7
FF-9	2.6	-8.7	-16.2	-22	-27.6	-30.3	-36.7	-79.2	-17.6
FF-10	2.6	-8.6	-16.2	-22	-27.5	-30.2	-36.6	-78.9	-17.6
PH-1	42.9	35	30.5	27.6	25.2	21.3	14.7	-5.1	30.4
PH-2	42.8	34.8	30.3	27.4	25.1	21.1	14.5	-5.5	30.3
PH-3	42.6	34.7	30.2	27.3	24.9	20.9	14.2	-6	30.1
PH-4	42.5	34.5	30	27.1	24.7	20.7	14	-6.4	29.9
PH-5	42.3	34.4	29.9	27	24.6	20.6	13.7	-6.8	29.8
PH-6	42.2	34.3	29.7	26.8	24.4	20.4	13.5	-7.2	29.6
PH-7	42.1	34.1	29.6	26.7	24.3	20.3	13.3	-7.6	29.5
PH-8	42	34	29.5	26.5	24.1	20.1	13.1	-8.1	29.3
PH-9	41.8	33.9	29.3	26.4	23.9	19.9	12.8	-8.5	29.1
PH-10	41.7	33.7	29.2	26.2	23.8	19.7	12.6	-9	29
PH-11	41.6	33.6	29.1	26.1	23.7	19.6	12.4	-9.4	28.9
PH-12	41.5	33.5	28.9	26	23.5	19.4	12.2	-9.8	28.7
PH-13	34.4	25.6	20.4	17.1	16.5	15.3	10.9	-10.2	22.1
PH-14	34.4	25.5	20.3	17	16.4	15.2	10.7	-10.7	21.9
PH-15	34.3	25.4	20.3	17	16.3	15.1	10.5	-11.1	21.8
PH-16	34.3	25.4	20.2	16.9	16.1	14.9	10.3	-11.6	21.7
PH-17	34.2	25.3	20.2	16.9	16	14.8	10.1	-12	21.6
PH-18	34.2	25.3	20.1	16.8	15.9	14.6	9.9	-12.5	21.5
PH-19	34.1	25.2	20.1	16.7	15.8	14.5	9.7	-12.9	21.4
PH-20	34.1	25.2	20	16.7	15.7	14.4	9.5	-13.3	21.3
PH-21	34.1	25.2	20	16.7	15.6	14.3	9.4	-13.7	21.2
KIT-1	26.6	17.6	12.2	11.6	11.5	9.6	1.9	-31.6	16
KIT-2	25.4	16.4	12.1	11.5	11.4	9.5	1.7	-32.1	15.8
KIT-3	25.4	16.3	12	11.4	11.3	9.3	1.5	-32.7	15.7
KIT-4	25.4	16.3	11.9	11.3	11.2	9.2	1.3	-33.2	15.6
R5	43.2	34.2	28.9	26.5	26.5	24.8	18.1	-10.8	31.4
FF-1	2.2	-9.1	-16.6	-22.5	-28.1	-30.9	-37.9	-82.5	-18.1
FF-2	2.2	-9	-16.6	-22.5	-28.1	-30.9	-37.9	-82.3	-18.1
FF-3	2.2	-9	-16.6	-22.4	-28	-30.9	-37.8	-82.2	-18
FF-4	2.3	-9	-16.6	-22.4	-28	-30.8	-37.7	-82	-18
FF-5	2.3	-9	-16.6	-22.4	-28	-30.8	-37.7	-81.8	-18
FF-6	2.3	-9	-16.5	-22.4	-27.9	-30.8	-37.6	-81.7	-18
FF-7	2.3	-8.9	-16.5	-22.3	-27.9	-30.7	-37.5	-81.5	-17.9
FF-8	2.3	-8.9	-16.5	-22.3	-27.9	-30.7	-37.5	-81.3	-17.9
FF-9	2.4	-8.9	-16.5	-22.3	-27.9	-30.7	-37.4	-81.1	-17.9
FF-10	2.4	-8.9	-16.5	-22.3	-27.8	-30.6	-37.4	-81	-17.9
PH-1	28.7	19.7	14.4	13.9	14	12.5	6.6	-20.1	18.7
PH-2	28.9	19.9	14.6	13.8	13.9	12.4	6.4	-20.5	18.6
PH-3	29.1	20.1	14.8	13.6	13.8	12.2	6.2	-21.1	18.5
PH-4	29.2	20.2	14.9	13.5	13.7	12.1	6	-21.6	18.4
PH-5	29.3	20.3	15.1	13.4	13.5	12	5.8	-22.1	18.3
PH-6	29.4	20.4	15.1	13.3	13.4	11.8	5.6	-22.6	18.2
PH-7	29.5	20.5	15.2	13.2	13.3	11.7	5.4	-23	18.1
PH-8	29.6	20.6	15.3	13.1	13.2	11.6	5.2	-23.5	18
PH-9	29.7	20.7	15.4	13	13.1	11.5	5	-24.1	17.9
PH-10	29.7	20.7	15.4	12.9	13	11.3	4.8	-24.5	17.9
PH-11	29.7	20.8	15.5	12.8	12.9	11.2	4.6	-25	17.8
PH-12	29.8	20.8	15.5	12.7	12.8	11.1	4.4	-25.5	17.7
PH-13	29.8	20.8	15.5	12.6	12.7	11	4.2	-26	17.6
PH-14	29.8	20.9	15.6	12.5	12.6	10.8	4	-26.5	17.5
PH-15	29.9	20.9	15.6	12.5	12.5	10.7	3.8	-26.9	17.4
PH-16	29.9	20.9	15.6	12.4	12.4	10.6	3.6	-27.5	17.3
PH-17	29.9	20.9	15.6	12.3	12.3	10.5	3.4	-27.9	17.2
PH-18	29.9	20.9	15.6	12.2	12.2	10.4	3.2	-28.4	17.1
PH-19	29.9	20.9	15.6	12.1	12.1	10.3	3	-28.9	17.1
PH-20	29.9	20.9	15.6	12.1	12	10.1	2.8	-29.3	17
PH-21	29.9	20.9	15.6	12.1	11.9	10	2.6	-29.8	16.9

KIT-1	25.7	16.6	11.2	9.9	9.7	7.4	-1.9	-41.3	14.1
KIT-2	25.6	16.6	11.1	9.8	9.5	7.3	-2.1	-42	14
KIT-3	25.6	16.5	11.1	9.7	9.4	7.1	-2.4	-42.7	13.9
KIT-4	25.6	16.5	11.1	9.6	9.3	7	-2.6	-43.3	13.8
R6b	38.3	31.4	28.8	28.4	28.6	27.2	21.8	-2.7	33.2
FF-1	5.6	-5.5	-12.9	-18.5	-23.6	-25.5	-28.2	-57	-14
FF-2	5.7	-5.5	-12.9	-18.5	-23.5	-25.5	-28.2	-56.9	-14
FF-3	5.7	-5.5	-12.9	-18.5	-23.5	-25.4	-28.2	-56.8	-14
FF-4	5.7	-5.5	-12.9	-18.4	-23.5	-25.4	-28.1	-56.7	-14
FF-5	5.7	-5.5	-12.9	-18.4	-23.5	-25.4	-28.1	-56.6	-14
FF-6	5.7	-5.5	-12.8	-18.4	-23.5	-25.4	-28.1	-56.6	-14
FF-7	5.7	-5.4	-12.8	-18.4	-23.5	-25.4	-28	-56.5	-13.9
FF-8	5.7	-5.4	-12.8	-18.4	-23.4	-25.4	-28	-56.4	-13.9
FF-9	5.8	-5.4	-12.8	-18.4	-23.4	-25.3	-28	-56.3	-13.9
FF-10	5.8	-5.4	-12.8	-18.4	-23.4	-25.3	-28	-56.3	-13.9
PH-1	24.3	18.2	15.9	15.5	15.8	14.5	9.8	-12.9	20.5
PH-2	24.2	18.1	15.8	15.4	15.7	14.4	9.6	-13.2	20.4
PH-3	24.1	18	15.7	15.3	15.6	14.3	9.4	-13.6	20.3
PH-4	24	17.9	15.6	15.2	15.5	14.2	9.2	-14	20.2
PH-5	23.9	17.8	15.5	15.1	15.4	14.1	9.1	-14.4	20.1
PH-6	23.9	17.7	15.5	15.1	15.3	14	8.9	-14.7	20
PH-7	23.8	17.7	15.4	15	15.2	13.9	8.8	-15.1	19.9
PH-8	23.7	17.6	15.3	14.9	15.1	13.8	8.6	-15.5	19.8
PH-9	23.6	17.5	15.2	14.8	15	13.7	8.4	-15.9	19.6
PH-10	23.5	17.4	15.1	14.7	14.9	13.6	8.3	-16.2	19.5
PH-11	23.5	17.3	15	14.6	14.9	13.5	8.1	-16.6	19.5
PH-12	23.4	17.3	15	14.5	14.8	13.4	8	-17	19.4
PH-13	23.3	17.2	14.9	14.5	14.7	13.2	7.8	-17.4	19.2
PH-14	23.3	17.1	14.8	14.4	14.6	13.1	7.6	-17.8	19.1
PH-15	23.2	17	14.7	14.3	14.5	13	7.5	-18.1	19
PH-16	23.2	16.9	14.6	14.2	14.4	12.9	7.3	-18.6	18.9
PH-17	23.1	16.8	14.5	14.1	14.3	12.8	7.1	-18.9	18.8
PH-18	23.1	16.8	14.5	14	14.2	12.7	6.9	-19.4	18.7
PH-19	23	16.7	14.4	13.9	14.1	12.6	6.8	-19.7	18.6
PH-20	23	16.6	14.3	13.9	14	12.5	6.6	-20.1	18.5
PH-21	22.9	16.5	14.2	13.8	13.9	12.4	6.5	-20.4	18.4
KIT-1	26.9	17.9	13.6	13.1	13.2	11.6	5.2	-23.6	17.8
KIT-2	26.8	17.8	13.5	13	13.1	11.4	4.9	-24.3	17.6
KIT-3	26.7	17.7	13.3	12.8	12.9	11.2	4.5	-25.1	17.4
KIT-4	26.7	17.6	13.2	12.7	12.8	11	4.3	-25.7	17.3
R7b	33.8	27.4	25	24.3	24.1	21.9	13.1	-23.9	28.3
FF-1	7.8	-3.3	-10.6	-16.1	-20.9	-22.4	-23.2	-44.7	-11.4
FF-2	7.8	-3.3	-10.7	-16.1	-20.9	-22.4	-23.3	-44.9	-11.5
FF-3	7.7	-3.4	-10.7	-16.2	-21	-22.5	-23.4	-45.1	-11.5
FF-4	7.7	-3.4	-10.8	-16.2	-21.1	-22.6	-23.5	-45.4	-11.6
FF-5	7.6	-3.5	-10.8	-16.3	-21.1	-22.6	-23.6	-45.7	-11.7
FF-6	7.6	-3.5	-10.9	-16.3	-21.2	-22.7	-23.7	-45.9	-11.7
FF-7	7.5	-3.6	-10.9	-16.4	-21.2	-22.8	-23.8	-46.2	-11.8
FF-8	7.5	-3.6	-11	-16.4	-21.3	-22.8	-23.9	-46.4	-11.8
FF-9	7.4	-3.7	-11	-16.5	-21.4	-22.9	-24	-46.7	-11.9
FF-10	7.4	-3.8	-11.1	-16.5	-21.4	-23	-24.2	-47	-12
PH-1	19.6	13.5	11	10.4	10.2	8	-0.8	-38.5	14.4
PH-2	19.6	13.4	11	10.4	10.1	8	-0.8	-38.6	14.4
PH-3	19.6	13.4	11	10.3	10.1	8	-0.9	-38.8	14.3
PH-4	19.6	13.4	11	10.3	10.1	7.9	-1	-38.9	14.3
PH-5	19.6	13.4	10.9	10.3	10.1	7.9	-1	-39	14.3
PH-6	19.6	13.4	10.9	10.3	10	7.9	-1.1	-39.2	14.3
PH-7	19.5	13.3	10.9	10.2	10	7.8	-1.1	-39.3	14.2
PH-8	19.5	13.3	10.9	10.2	10	7.8	-1.1	-39.4	14.2
PH-9	19.5	13.3	10.8	10.2	10	7.8	-1.2	-39.6	14.2
PH-10	19.5	13.3	10.8	10.2	10	7.7	-1.3	-39.7	14.2

PH-11	19.5	13.3	10.8	10.2	9.9	7.7	-1.3	-39.8	14.1
PH-12	19.4	13.2	10.8	10.1	9.9	7.7	-1.4	-40	14.1
PH-13	19.4	13.2	10.8	10.1	9.9	7.7	-1.4	-40.1	14.1
PH-14	19.4	13.2	10.7	10.1	9.8	7.6	-1.5	-40.3	14
PH-15	19.4	13.2	10.7	10.1	9.8	7.6	-1.5	-40.4	14
PH-16	19.3	13.1	10.7	10	9.8	7.6	-1.6	-40.6	14
PH-17	19.3	13.1	10.7	10	9.8	7.5	-1.7	-40.7	14
PH-18	19.3	13.1	10.6	10	9.7	7.5	-1.7	-40.9	13.9
PH-19	19.3	13.1	10.6	9.9	9.7	7.4	-1.8	-41.1	13.9
PH-20	19.3	13.1	10.6	9.9	9.7	7.4	-1.9	-41.2	13.9
PH-21	19.2	13	10.6	9.9	9.6	7.4	-1.9	-41.4	13.8
KIT-1	20.4	14.3	11.9	11.3	11.2	9.2	1.2	-33.3	15.5
KIT-2	20.4	14.2	11.8	11.2	11.1	9.1	1.1	-33.8	15.4
KIT-3	21.2	14.1	11.7	11.1	11	9	0.9	-34.2	15.3
KIT-4	21.2	14.1	11.6	11	10.9	8.9	0.7	-34.6	15.2
R8	30.4	24.1	21.4	20.5	19.7	16.6	3.3	-50.9	23.8
FF-1	2.5	-8.8	-16.3	-22.2	-27.7	-30.5	-37	-80.1	-17.8
FF-2	2.5	-8.8	-16.4	-22.2	-27.7	-30.5	-37.1	-80.3	-17.8
FF-3	2.4	-8.8	-16.4	-22.2	-27.8	-30.5	-37.2	-80.5	-17.8
FF-4	2.4	-8.8	-16.4	-22.2	-27.8	-30.6	-37.3	-80.7	-17.8
FF-5	2.4	-8.9	-16.4	-22.3	-27.8	-30.6	-37.4	-80.9	-17.9
FF-6	2.4	-8.9	-16.5	-22.3	-27.9	-30.7	-37.4	-81.1	-17.9
FF-7	2.3	-8.9	-16.5	-22.3	-27.9	-30.7	-37.5	-81.4	-17.9
FF-8	2.3	-9	-16.5	-22.4	-27.9	-30.8	-37.6	-81.6	-18
FF-9	2.3	-9	-16.6	-22.4	-28	-30.8	-37.7	-81.8	-18
FF-10	2.2	-9	-16.6	-22.4	-28	-30.9	-37.8	-82.1	-18
PH-1	16.6	10.4	7.7	6.8	6.2	3.1	-9.7	-62.5	10.2
PH-2	16.6	10.3	7.7	6.8	6.1	3.1	-9.8	-62.7	10.2
PH-3	16.6	10.3	7.7	6.8	6.1	3	-9.9	-63	10.1
PH-4	16.6	10.3	7.6	6.7	6	3	-10	-63.3	10.1
PH-5	16.5	10.3	7.6	6.7	6	2.9	-10.1	-63.5	10
PH-6	16.5	10.2	7.6	6.7	6	2.9	-10.2	-63.8	10
PH-7	16.5	10.2	7.6	6.6	5.9	2.8	-10.3	-64	10
PH-8	16.4	10.2	7.5	6.6	5.9	2.8	-10.4	-64.3	9.9
PH-9	16.4	10.1	7.5	6.6	5.8	2.7	-10.5	-64.6	9.9
PH-10	16.4	10.1	7.5	6.5	5.8	2.7	-10.6	-64.8	9.8
PH-11	16.4	10.1	7.4	6.5	5.8	2.6	-10.7	-65.1	9.8
PH-12	16.3	10.1	7.4	6.5	5.7	2.6	-10.8	-65.3	9.8
PH-13	16.3	10	7.4	6.4	5.7	2.5	-10.9	-65.6	9.7
PH-14	16.3	10	7.3	6.4	5.6	2.5	-11	-65.9	9.7
PH-15	16.3	10	7.3	6.4	5.6	2.4	-11	-66.2	9.6
PH-16	16.2	9.9	7.3	6.3	5.6	2.4	-11.2	-66.5	9.6
PH-17	16.2	9.9	7.2	6.3	5.5	2.3	-11.2	-66.7	9.6
PH-18	16.2	9.9	7.2	6.3	5.5	2.3	-11.4	-67	9.5
PH-19	16.1	9.8	7.2	6.2	5.4	2.2	-11.5	-67.3	9.5
PH-20	16.1	9.8	7.2	6.2	5.4	2.2	-11.5	-67.5	9.4
PH-21	16.1	9.8	7.1	6.2	5.4	2.1	-11.6	-67.8	9.4
KIT-1	16.4	10.2	7.5	6.6	5.9	2.7	-10.4	-64.4	9.9
KIT-2	16.4	10.1	7.5	6.5	5.8	2.6	-10.6	-64.9	9.8
KIT-3	16.3	10	7.4	6.5	5.7	2.5	-10.8	-65.5	9.7
KIT-4	16.3	10	7.3	6.4	5.6	2.5	-11	-65.9	9.7
R9	30	23.5	20.8	19.8	19	15.6	1.5	-55	23
FF-1	3.4	-7.8	-15.3	-21	-26.4	-28.9	-34.2	-72.3	-16.6
FF-2	3.4	-7.8	-15.3	-21.1	-26.5	-28.9	-34.3	-72.6	-16.7
FF-3	3.4	-7.9	-15.4	-21.1	-26.5	-29	-34.4	-72.9	-16.7
FF-4	3.3	-7.9	-15.4	-21.2	-26.6	-29.1	-34.5	-73.3	-16.8
FF-5	3.3	-8	-15.5	-21.2	-26.6	-29.2	-34.7	-73.7	-16.8
FF-6	3.2	-8	-15.5	-21.3	-26.7	-29.2	-34.8	-74	-16.9
FF-7	3.2	-8.1	-15.6	-21.3	-26.8	-29.3	-34.9	-74.4	-16.9
FF-8	3.1	-8.1	-15.6	-21.4	-26.8	-29.4	-35	-74.7	-17
FF-9	3.1	-8.1	-15.7	-21.4	-26.9	-29.4	-35.2	-75	-17

FF-10	3	-8.2	-15.7	-21.5	-26.9	-29.5	-35.3	-75.4	-17.1
PH-1	15.9	9.6	6.9	5.9	5.1	1.7	-12.3	-69.8	9.1
PH-2	15.9	9.6	6.9	5.9	5	1.7	-12.4	-69.9	9.1
PH-3	15.8	9.5	6.9	5.9	5	1.7	-12.5	-70.1	9.1
PH-4	15.8	9.5	6.8	5.9	5	1.7	-12.5	-70.3	9
PH-5	15.8	9.5	6.8	5.8	5	1.6	-12.6	-70.4	9
PH-6	15.8	9.5	6.8	5.8	5	1.6	-12.6	-70.6	9
PH-7	15.8	9.5	6.8	5.8	4.9	1.6	-12.7	-70.7	9
PH-8	15.8	9.5	6.8	5.8	4.9	1.6	-12.7	-70.8	8.9
PH-9	15.8	9.5	6.8	5.8	4.9	1.5	-12.8	-71	8.9
PH-10	15.7	9.4	6.7	5.8	4.9	1.5	-12.8	-71.2	8.9
PH-11	15.7	9.4	6.7	5.7	4.9	1.5	-12.9	-71.3	8.9
PH-12	15.7	9.4	6.7	5.7	4.8	1.4	-12.9	-71.5	8.9
PH-13	15.7	9.4	6.7	5.7	4.8	1.4	-13	-71.6	8.8
PH-14	15.7	9.4	6.7	5.7	4.8	1.4	-13.1	-71.8	8.8
PH-15	15.7	9.4	6.7	5.7	4.8	1.4	-13.1	-71.9	8.8
PH-16	15.6	9.3	6.6	5.6	4.7	1.3	-13.2	-72.1	8.8
PH-17	15.6	9.3	6.6	5.6	4.7	1.3	-13.2	-72.3	8.7
PH-18	15.6	9.3	6.6	5.6	4.7	1.3	-13.3	-72.5	8.7
PH-19	15.6	9.3	6.6	5.6	4.7	1.2	-13.3	-72.6	8.7
PH-20	15.6	9.3	6.6	5.6	4.6	1.2	-13.4	-72.8	8.7
PH-21	15.6	9.3	6.6	5.5	4.6	1.2	-13.5	-72.9	8.6
KIT-1	16.4	10.1	7.5	6.5	5.8	2.6	-10.6	-64.9	9.8
KIT-2	17.3	10.1	7.4	6.5	5.7	2.6	-10.7	-65.3	9.8
KIT-3	17.2	10	7.4	6.4	5.7	2.5	-10.9	-65.7	9.7
KIT-4	17.1	10	7.3	6.4	5.6	2.4	-11	-66	9.7
R10	30.6	23.5	20.6	19.6	18.7	15.3	1.4	-44.8	22.7
FF-1	14	0	-10.3	-18.1	-23.1	-24.9	-27.3	-54.7	-9.4
FF-2	15.4	1.4	-8.9	-17.4	-23.2	-25	-27.4	-55	-8.1
FF-3	15.3	1.4	-8.9	-17.4	-23.2	-25.1	-27.6	-55.3	-8.2
FF-4	15.3	1.3	-9	-17.5	-23.3	-25.2	-27.7	-55.6	-8.2
FF-5	15.2	1.2	-9.1	-17.6	-23.4	-25.3	-27.8	-56	-8.3
FF-6	15.1	1.2	-9.1	-17.7	-23.4	-25.3	-28	-56.3	-8.4
FF-7	15.1	1.1	-9.2	-17.7	-23.5	-25.4	-28.1	-56.7	-8.4
FF-8	8.5	-5.5	-12.9	-18.5	-23.6	-25.5	-28.2	-57	-13.2
FF-9	7.8	-5.6	-13	-18.6	-23.6	-25.6	-28.4	-57.4	-13.5
FF-10	6.8	-5.6	-13	-18.6	-23.7	-25.7	-28.5	-57.7	-13.8
PH-1	15	8.6	5.9	4.8	3.7	0.1	-15.7	-79.3	7.8
PH-2	15	8.7	5.9	4.8	3.8	0.1	-15.6	-79.1	7.8
PH-3	15	8.7	5.9	4.9	3.8	0.1	-15.5	-78.8	7.8
PH-4	15	8.7	6	4.9	3.8	0.2	-15.4	-78.5	7.9
PH-5	15.1	8.7	6	4.9	3.9	0.2	-15.3	-78.3	7.9
PH-6	15.1	8.7	6	4.9	3.9	0.3	-15.3	-78.1	7.9
PH-7	15.1	8.8	6	5	3.9	0.3	-15.2	-77.9	8
PH-8	15.1	8.8	6	5	4	0.3	-15.1	-77.7	8
PH-9	15.1	8.8	6.1	5	4	0.4	-15	-77.4	8
PH-10	15.2	8.8	6.1	5	4	0.4	-14.9	-77.2	8
PH-11	15.2	8.9	6.1	5.1	4.1	0.5	-14.9	-77	8.1
PH-12	15.2	8.9	6.1	5.1	4.1	0.5	-14.8	-76.8	8.1
PH-13	15.2	8.9	6.2	5.1	4.1	0.5	-14.7	-76.5	8.1
PH-14	15.2	8.9	6.2	5.1	4.2	0.6	-14.6	-76.3	8.2
PH-15	15.3	8.9	6.2	5.2	4.2	0.6	-14.6	-76.1	8.2
PH-16	15.3	9	6.2	5.2	4.2	0.7	-14.5	-75.9	8.2
PH-17	15.3	9	6.3	5.2	4.2	0.7	-14.4	-75.7	8.3
PH-18	15.3	9	6.3	5.2	4.3	0.7	-14.3	-75.4	8.3
PH-19	15.3	9	6.3	5.3	4.3	0.8	-14.3	-75.2	8.3
PH-20	15.4	9.1	6.3	5.3	4.3	0.8	-14.2	-75	8.4
PH-21	16.2	9.1	6.4	5.3	4.4	0.8	-14.1	-74.8	8.4
KIT-1	17.8	10.9	8.3	7.5	6.9	4	-7.9	-57.6	11
KIT-2	17.2	11	8.4	7.5	7	4.1	-7.8	-57.3	11
KIT-3	17.3	11	8.4	7.6	7	4.2	-7.7	-56.9	11.1
KIT-4	17.3	11	8.5	7.6	7.1	4.2	-7.6	-56.6	11.1

R11	28	21.1	18.1	16.8	15.4	11.1	-7.2	-71	19.5
FF-1	13.9	0	-10.4	-19.1	-27.7	-30.8	-37.7	-81.9	-9.8
FF-2	13.9	0	-10.4	-19.1	-27.7	-30.9	-37.8	-82.2	-9.8
FF-3	5.1	-9	-16.6	-22.5	-28.1	-30.9	-37.9	-82.4	-17.1
FF-4	4.7	-9.1	-16.7	-22.5	-28.1	-31	-38	-82.7	-17.3
FF-5	4.3	-9.1	-16.7	-22.6	-28.2	-31	-38.1	-83	-17.5
FF-6	3.9	-9.1	-16.7	-22.6	-28.2	-31.1	-38.2	-83.2	-17.7
FF-7	3.3	-9.2	-16.8	-22.6	-28.2	-31.1	-38.3	-83.6	-17.9
FF-8	2.7	-9.2	-16.8	-22.7	-28.3	-31.2	-38.4	-83.8	-18.1
FF-9	2	-9.2	-16.8	-22.7	-28.3	-31.3	-38.5	-84.1	-18.3
FF-10	2	-9.3	-16.9	-22.7	-28.4	-31.3	-38.6	-84.4	-18.3
PH-1	12.9	6.5	3.5	2.2	0.6	-4.1	-24.2	-104.2	4.7
PH-2	12.9	6.5	3.6	2.2	0.6	-4	-24.1	-103.9	4.7
PH-3	13	6.5	3.6	2.2	0.7	-4	-24	-103.6	4.7
PH-4	13	6.6	3.6	2.3	0.7	-3.9	-23.9	-103.4	4.8
PH-5	13	6.6	3.6	2.3	0.7	-3.9	-23.8	-103.1	4.8
PH-6	13	6.6	3.7	2.3	0.7	-3.9	-23.7	-102.9	4.8
PH-7	13	6.6	3.7	2.3	0.8	-3.8	-23.7	-102.6	4.8
PH-8	13.1	6.6	3.7	2.4	0.8	-3.8	-23.6	-102.4	4.9
PH-9	13.1	6.7	3.7	2.4	0.8	-3.7	-23.5	-102.1	4.9
PH-10	13.1	6.7	3.8	2.4	0.9	-3.7	-23.4	-101.8	4.9
PH-11	13.1	6.7	3.8	2.4	0.9	-3.6	-23.3	-101.6	5
PH-12	13.1	6.7	3.8	2.5	0.9	-3.6	-23.2	-101.4	5
PH-13	13.2	6.7	3.8	2.5	1	-3.6	-23.1	-101.1	5
PH-14	13.2	6.8	3.8	2.5	1	-3.5	-23	-100.8	5.1
PH-15	13.2	6.8	3.9	2.5	1	-3.5	-23	-100.6	5.1
PH-16	13.2	6.8	3.9	2.6	1.1	-3.4	-22.9	-100.3	5.1
PH-17	13.2	6.8	3.9	2.6	1.1	-3.4	-22.8	-100.1	5.1
PH-18	13.2	6.9	3.9	2.6	1.1	-3.4	-22.7	-99.8	5.2
PH-19	13.3	6.9	4	2.6	1.1	-3.3	-22.6	-99.5	5.2
PH-20	14.6	6.9	4	2.7	1.2	-3.3	-22.5	-99.3	5.3
PH-21	13.7	6.9	4	2.7	1.2	-3.2	-22.5	-99.1	5.3
KIT-1	15	8.4	5.6	4.5	3.4	-0.4	-16.7	-82.2	7.4
KIT-2	14.7	8.4	5.6	4.5	3.4	-0.4	-16.5	-81.8	7.4
KIT-3	14.8	8.4	5.7	4.6	3.5	-0.3	-16.4	-81.4	7.5
KIT-4	14.8	8.5	5.7	4.6	3.5	-0.2	-16.3	-81	7.5
R12	28.9	22.3	19.5	18.3	17.2	13.4	-2.3	-57.9	21.3
FF-1	4.9	-7.5	-15	-20.7	-26.1	-28.5	-33.4	-70.3	-16
FF-2	4.7	-7.5	-15	-20.7	-26.1	-28.5	-33.5	-70.5	-16.1
FF-3	4.4	-7.6	-15.1	-20.8	-26.1	-28.5	-33.5	-70.6	-16.2
FF-4	4	-7.6	-15.1	-20.8	-26.1	-28.6	-33.6	-70.8	-16.3
FF-5	3.7	-7.6	-15.1	-20.8	-26.2	-28.6	-33.7	-71	-16.4
FF-6	3.6	-7.6	-15.1	-20.9	-26.2	-28.7	-33.7	-71.2	-16.5
FF-7	3.6	-7.7	-15.2	-20.9	-26.3	-28.7	-33.8	-71.4	-16.5
FF-8	3.5	-7.7	-15.2	-20.9	-26.3	-28.7	-33.9	-71.6	-16.5
FF-9	3.5	-7.7	-15.2	-20.9	-26.3	-28.8	-34	-71.8	-16.6
FF-10	3.5	-7.7	-15.2	-21	-26.4	-28.8	-34	-72	-16.6
PH-1	14.1	7.6	4.8	3.5	2.2	-1.9	-19.6	-90.7	6.3
PH-2	14.1	7.6	4.8	3.6	2.3	-1.8	-19.5	-90.4	6.3
PH-3	14.1	7.7	4.8	3.6	2.3	-1.8	-19.4	-90	6.4
PH-4	14.1	7.7	4.9	3.6	2.4	-1.7	-19.3	-89.7	6.4
PH-5	14.2	7.7	4.9	3.7	2.4	-1.7	-19.2	-89.4	6.4
PH-6	14.2	7.7	4.9	3.7	2.4	-1.6	-19.1	-89.2	6.5
PH-7	14.3	7.8	4.9	3.7	2.5	-1.6	-19	-88.9	6.5
PH-8	14.3	7.8	5	3.8	2.5	-1.5	-18.9	-88.6	6.5
PH-9	14.3	7.8	5	3.8	2.6	-1.5	-18.8	-88.2	6.6
PH-10	14.3	7.9	5	3.8	2.6	-1.4	-18.7	-87.9	6.6
PH-11	14.4	7.9	5.1	3.9	2.6	-1.4	-18.6	-87.6	6.7
PH-12	14.4	7.9	5.1	3.9	2.7	-1.3	-18.5	-87.4	6.7
PH-13	14.4	7.9	5.1	3.9	2.7	-1.3	-18.4	-87	6.7
PH-14	14.4	8	5.1	4	2.8	-1.2	-18.2	-86.7	6.8

PH-15	14.4	8	5.2	4	2.8	-1.2	-18.2	-86.4	6.8
PH-16	14.5	8	5.2	4	2.8	-1.1	-18	-86.1	6.9
PH-17	14.5	8	5.2	4.1	2.9	-1.1	-17.9	-85.8	6.9
PH-18	14.5	8.1	5.3	4.1	2.9	-1	-17.8	-85.5	6.9
PH-19	14.5	8.1	5.3	4.1	3	-1	-17.7	-85.2	7
PH-20	15.3	8.1	5.3	4.2	3	-0.9	-17.6	-84.9	7
PH-21	14.5	8.1	5.3	4.2	3	-0.9	-17.5	-84.7	7
KIT-1	16.2	9.8	7.1	6.2	5.4	2.1	-11.6	-67.7	9.4
KIT-2	16.3	9.8	7.2	6.2	5.4	2.2	-11.4	-67.3	9.5
KIT-3	16.3	9.9	7.2	6.3	5.5	2.3	-11.3	-66.8	9.5
KIT-4	16.2	9.9	7.3	6.3	5.6	2.4	-11.1	-66.3	9.6
R13	31.2	24.6	22	21.1	20.5	17.6	5.9	-35.7	24.6
FF-1	7	-4.2	-11.6	-17.1	-22	-23.6	-25.2	-49.5	-12.5
FF-2	6.9	-4.2	-11.6	-17.1	-22	-23.7	-25.2	-49.5	-12.5
FF-3	6.9	-4.2	-11.6	-17.1	-22	-23.7	-25.3	-49.6	-12.5
FF-4	6.9	-4.3	-11.6	-17.1	-22	-23.7	-25.3	-49.7	-12.6
FF-5	6.9	-4.3	-11.6	-17.1	-22.1	-23.7	-25.3	-49.8	-12.6
FF-6	6.9	-4.3	-11.6	-17.1	-22.1	-23.8	-25.4	-49.9	-12.6
FF-7	6.8	-4.3	-11.7	-17.2	-22.1	-23.8	-25.4	-50	-12.6
FF-8	6.8	-4.3	-11.7	-17.2	-22.1	-23.8	-25.5	-50.1	-12.7
FF-9	6.8	-4.4	-11.7	-17.2	-22.1	-23.8	-25.5	-50.2	-12.7
FF-10	6.8	-4.4	-11.7	-17.2	-22.2	-23.9	-25.6	-50.3	-12.7
PH-1	16.2	9.7	7	6.1	5.2	2	-11.9	-68.6	9.3
PH-2	16.2	9.7	7.1	6.1	5.3	2	-11.8	-68.3	9.3
PH-3	16.2	9.8	7.1	6.1	5.3	2.1	-11.7	-67.9	9.4
PH-4	16.3	9.8	7.1	6.2	5.4	2.2	-11.6	-67.6	9.4
PH-5	16.4	9.8	7.2	6.2	5.4	2.2	-11.4	-67.3	9.5
PH-6	16.4	9.9	7.2	6.3	5.5	2.3	-11.3	-67	9.5
PH-7	16.4	9.9	7.3	6.3	5.5	2.3	-11.2	-66.7	9.6
PH-8	16.4	9.9	7.3	6.4	5.6	2.4	-11.1	-66.3	9.6
PH-9	16.5	10	7.3	6.4	5.6	2.5	-11	-66	9.7
PH-10	16.5	10	7.4	6.4	5.7	2.5	-10.9	-65.6	9.7
PH-11	16.5	10.1	7.4	6.5	5.7	2.6	-10.8	-65.3	9.8
PH-12	16.6	10.1	7.4	6.5	5.8	2.6	-10.6	-65	9.8
PH-13	16.6	10.1	7.5	6.6	5.8	2.7	-10.5	-64.7	9.9
PH-14	16.6	10.2	7.5	6.6	5.9	2.8	-10.4	-64.3	9.9
PH-15	16.6	10.2	7.6	6.6	5.9	2.8	-10.3	-64	10
PH-16	16.7	10.2	7.6	6.7	6	2.9	-10.2	-63.7	10
PH-17	16.7	10.3	7.6	6.7	6	2.9	-10.1	-63.4	10.1
PH-18	16.8	10.3	7.7	6.8	6.1	3	-9.9	-63	10.1
PH-19	16.8	10.3	7.7	6.8	6.1	3.1	-9.8	-62.7	10.2
PH-20	17.3	10.4	7.8	6.9	6.2	3.1	-9.7	-62.4	10.2
PH-21	16.7	10.4	7.8	6.9	6.2	3.2	-9.6	-62.1	10.2
KIT-1	19	12.5	10.1	9.3	9	6.6	-3.2	-44.9	13.2
KIT-2	19.1	12.6	10.1	9.4	9.1	6.7	-3	-44.4	13.3
KIT-3	19.1	12.7	10.2	9.5	9.2	6.9	-2.8	-43.8	13.4
KIT-4	19.1	12.8	10.3	9.6	9.3	7	-2.7	-43.4	13.5
R14	32.4	24.5	21.9	21	20.3	17.4	5.4	-40	24.4
FF-1	4.2	-7	-14.5	-20.2	-25.5	-27.7	-32.1	-66.9	-15.8
FF-2	4.2	-7	-14.5	-20.2	-25.4	-27.7	-32.1	-66.8	-15.8
FF-3	4.2	-7	-14.5	-20.1	-25.4	-27.7	-32	-66.6	-15.7
FF-4	4.2	-7	-14.4	-20.1	-25.4	-27.6	-31.9	-66.4	-15.7
FF-5	4.3	-7	-14.4	-20.1	-25.3	-27.6	-31.9	-66.3	-15.7
FF-6	4.3	-6.9	-14.4	-20.1	-25.3	-27.6	-31.8	-66.1	-15.7
FF-7	4.3	-6.9	-14.4	-20	-25.3	-27.5	-31.7	-65.9	-15.6
FF-8	4.4	-6.9	-14.3	-20	-25.3	-27.5	-31.7	-65.8	-15.6
FF-9	4.6	-6.9	-14.3	-20	-25.2	-27.5	-31.6	-65.6	-15.5
FF-10	4.8	-6.8	-14.3	-20	-25.2	-27.4	-31.6	-65.5	-15.4
PH-1	17.9	9.6	6.9	5.9	5.1	1.8	-12.3	-69.7	9.1
PH-2	17.9	9.6	7	6	5.1	1.8	-12.2	-69.3	9.2
PH-3	17.9	9.7	7	6	5.2	1.9	-12	-68.8	9.3

PH-4	18	9.7	7.1	6.1	5.3	2	-11.8	-68.4	9.3
PH-5	18.1	9.8	7.1	6.1	5.3	2.1	-11.7	-68	9.4
PH-6	18.1	9.8	7.1	6.2	5.4	2.2	-11.6	-67.6	9.5
PH-7	18.1	9.9	7.2	6.2	5.5	2.2	-11.4	-67.2	9.5
PH-8	18.2	9.9	7.2	6.3	5.5	2.3	-11.3	-66.8	9.6
PH-9	18.2	10	7.3	6.4	5.6	2.4	-11.1	-66.3	9.6
PH-10	18.2	10	7.3	6.4	5.6	2.5	-10.9	-65.9	9.7
PH-11	18.3	10	7.4	6.5	5.7	2.5	-10.8	-65.5	9.8
PH-12	18.3	10.1	7.4	6.5	5.8	2.6	-10.7	-65.1	9.8
PH-13	18.3	10.1	7.5	6.6	5.8	2.7	-10.5	-64.7	9.9
PH-14	18.4	10.2	7.5	6.6	5.9	2.8	-10.3	-64.2	10
PH-15	18.4	10.2	7.6	6.7	5.9	2.9	-10.2	-63.8	10
PH-16	18.9	10.3	7.6	6.7	6	2.9	-10	-63.4	10.1
PH-17	18.5	10.3	7.7	6.8	6.1	3	-9.9	-63	10.1
PH-18	18	10.4	7.7	6.8	6.1	3.1	-9.7	-62.5	10.2
PH-19	17.4	10.4	7.8	6.9	6.2	3.2	-9.6	-62.1	10.3
PH-20	16.8	10.5	7.8	6.9	6.3	3.3	-9.5	-61.7	10.3
PH-21	16.8	10.5	7.9	7	6.3	3.3	-9.3	-61.4	10.4
KIT-1	20.1	12.2	9.7	8.9	8.5	6.1	-4.3	-47.6	12.7
KIT-2	19.6	12.3	9.8	9	8.7	6.2	-4	-46.9	12.8
KIT-3	19	12.4	9.9	9.1	8.8	6.4	-3.7	-46.2	12.9
KIT-4	18.7	12.4	9.9	9.2	8.9	6.5	-3.5	-45.6	13
R15	36.2	27.7	24.3	23.6	23.3	20.9	11.5	-27.4	27.5
FF-1	9.5	-4.6	-15.1	-21.6	-27.1	-29.7	-35.7	-76.5	-13.9
FF-2	9.5	-4.6	-15.1	-21.6	-27.1	-29.7	-35.6	-76.1	-13.8
FF-3	9.6	-4.5	-15	-21.5	-27	-29.6	-35.5	-75.8	-13.8
FF-4	9.6	-4.5	-15	-21.5	-26.9	-29.5	-35.3	-75.4	-13.7
FF-5	9.6	-4.5	-14.9	-21.4	-26.9	-29.4	-35.1	-74.9	-13.7
FF-6	9.7	-4.4	-14.9	-21.4	-26.8	-29.4	-35	-74.6	-13.7
FF-7	9.7	-4.4	-14.9	-21.3	-26.7	-29.3	-34.8	-74.1	-13.6
FF-8	9.8	-4.4	-14.8	-21.2	-26.7	-29.2	-34.7	-73.8	-13.6
FF-9	9.8	-4.3	-14.8	-21.2	-26.6	-29.1	-34.5	-73.4	-13.5
FF-10	9.8	-4.3	-14.7	-21.1	-26.5	-29	-34.4	-72.9	-13.5
PH-1	23.3	14.1	9.3	8.6	8.1	5.6	-5.2	-50	12.4
PH-2	23.3	14.2	9.4	8.6	8.2	5.6	-5	-49.6	12.5
PH-3	23.4	14.3	9.5	8.7	8.3	5.8	-4.8	-49	12.6
PH-4	23.5	14.3	9.5	8.8	8.4	5.9	-4.6	-48.6	12.7
PH-5	23.5	14.4	9.6	8.9	8.5	5.9	-4.5	-48.1	12.7
PH-6	23.6	14.4	9.7	8.9	8.5	6	-4.3	-47.7	12.8
PH-7	23.4	14.3	9.7	9	8.6	6.1	-4.1	-47.3	12.9
PH-8	23.3	14.1	9.8	9	8.7	6.2	-4	-46.8	12.9
PH-9	23	13.9	9.8	9.1	8.8	6.3	-3.8	-46.3	13
PH-10	22.9	13.7	9.9	9.2	8.8	6.4	-3.6	-45.9	13.1
PH-11	22.7	13.5	10	9.3	8.9	6.5	-3.5	-45.5	13.1
PH-12	22.4	13.3	10	9.3	9	6.6	-3.3	-45	13.2
PH-13	22.1	13	10.1	9.4	9.1	6.7	-3.1	-44.6	13.3
PH-14	21.8	12.7	10.2	9.5	9.2	6.8	-2.9	-44.1	13.4
PH-15	21.5	12.7	10.2	9.5	9.2	6.9	-2.8	-43.7	13.4
PH-16	21.1	12.8	10.3	9.6	9.3	7	-2.6	-43.2	13.5
PH-17	20.7	12.8	10.4	9.7	9.4	7.1	-2.4	-42.7	13.6
PH-18	20.2	12.9	10.4	9.8	9.5	7.2	-2.2	-42.2	13.7
PH-19	19.7	13	10.5	9.8	9.6	7.3	-2.1	-41.8	13.8
PH-20	19.2	13	10.6	9.9	9.6	7.4	-1.9	-41.4	13.8
PH-21	19.3	13.1	10.6	10	9.7	7.5	-1.8	-41	13.9
KIT-1	21.8	13.7	11.3	10.7	10.5	8.4	-0.1	-36.6	14.8
KIT-2	21.3	13.8	11.4	10.8	10.7	8.6	0.2	-36	14.9
KIT-3	20.7	13.9	11.5	10.9	10.8	8.7	0.5	-35.3	15.1
KIT-4	20.2	14	11.6	11	10.9	8.9	0.7	-34.8	15.2
R16	34.4	25.3	21.2	20.1	19.3	16.1	2.3	-53.1	23.5
FF-1	14	0.3	-10.1	-19.1	-28	-34.7	-45.8	-104.5	-9.7
FF-2	14	0.3	-10.1	-19	-28	-34.6	-45.6	-104.2	-9.6

FF-3	14.1	0.3	-10.1	-19	-28	-34.6	-45.5	-103.8	-9.6
FF-4	14.1	0.4	-10.1	-19	-27.9	-34.5	-45.4	-103.4	-9.6
FF-5	14.1	0.4	-10	-18.9	-27.9	-34.5	-45.2	-103	-9.6
FF-6	14.1	0.4	-10	-18.9	-27.9	-34.4	-45.1	-102.7	-9.5
FF-7	14.2	0.4	-10	-18.9	-27.8	-34.4	-45	-102.3	-9.5
FF-8	14.2	0.5	-10	-18.9	-27.8	-34.3	-44.9	-101.9	-9.5
FF-9	14.2	0.5	-9.9	-18.8	-27.7	-34.3	-44.7	-101.5	-9.5
FF-10	14.2	0.5	-9.9	-18.8	-27.7	-34.2	-44.6	-101.1	-9.4
PH-1	22.2	13.1	7.4	5.5	4.6	1.1	-13.6	-73.4	9
PH-2	22.1	12.9	7.3	5.5	4.6	1.2	-13.5	-73	9
PH-3	22	12.8	7.1	5.6	4.7	1.3	-13.3	-72.5	9.1
PH-4	21.8	12.6	7	5.6	4.7	1.3	-13.2	-72.1	9.1
PH-5	21.7	12.5	6.8	5.7	4.8	1.4	-13	-71.7	9.1
PH-6	21.5	12.3	6.7	5.7	4.9	1.5	-12.9	-71.3	9.1
PH-7	21.3	12.1	6.8	5.8	4.9	1.5	-12.7	-70.9	9.2
PH-8	21.1	11.9	6.8	5.8	5	1.6	-12.6	-70.5	9.2
PH-9	20.8	11.6	6.9	5.9	5	1.7	-12.4	-70	9.2
PH-10	20.6	11.4	6.9	5.9	5.1	1.8	-12.3	-69.6	9.3
PH-11	20.3	11.1	7	6	5.1	1.8	-12.2	-69.3	9.3
PH-12	20	10.8	7	6	5.2	1.9	-12	-68.9	9.3
PH-13	19.7	10.5	7.1	6.1	5.3	2	-11.9	-68.5	9.4
PH-14	19.3	10.1	7.1	6.1	5.3	2.1	-11.7	-68	9.4
PH-15	19	9.8	7.1	6.2	5.4	2.1	-11.6	-67.6	9.5
PH-16	18.5	9.9	7.2	6.2	5.4	2.2	-11.4	-67.2	9.5
PH-17	18.1	9.9	7.2	6.3	5.5	2.3	-11.3	-66.8	9.6
PH-18	17.6	9.9	7.3	6.3	5.6	2.4	-11.1	-66.4	9.6
PH-19	17	10	7.3	6.4	5.6	2.5	-11	-66	9.7
PH-20	16.4	10	7.4	6.4	5.7	2.5	-10.8	-65.6	9.7
PH-21	16.3	10.1	7.4	6.5	5.7	2.6	-10.7	-65.2	9.8
KIT-1	18.7	10.2	7.6	6.7	5.9	2.8	-10.3	-64	10
KIT-2	18.1	10.3	7.6	6.7	6	2.9	-10.1	-63.4	10.1
KIT-3	17.4	10.3	7.7	6.8	6.1	3	-9.8	-62.8	10.2
KIT-4	16.8	10.4	7.8	6.9	6.2	3.1	-9.7	-62.4	10.2
R17	43.1	36.2	32.8	30.9	28.5	23.2	5.4	-60.2	33
FF-1	16.6	4.2	-5.2	-13.5	-22.5	-29.8	-47.8	-125.9	-6.1
FF-2	16.7	4.3	-5.1	-13.5	-22.5	-29.8	-47.7	-125.5	-6.1
FF-3	16.7	4.3	-5.1	-13.4	-22.4	-29.7	-47.5	-125.1	-6
FF-4	16.7	4.3	-5.1	-13.4	-22.3	-29.6	-47.4	-124.7	-6
FF-5	16.8	4.4	-5	-13.4	-22.3	-29.5	-47.2	-124.2	-6
FF-6	16.8	4.4	-5	-13.3	-22.2	-29.5	-47.1	-123.8	-5.9
FF-7	16.8	4.4	-5	-13.3	-22.2	-29.4	-46.9	-123.4	-5.9
FF-8	16.8	4.5	-4.9	-13.2	-22.1	-29.3	-46.8	-123	-5.9
FF-9	16.9	4.5	-4.9	-13.2	-22.1	-29.3	-46.7	-122.5	-5.8
FF-10	16.9	4.5	-4.8	-13.1	-22	-29.2	-46.5	-122.1	-5.8
PH-1	24.5	15.4	9.7	5.6	3.5	-0.3	-16.4	-81.4	9
PH-2	24.5	15.4	9.7	5.6	3.5	-0.2	-16.3	-81.1	9.1
PH-3	24.5	15.4	9.7	5.7	3.6	-0.2	-16.2	-80.7	9.1
PH-4	34.6	28	24.7	22.8	20.4	14.9	-3.3	-70.2	24.9
PH-5	34.6	28	24.8	22.8	20.4	14.9	-3.2	-70	24.9
PH-6	34.6	28	24.8	22.8	20.5	14.9	-3.2	-69.7	24.9
PH-7	34.7	28.1	24.8	22.9	20.5	15	-3.1	-69.5	24.9
PH-8	34.7	28.1	24.8	22.9	20.5	15	-3	-69.2	24.9
PH-9	34.7	28.1	24.8	22.9	20.5	15	-2.9	-68.9	25
PH-10	22.3	13.1	7.4	4.9	3.8	0.2	-15.5	-78.6	8.4
PH-11	22.1	12.9	7.2	4.9	3.9	0.2	-15.4	-78.4	8.4
PH-12	21.8	12.6	6.9	4.9	3.9	0.3	-15.3	-78.1	8.4
PH-13	21.5	12.3	6.6	5	3.9	0.3	-15.2	-77.8	8.3
PH-14	21.1	11.9	6.2	5	4	0.4	-15	-77.5	8.3
PH-15	20.7	11.4	6.1	5	4	0.4	-15	-77.2	8.3
PH-16	20	10.8	6.1	5.1	4.1	0.5	-14.8	-76.9	8.3
PH-17	19.4	10.1	6.2	5.1	4.1	0.5	-14.8	-76.6	8.2
PH-18	18.3	9.1	6.2	5.1	4.1	0.6	-14.6	-76.3	8.2

PH-19	17	9	6.2	5.2	4.2	0.6	-14.5	-76	8.2
PH-20	16.2	9	6.2	5.2	4.2	0.7	-14.5	-75.8	8.3
PH-21	15.4	9	6.3	5.2	4.3	0.7	-14.4	-75.6	8.3
KIT-1	18.5	9.3	5.6	4.5	3.4	-0.4	-16.6	-81.8	7.5
KIT-2	17.9	8.7	5.7	4.5	3.5	-0.3	-16.4	-81.5	7.5
KIT-3	17.1	8.5	5.7	4.6	3.5	-0.3	-16.3	-81.1	7.6
KIT-4	16.4	8.5	5.7	4.6	3.5	-0.2	-16.2	-80.9	7.6
R18	47.9	39.5	34.5	31.2	28.5	24.1	14.3	-21.2	33.9
FF-1	8	-6.1	-16.8	-24.6	-30.5	-34	-43.8	-99	-15.6
FF-2	7.8	-6.4	-17	-24.5	-30.5	-33.9	-43.7	-98.6	-15.9
FF-3	7.5	-6.7	-17.3	-24.5	-30.4	-33.9	-43.5	-98.2	-16.1
FF-4	7	-7.2	-17.8	-24.4	-30.4	-33.8	-43.4	-97.7	-16.5
FF-5	6.4	-7.8	-18.4	-24.4	-30.3	-33.7	-43.2	-97.3	-17
FF-6	5.5	-8.7	-18.3	-24.3	-30.2	-33.6	-43.1	-96.9	-17.6
FF-7	5.4	-8.8	-18.3	-24.3	-30.2	-33.5	-42.9	-96.4	-17.7
FF-8	5.3	-8.9	-18.2	-24.2	-30.1	-33.5	-42.8	-96	-17.7
FF-9	5.2	-9	-18.2	-24.2	-30	-33.4	-42.6	-95.5	-17.8
FF-10	5.1	-9.1	-18.1	-24.1	-30	-33.3	-42.4	-95.1	-17.8
PH-1	28.6	19.6	14.3	10.7	10.5	8.5	0	-36.5	15.5
PH-2	28.7	19.7	14.3	10.7	10.6	8.5	0	-36.3	15.5
PH-3	28.7	19.7	14.3	10.8	10.6	8.6	0.1	-36.1	15.5
PH-4	28.7	19.7	14.4	10.8	10.7	8.6	0.2	-35.9	15.6
PH-5	28.7	19.7	14.4	10.9	10.7	8.7	0.3	-35.7	15.6
PH-6	28.7	19.7	14.4	10.9	10.7	8.7	0.4	-35.5	15.7
PH-7	35.6	27.2	22.3	19	15.9	11	0.4	-35.3	21.5
PH-8	35.6	27.3	22.3	19	16	11	0.5	-35.1	21.5
PH-9	35.6	27.3	22.3	19	16	11	0.6	-34.9	21.5
PH-10	35.6	27.3	22.4	19	16	11.1	0.7	-34.7	21.5
PH-11	35.7	27.3	22.4	19.1	16.1	11.1	0.7	-34.6	21.6
PH-12	35.7	27.3	22.4	19.1	16.1	11.1	0.8	-34.4	21.6
PH-13	35.7	27.4	22.4	19.1	16.1	11.2	0.9	-34.2	21.6
PH-14	35.7	27.4	22.5	19.1	16.1	11.2	0.9	-34	21.6
PH-15	35.7	27.4	22.5	19.1	16.2	11.2	1	-33.9	21.7
PH-16	35.8	27.4	22.5	19.2	16.2	11.3	1.1	-33.7	21.7
PH-17	35.8	27.4	22.5	19.2	16.2	11.3	1.1	-33.6	21.7
PH-18	35.8	27.5	22.5	19.2	16.2	11.3	1.2	-33.4	21.7
PH-19	35.8	27.5	22.6	19.2	16.3	11.3	1.3	-33.2	21.7
PH-20	35.8	27.5	22.6	19.2	16.3	11.4	1.3	-33.1	21.8
PH-21	35.9	27.5	22.6	19.3	16.3	11.4	1.4	-33	21.8
KIT-1	22.3	13.2	9.9	9.2	8.9	6.4	-3.6	-45.8	13.1
KIT-2	22.3	13.2	9.9	9.2	8.9	6.4	-3.6	-45.7	13.1
KIT-3	22.3	13.2	9.9	9.2	8.9	6.5	-3.5	-45.7	13.1
KIT-4	22.4	13.2	9.9	9.2	8.9	6.5	-3.5	-45.7	13.1
R19	47.7	39.8	35.1	31.9	29	24.1	11.6	-32.8	34.4
FF-1	4.9	-9.4	-19.8	-26	-32.2	-36.1	-48.1	-111.3	-18.6
FF-2	4.9	-9.4	-19.8	-25.9	-32.1	-36.1	-48	-110.9	-18.6
FF-3	4.8	-9.4	-19.7	-25.9	-32.1	-36	-47.8	-110.6	-18.6
FF-4	4.8	-9.4	-19.7	-25.9	-32	-35.9	-47.7	-110.1	-18.6
FF-5	4.8	-9.5	-19.7	-25.8	-32	-35.9	-47.5	-109.6	-18.6
FF-6	8	-6.2	-16.9	-25.8	-31.9	-35.8	-47.4	-109.3	-15.8
FF-7	8	-6.2	-16.9	-25.7	-31.9	-35.7	-47.2	-108.8	-15.8
FF-8	8	-6.2	-16.9	-25.7	-31.8	-35.6	-47.1	-108.4	-15.8
FF-9	8	-6.2	-16.9	-25.6	-31.7	-35.6	-46.9	-107.9	-15.8
FF-10	3.9	-10.4	-19.4	-25.6	-31.7	-35.5	-46.8	-107.5	-19.2
PH-1	27	18	12.5	9	8.6	6.1	-4.2	-47.4	13.4
PH-2	27	18	12.5	9	8.6	6.1	-4.2	-47.3	13.4
PH-3	27	18	12.6	9	8.6	6.2	-4.1	-47.1	13.5
PH-4	27	18	12.6	9	8.7	6.2	-4	-47	13.5
PH-5	27	18	12.6	9	8.7	6.2	-4	-46.8	13.5
PH-6	27	18	12.6	9.1	8.7	6.2	-3.9	-46.7	13.5
PH-7	27.1	18	12.6	9.1	8.7	6.3	-3.9	-46.6	13.6

PH-8	35.7	27.9	23.2	20	16.9	11.6	-1.5	-46.4	22.3
PH-9	35.8	27.9	23.2	20	16.9	11.6	-1.4	-46.3	22.3
PH-10	35.8	27.9	23.3	20.1	17	11.7	-1.3	-46.2	22.4
PH-11	35.8	28	23.3	20.1	17	11.7	-1.3	-46	22.4
PH-12	35.9	28	23.4	20.1	17.1	11.8	-1.2	-45.9	22.4
PH-13	35.9	28	23.4	20.2	17.1	11.8	-1.1	-45.8	22.5
PH-14	35.9	28.1	23.4	20.2	17.1	11.9	-1.1	-45.7	22.5
PH-15	35.9	28.1	23.5	20.3	17.2	11.9	-1	-45.6	22.6
PH-16	36	28.1	23.5	20.3	17.2	12	-0.9	-45.4	22.6
PH-17	36	28.2	23.5	20.3	17.3	12	-0.9	-45.3	22.6
PH-18	36	28.2	23.6	20.4	17.3	12.1	-0.8	-45.2	22.7
PH-19	36.1	28.2	23.6	20.4	17.4	12.1	-0.7	-45.1	22.7
PH-20	36.1	28.3	23.7	20.5	17.4	12.2	-0.7	-45	22.8
PH-21	36.1	28.3	23.7	20.5	17.5	12.2	-0.6	-45	22.8
KIT-1	20.8	11.7	8.2	7.4	6.8	3.9	-8.2	-58.4	10.9
KIT-2	20.8	11.7	8.3	7.4	6.8	3.9	-8.2	-58.3	10.9
KIT-3	20.9	11.7	8.3	7.4	6.8	3.9	-8.2	-58.3	10.9
KIT-4	20.9	11.7	8.3	7.4	6.8	3.9	-8.2	-58.3	10.9
R20	45.6	37.9	33.4	30.2	26.9	21.1	4.6	-54.9	32.3
FF-1	-2.7	-14.1	-22.2	-28.6	-35.4	-40.4	-57.1	-137.8	-23.8
FF-2	-2.7	-14.1	-22.1	-28.6	-35.4	-40.4	-57	-137.5	-23.8
FF-3	-2.7	-14.1	-22.1	-28.6	-35.3	-40.3	-56.8	-137.1	-23.8
FF-4	-2.6	-14.1	-22.1	-28.5	-35.3	-40.2	-56.7	-136.7	-23.7
FF-5	-2.6	-14	-22	-28.5	-35.2	-40.2	-56.5	-136.3	-23.7
FF-6	-2.6	-14	-22	-28.5	-35.2	-40.1	-56.4	-135.9	-23.7
FF-7	-2.5	-14	-22	-28.4	-35.1	-40	-56.3	-135.5	-23.6
FF-8	-2.5	-13.9	-21.9	-28.4	-35.1	-40	-56.2	-135.1	-23.6
FF-9	-2.5	-13.9	-21.9	-28.3	-35.1	-39.9	-56	-134.7	-23.6
FF-10	-2.4	-13.9	-21.9	-28.3	-35	-39.8	-55.9	-134.2	-23.5
PH-1	34.4	26.9	22.6	19.5	16.1	10.1	-6.7	-66.8	21.5
PH-2	34.3	26.9	22.5	19.4	16.1	10.1	-6.8	-66.8	21.4
PH-3	24.4	15.3	9.7	6	5.2	1.9	-12.1	-69.2	10
PH-4	24.4	15.3	9.7	6	5.2	1.9	-12.1	-69.2	10
PH-5	24.4	15.3	9.6	6	5.2	1.9	-12.1	-69.2	10
PH-6	24.4	15.2	9.6	6	5.2	1.9	-12.1	-69.2	10
PH-7	24.4	15.3	9.6	6	5.2	1.9	-12.1	-69.2	10
PH-8	24.4	15.3	9.7	6	5.2	1.9	-12.1	-69.2	10
PH-9	24.4	15.3	9.7	6	5.1	1.8	-12.2	-69.3	10
PH-10	26.2	17.2	11.6	7.7	5.1	1.8	-12.2	-69.3	11
PH-11	34.2	26.6	22.2	19	15.6	9.5	-7.3	-67.4	21
PH-12	34.1	26.6	22.2	19	15.6	9.5	-7.4	-67.5	21
PH-13	34.1	26.6	22.1	18.9	15.5	9.4	-7.5	-67.6	20.9
PH-14	34.1	26.5	22.1	18.9	15.4	9.4	-7.5	-67.6	20.9
PH-15	34.1	26.5	22	18.8	15.4	9.3	-7.6	-67.7	20.9
PH-16	34.1	26.5	22	18.8	15.3	9.3	-7.7	-67.8	20.8
PH-17	34	26.4	21.9	18.7	15.3	9.2	-7.7	-67.9	20.8
PH-18	34	26.4	21.9	18.7	15.2	9.1	-7.8	-68	20.7
PH-19	34	26.4	21.9	18.6	15.2	9.1	-7.9	-68.1	20.7
PH-20	34	26.3	21.8	18.6	15.1	9	-7.9	-68.2	20.6
PH-21	33.9	26.3	21.8	18.5	15.1	9	-8	-68.3	20.6
KIT-1	18.3	9.1	5.3	4.2	3	-0.9	-17.7	-85	7.1
KIT-2	18.3	9.1	5.3	4.1	3	-0.9	-17.7	-85.1	7.1
KIT-3	18.3	9.1	5.3	4.1	3	-1	-17.7	-85.2	7.1
KIT-4	18.4	9.1	5.3	4.1	2.9	-1	-17.8	-85.4	7.1
R21	45.5	38	33.8	30.7	27.5	21.6	4.7	-56.2	32.8
FF-1	-2.9	-14.4	-22.4	-29	-35.8	-40.9	-58.2	-141.2	-24.1
FF-2	-2.9	-14.4	-22.4	-28.9	-35.8	-40.9	-58.1	-140.8	-24.1
FF-3	-2.9	-14.3	-22.4	-28.9	-35.7	-40.8	-57.9	-140.5	-24.1
FF-4	-2.9	-14.3	-22.4	-28.9	-35.7	-40.8	-57.8	-140.1	-24
FF-5	-2.8	-14.3	-22.3	-28.8	-35.6	-40.7	-57.7	-139.6	-24
FF-6	-2.8	-14.3	-22.3	-28.8	-35.6	-40.6	-57.6	-139.3	-24

FF-7	-2.8	-14.2	-22.3	-28.7	-35.5	-40.6	-57.4	-138.8	-23.9
FF-8	-2.7	-14.2	-22.2	-28.7	-35.5	-40.5	-57.3	-138.5	-23.9
FF-9	-2.7	-14.2	-22.2	-28.7	-35.4	-40.4	-57.2	-138.1	-23.9
FF-10	-2.7	-14.1	-22.2	-28.6	-35.4	-40.4	-57	-137.7	-23.8
PH-1	34.6	27.3	23.2	20.3	17.1	11.1	-6	-67.1	22.3
PH-2	34.5	27.3	23.2	20.2	17	11	-6.1	-67.2	22.2
PH-3	34.5	27.3	23.1	20.2	17	10.9	-6.2	-67.3	22.2
PH-4	24.2	15.1	9.5	5.8	4.9	1.5	-12.8	-71.1	9.8
PH-5	24.2	15.1	9.5	5.8	4.9	1.5	-12.8	-71.1	9.8
PH-6	24.2	15.1	9.5	5.7	4.9	1.5	-12.8	-71.2	9.7
PH-7	24.2	15.1	9.5	5.7	4.9	1.5	-12.9	-71.2	9.7
PH-8	24.2	15.1	9.5	5.7	4.9	1.5	-12.9	-71.3	9.7
PH-9	24.2	15.1	9.5	5.7	4.8	1.5	-12.9	-71.4	9.7
PH-10	24.2	15.1	9.5	5.7	4.8	1.4	-12.9	-71.5	9.7
PH-11	25	15.9	10.3	6.4	4.8	1.4	-13	-71.5	10.1
PH-12	26.7	17.7	12.1	8.2	4.8	1.4	-13	-71.6	11.1
PH-13	34.3	27	22.8	19.8	16.4	10.4	-6.9	-68.5	21.7
PH-14	34.3	27	22.7	19.7	16.4	10.3	-7	-68.6	21.7
PH-15	34.3	26.9	22.7	19.7	16.3	10.3	-7	-68.7	21.6
PH-16	34.3	26.9	22.7	19.6	16.3	10.2	-7.1	-68.9	21.6
PH-17	34.2	26.9	22.6	19.6	16.2	10.1	-7.2	-69	21.5
PH-18	34.2	26.9	22.6	19.5	16.2	10.1	-7.3	-69.1	21.5
PH-19	34.2	26.8	22.5	19.5	16.1	10	-7.3	-69.3	21.4
PH-20	34.2	26.8	22.5	19.4	16.1	9.9	-7.4	-69.4	21.4
PH-21	34.2	26.8	22.5	19.4	16	9.9	-7.5	-69.5	21.4
KIT-1	18.1	8.8	5	3.8	2.5	-1.5	-18.8	-88.4	6.7
KIT-2	18.1	8.8	5	3.8	2.5	-1.5	-18.9	-88.6	6.7
KIT-3	18.1	8.8	4.9	3.7	2.5	-1.6	-19	-88.8	6.6
KIT-4	18.1	8.8	4.9	3.7	2.5	-1.6	-19	-89	6.6
R22	46.6	39.6	36	33.8	31.4	26.5	12.4	-38.8	36
FF-1	-2	-13.4	-21.3	-27.7	-34.2	-38.8	-53.6	-127.5	-23
FF-2	-1.9	-13.3	-21.3	-27.6	-34.2	-38.7	-53.5	-127.2	-22.9
FF-3	-1.9	-13.3	-21.3	-27.6	-34.1	-38.7	-53.4	-126.9	-22.9
FF-4	-1.9	-13.3	-21.2	-27.6	-34.1	-38.7	-53.3	-126.6	-22.9
FF-5	-1.9	-13.3	-21.2	-27.5	-34.1	-38.6	-53.2	-126.3	-22.9
FF-6	-1.8	-13.2	-21.2	-27.5	-34	-38.6	-53.1	-126	-22.8
FF-7	-1.8	-13.2	-21.1	-27.5	-34	-38.5	-53	-125.7	-22.8
FF-8	-1.8	-13.2	-21.1	-27.5	-34	-38.5	-52.9	-125.4	-22.8
FF-9	-1.8	-13.2	-21.1	-27.4	-33.9	-38.4	-52.8	-125.1	-22.7
FF-10	-1.8	-13.2	-21.1	-27.4	-33.9	-38.4	-52.7	-124.8	-22.7
PH-1	37	30.3	26.9	24.8	22.4	17.4	3.3	-47.3	27
PH-2	36.9	30.2	26.8	24.7	22.4	17.3	3.2	-47.6	26.9
PH-3	36.9	30.2	26.8	24.6	22.3	17.2	3	-48	26.8
PH-4	36.8	30.1	26.7	24.6	22.2	17.1	2.9	-48.4	26.8
PH-5	36.8	30.1	26.6	24.5	22.1	17	2.7	-48.7	26.7
PH-6	36.8	30	26.6	24.4	22	17	2.6	-49	26.6
PH-7	36.7	30	26.5	24.4	22	16.9	2.4	-49.3	26.6
PH-8	36.7	29.9	26.5	24.3	21.9	16.8	2.3	-49.7	26.5
PH-9	26.6	17.6	12.1	8.3	7	4.1	-7.8	-57.2	12.2
PH-10	26.6	17.6	12.1	8.3	6.9	4.1	-7.9	-57.5	12.2
PH-11	26.6	17.6	12.1	8.3	6.9	4	-8	-57.8	12.1
PH-12	26.6	17.5	12	8.2	6.8	3.9	-8.1	-58.1	12.1
PH-13	26.6	17.5	12	8.2	6.8	3.9	-8.3	-58.5	12
PH-14	26.5	17.5	12	8.2	6.7	3.8	-8.4	-58.8	12
PH-15	26.5	17.5	12	8.2	6.7	3.8	-8.5	-59.1	12
PH-16	26.6	17.6	12.1	8.3	6.6	3.7	-8.6	-59.4	12
PH-17	27	18	12.5	8.7	6.6	3.6	-8.7	-59.7	12.2
PH-18	27.4	18.4	12.9	9.1	6.5	3.6	-8.9	-60	12.4
PH-19	27.7	18.7	13.2	9.4	6.5	3.5	-9	-60.4	12.5
PH-20	27.9	19	13.5	9.7	6.4	3.4	-9.1	-60.7	12.7
PH-21	28.1	19.2	13.7	9.9	6.4	3.4	-9.2	-61	12.8
KIT-1	19.9	10.7	6	4.9	3.9	0.3	-15.2	-77.9	8.1

KIT-2	19.9	10.7	6	4.9	3.9	0.2	-15.4	-78.4	8.1
KIT-3	19.9	10.7	5.9	4.8	3.8	0.1	-15.5	-78.9	8
KIT-4	19.9	10.7	5.9	4.8	3.7	0.1	-15.7	-79.3	7.9
R23	40.3	31.2	25.8	22.8	22.2	19.7	9.3	-33.5	27
FF-1	-0.2	-11.5	-19.3	-25.4	-31.5	-35.3	-46.4	-106.3	-20.9
FF-2	-0.2	-11.5	-19.3	-25.4	-31.5	-35.3	-46.3	-106.1	-20.9
FF-3	-0.2	-11.5	-19.3	-25.4	-31.5	-35.2	-46.3	-106	-20.9
FF-4	-0.2	-11.5	-19.3	-25.4	-31.5	-35.2	-46.2	-105.8	-20.9
FF-5	-0.2	-11.5	-19.3	-25.4	-31.4	-35.2	-46.1	-105.6	-20.8
FF-6	-0.1	-11.5	-19.2	-25.3	-31.4	-35.1	-46.1	-105.5	-20.8
FF-7	-0.1	-11.5	-19.2	-25.3	-31.4	-35.1	-46	-105.3	-20.8
FF-8	-0.1	-11.4	-19.2	-25.3	-31.4	-35.1	-46	-105.2	-20.8
FF-9	-0.1	-11.4	-19.2	-25.3	-31.4	-35.1	-45.9	-105	-20.8
FF-10	-0.1	-11.4	-19.2	-25.3	-31.3	-35	-45.9	-104.9	-20.8
PH-1	25.3	16.3	10.8	9.6	9.3	7	-2.5	-43	13.8
PH-2	25.6	16.5	11	9.6	9.3	6.9	-2.7	-43.4	13.7
PH-3	25.8	16.7	11.3	9.5	9.2	6.8	-2.9	-44	13.7
PH-4	26	16.9	11.5	9.4	9.1	6.7	-3.1	-44.5	13.7
PH-5	26.1	17.1	11.6	9.3	9	6.6	-3.2	-44.9	13.6
PH-6	26.3	17.2	11.8	9.3	8.9	6.5	-3.4	-45.3	13.6
PH-7	26.4	17.3	11.9	9.2	8.9	6.4	-3.6	-45.8	13.5
PH-8	26.5	17.5	12	9.1	8.8	6.3	-3.7	-46.2	13.5
PH-9	26.6	17.6	12.1	9.1	8.7	6.2	-3.9	-46.7	13.4
PH-10	26.7	17.7	12.2	9	8.6	6.1	-4.1	-47.2	13.4
PH-11	26.8	17.8	12.3	8.9	8.5	6.1	-4.3	-47.6	13.4
PH-12	26.9	17.9	12.4	8.9	8.5	6	-4.4	-48	13.3
PH-13	27	17.9	12.5	8.8	8.4	5.9	-4.6	-48.5	13.3
PH-14	27	18	12.6	8.8	8.3	5.8	-4.8	-49	13.2
PH-15	27.1	18.1	12.6	8.9	8.2	5.7	-4.9	-49.4	13.2
PH-16	27.2	18.1	12.7	9	8.2	5.6	-5.1	-49.9	13.2
PH-17	27.2	18.2	12.7	9	8.1	5.5	-5.3	-50.3	13.2
PH-18	27.2	18.2	12.8	9	8	5.4	-5.5	-50.8	13.1
PH-19	27.3	18.3	12.8	9.1	7.9	5.3	-5.6	-51.2	13.1
PH-20	27.3	18.3	12.8	9.1	7.9	5.2	-5.8	-51.7	13.1
PH-21	27.3	18.3	12.9	9.1	7.8	5.1	-5.9	-52	13.1
KIT-1	23.4	14.3	8.7	6.5	5.8	2.7	-10.6	-64.8	10.3
KIT-2	23.4	14.3	8.7	6.5	5.7	2.6	-10.8	-65.4	10.2
KIT-3	23.5	14.3	8.7	6.4	5.6	2.4	-11	-66.1	10.1
KIT-4	23.5	14.3	8.7	6.3	5.5	2.3	-11.2	-66.7	10.1
R24	36.9	27.8	24.1	23.2	22.8	20.4	10.5	-30.4	27.1
FF-1	1.1	-10.2	-17.8	-23.8	-29.6	-32.8	-41.5	-92.4	-19.3
FF-2	1.1	-10.2	-17.8	-23.8	-29.6	-32.8	-41.5	-92.3	-19.3
FF-3	1.1	-10.2	-17.8	-23.8	-29.6	-32.8	-41.4	-92.3	-19.3
FF-4	1.1	-10.1	-17.8	-23.8	-29.6	-32.8	-41.4	-92.2	-19.3
FF-5	1.1	-10.1	-17.8	-23.8	-29.5	-32.8	-41.4	-92.1	-19.3
FF-6	1.2	-10.1	-17.8	-23.7	-29.5	-32.8	-41.4	-92.1	-19.3
FF-7	1.2	-10.1	-17.8	-23.7	-29.5	-32.7	-41.3	-92	-19.3
FF-8	1.2	-10.1	-17.8	-23.7	-29.5	-32.7	-41.3	-91.9	-19.3
FF-9	1.2	-10.1	-17.8	-23.7	-29.5	-32.7	-41.3	-91.9	-19.3
FF-10	1.2	-10.1	-17.8	-23.7	-29.5	-32.7	-41.3	-91.8	-19.3
PH-1	25.8	16.8	11.3	10.1	9.9	7.7	-1.3	-39.9	14.4
PH-2	26	17	11.6	10.1	9.8	7.6	-1.5	-40.3	14.3
PH-3	26.3	17.2	11.8	10	9.7	7.5	-1.7	-40.9	14.3
PH-4	22	13	10.6	9.9	9.6	7.4	-1.9	-41.3	13.9
PH-5	22	13	10.5	9.8	9.6	7.3	-2.1	-41.8	13.8
PH-6	22	12.9	10.4	9.8	9.5	7.2	-2.2	-42.2	13.7
PH-7	21.9	12.9	10.4	9.7	9.4	7.1	-2.4	-42.6	13.6
PH-8	21.9	12.8	10.3	9.6	9.3	7	-2.6	-43.1	13.5
PH-9	21.8	12.7	10.2	9.6	9.2	6.9	-2.7	-43.6	13.5
PH-10	21.8	12.7	10.2	9.5	9.2	6.8	-2.9	-44	13.4
PH-11	21.8	12.7	10.1	9.4	9.1	6.7	-3.1	-44.4	13.3

PH-12	21.8	12.7	10.1	9.4	9	6.6	-3.2	-44.9	13.2
PH-13	21.7	12.6	10	9.3	8.9	6.5	-3.4	-45.3	13.1
PH-14	21.7	12.6	9.9	9.2	8.9	6.4	-3.6	-45.8	13
PH-15	21.7	12.5	9.9	9.1	8.8	6.3	-3.7	-46.2	13
PH-16	21.7	12.5	9.8	9.1	8.7	6.2	-3.9	-46.7	12.9
PH-17	21.6	12.5	9.7	9	8.6	6.2	-4.1	-47.1	12.8
PH-18	21.6	12.5	9.7	8.9	8.5	6.1	-4.3	-47.6	12.7
PH-19	21.6	12.4	9.6	8.9	8.5	6	-4.4	-48.1	12.6
PH-20	21.5	12.4	9.5	8.8	8.4	5.9	-4.6	-48.5	12.6
PH-21	21.5	12.3	9.5	8.7	8.3	5.8	-4.7	-48.9	12.5
KIT-1	24	14.9	9.4	7.6	7	4.1	-7.8	-57.2	11.4
KIT-2	24	14.9	9.4	7.5	6.9	4	-8.1	-57.8	11.3
KIT-3	24.1	14.9	9.4	7.4	6.7	3.9	-8.3	-58.6	11.2
KIT-4	24.1	14.9	9.4	7.3	6.7	3.7	-8.5	-59.2	11.2
R25	33.3	25.6	22.6	21.8	21.3	18.5	7	-40.1	25.4
FF-1	1.3	-10	-17.6	-23.6	-29.3	-32.5	-40.8	-90.5	-19.1
FF-2	1.3	-10	-17.6	-23.6	-29.3	-32.5	-40.8	-90.6	-19.1
FF-3	1.3	-10	-17.6	-23.6	-29.3	-32.5	-40.9	-90.6	-19.1
FF-4	1.3	-10	-17.6	-23.6	-29.3	-32.5	-40.9	-90.7	-19.1
FF-5	1.3	-10	-17.6	-23.6	-29.3	-32.5	-40.9	-90.7	-19.1
FF-6	1.3	-10	-17.6	-23.6	-29.3	-32.5	-40.9	-90.7	-19.1
FF-7	1.3	-10	-17.6	-23.6	-29.3	-32.5	-40.9	-90.8	-19.1
FF-8	1.3	-10	-17.6	-23.6	-29.3	-32.5	-40.9	-90.8	-19.2
FF-9	1.3	-10	-17.7	-23.6	-29.4	-32.5	-40.9	-90.8	-19.2
FF-10	1.3	-10	-17.7	-23.6	-29.4	-32.5	-41	-90.9	-19.2
PH-1	18.8	11.9	9.3	8.6	8.1	5.5	-5.2	-50.1	12.2
PH-2	18.7	11.8	9.3	8.5	8.1	5.5	-5.3	-50.4	12.2
PH-3	18.7	11.7	9.2	8.4	8	5.4	-5.5	-50.9	12.1
PH-4	18.7	11.7	9.2	8.4	7.9	5.3	-5.7	-51.3	12
PH-5	18.7	11.6	9.1	8.3	7.9	5.2	-5.8	-51.7	12
PH-6	18.7	11.6	9.1	8.3	7.8	5.1	-5.9	-52.1	11.9
PH-7	18.7	11.6	9	8.2	7.7	5.1	-6.1	-52.5	11.8
PH-8	18.6	11.5	9	8.2	7.7	5	-6.2	-52.9	11.8
PH-9	18.6	11.4	8.9	8.1	7.6	4.9	-6.4	-53.3	11.7
PH-10	18.6	11.4	8.8	8	7.5	4.8	-6.5	-53.7	11.6
PH-11	18.5	11.4	8.8	8	7.5	4.7	-6.7	-54.1	11.6
PH-12	18.5	11.3	8.7	7.9	7.4	4.7	-6.8	-54.4	11.5
PH-13	18.5	11.3	8.7	7.9	7.3	4.6	-7	-54.9	11.4
PH-14	18.5	11.2	8.6	7.8	7.3	4.5	-7.1	-55.3	11.4
PH-15	18.4	11.2	8.6	7.8	7.2	4.4	-7.2	-55.6	11.3
PH-16	18.4	11.1	8.5	7.7	7.1	4.3	-7.4	-56.1	11.2
PH-17	18.4	11.1	8.5	7.7	7.1	4.3	-7.5	-56.5	11.2
PH-18	18.4	11	8.4	7.6	7	4.2	-7.7	-56.9	11.1
PH-19	18.3	11	8.4	7.5	6.9	4.1	-7.9	-57.3	11
PH-20	18.3	10.9	8.3	7.5	6.9	4	-8	-57.7	11
PH-21	18.2	10.9	8.3	7.4	6.8	4	-8.1	-58	10.9
KIT-1	21.9	12.7	7.8	6.9	6.2	3.2	-9.6	-62.2	10.4
KIT-2	21.9	12.7	7.7	6.8	6.1	3	-9.9	-62.8	10.3
KIT-3	21.8	12.6	7.6	6.7	6	2.9	-10.1	-63.5	10.2
KIT-4	21.7	12.5	7.6	6.6	5.9	2.8	-10.3	-64.1	10.1
R26	58.5	52.4	50.1	49.9	50.4	49.5	46.5	30.7	55.4
FF-1	3.1	-8.2	-15.7	-21.5	-26.9	-29.5	-35.2	-75.2	-17.1
FF-2	3.1	-8.1	-15.6	-21.4	-26.8	-29.4	-35.1	-74.8	-17
FF-3	3.2	-8.1	-15.6	-21.3	-26.8	-29.3	-35	-74.5	-17
FF-4	3.2	-8	-15.5	-21.3	-26.7	-29.2	-34.8	-74.1	-16.9
FF-5	3.3	-8	-15.5	-21.2	-26.6	-29.2	-34.6	-73.6	-16.8
FF-6	3.3	-7.9	-15.4	-21.2	-26.6	-29.1	-34.5	-73.2	-16.8
FF-7	3.4	-7.8	-15.4	-21.1	-26.5	-29	-34.3	-72.8	-16.7
FF-8	3.4	-7.8	-15.3	-21	-26.4	-28.9	-34.2	-72.4	-16.6
FF-9	3.5	-7.7	-15.2	-21	-26.3	-28.8	-34	-72	-16.6
FF-10	3.5	-7.7	-15.2	-20.9	-26.3	-28.7	-33.9	-71.6	-16.5

PH-1	36.1	27.2	22.1	18.9	19.4	18.6	15.6	-0.4	24.9
PH-2	35.1	26.2	21.1	19	19.5	18.6	15.6	-0.3	24.8
PH-3	35.2	26.2	21.1	19	19.5	18.6	15.6	-0.2	24.9
PH-4	35.2	26.3	21.1	19	19.5	18.7	15.7	-0.2	24.9
PH-5	35.2	26.3	21.1	19	19.6	18.7	15.7	-0.1	24.9
PH-6	35.2	26.3	21.1	19.1	19.6	18.7	15.8	0	24.9
PH-7	35.2	26.3	21.1	19.1	19.6	18.7	15.8	0	24.9
PH-8	35.2	26.3	21.2	19.1	19.6	18.7	15.8	0.1	25
PH-9	35.2	26.3	21.2	19.1	19.6	18.7	15.8	0.1	25
PH-10	47.6	41.5	39.3	39.1	39.6	38.7	35.8	20.1	44.7
PH-11	47.6	41.5	39.3	39.1	39.6	38.7	35.8	20.1	44.7
PH-12	47.6	41.5	39.3	39.1	39.6	38.7	35.8	20.1	44.7
PH-13	47.6	41.5	39.3	39.1	39.6	38.7	35.8	20	44.7
PH-14	47.6	41.5	39.3	39.1	39.6	38.7	35.8	20	44.7
PH-15	47.6	41.5	39.3	39.1	39.6	38.7	35.7	20	44.6
PH-16	47.5	41.5	39.3	39	39.5	38.7	35.7	19.9	44.6
PH-17	47.5	41.5	39.3	39	39.5	38.7	35.7	19.8	44.6
PH-18	47.5	41.4	39.2	39	39.5	38.6	35.6	19.8	44.6
PH-19	47.5	41.4	39.2	39	39.5	38.6	35.6	19.7	44.5
PH-20	47.4	41.4	39.2	38.9	39.4	38.6	35.6	19.6	44.5
PH-21	47.4	41.3	39.2	38.9	39.4	38.5	35.5	19.5	44.5
KIT-1	26.2	17.1	14.3	13.9	14	12.5	6.6	-20	18.6
KIT-2	26.1	17.1	14.3	13.8	14	12.4	6.5	-20.3	18.5
KIT-3	26.1	17.1	14.2	13.7	13.9	12.4	6.4	-20.6	18.4
KIT-4	26.1	17	14.1	13.7	13.8	12.3	6.3	-20.9	18.4
NokiaTheater	49.2	38.4	32.1	28.7	27	25.6	25.8	22.4	34
FF-1	40.5	29.5	22.4	17.3	13.1	12.7	17.1	15.2	23.7
FF-2	40.1	29.1	22	16.9	12.7	12.4	16.7	14.5	23.3
FF-3	39.8	28.7	21.7	16.5	12.3	12	16.2	13.8	22.8
FF-4	39.4	28.4	21.3	16.2	11.9	11.5	15.7	13	22.4
FF-5	39	28	20.9	15.8	11.5	11.1	15.2	12.2	21.9
FF-6	38.7	27.6	20.6	15.4	11.2	10.8	14.8	11.5	21.5
FF-7	38.3	27.3	20.2	15	10.8	10.3	14.3	10.7	21.1
FF-8	38	27	19.9	14.8	10.5	10	13.9	10	20.7
FF-9	37.7	26.7	19.6	14.4	10.1	9.7	13.5	9.3	20.3
FF-10	37.4	26.3	19.2	14.1	9.8	9.3	13	8.5	20
PH-1	19.7	13.5	11.1	10.4	10.2	8.1	-0.6	-38.1	14.5
PH-2	19.7	13.5	11.1	10.5	10.3	8.1	-0.6	-37.9	14.5
PH-3	19.8	13.6	11.1	10.5	10.3	8.2	-0.5	-37.7	14.6
PH-4	19.8	13.6	11.2	10.5	10.4	8.2	-0.4	-37.5	14.6
PH-5	19.8	13.6	11.2	10.6	10.4	8.3	-0.4	-37.4	14.6
PH-6	19.8	13.7	11.2	10.6	10.4	8.3	-0.3	-37.2	14.7
PH-7	19.9	13.7	11.2	10.6	10.4	8.3	-0.2	-37	14.7
PH-8	19.9	13.7	11.3	10.7	10.5	8.4	-0.2	-36.9	14.7
PH-9	19.9	13.7	11.3	10.7	10.5	8.4	-0.1	-36.7	14.8
PH-10	19.9	13.8	11.3	10.7	10.5	8.5	0	-36.5	14.8
PH-11	20	13.8	11.4	10.7	10.6	8.5	0	-36.4	14.8
PH-12	20	13.8	11.4	10.8	10.6	8.5	0.1	-36.2	14.9
PH-13	20	13.8	11.4	10.8	10.6	8.6	0.2	-36	14.9
PH-14	20	13.9	11.4	10.8	10.7	8.6	0.2	-35.9	14.9
PH-15	20.1	13.9	11.5	10.8	10.7	8.6	0.3	-35.7	15
PH-16	20.1	13.9	11.5	10.9	10.7	8.7	0.3	-35.6	15
PH-17	20.1	13.9	11.5	10.9	10.8	8.7	0.4	-35.5	15
PH-18	20.1	13.9	11.5	10.9	10.8	8.7	0.4	-35.3	15
PH-19	20.1	14	11.5	10.9	10.8	8.8	0.5	-35.2	15.1
PH-20	20.2	14	11.6	11	10.8	8.8	0.5	-35	15.1
PH-21	22.4	14	11.6	11	10.9	8.8	0.6	-34.9	15.1
KIT-1	23.3	17.2	14.9	14.4	14.6	13.2	7.7	-17.5	19.2
KIT-2	23.3	17.2	14.9	14.5	14.7	13.2	7.8	-17.4	19.2
KIT-3	23.4	17.2	14.9	14.5	14.7	13.3	7.8	-17.3	19.3
KIT-4	23.3	17.2	14.9	14.5	14.7	13.3	7.9	-17.2	19.3

Ritz-Flr1	34.1	27	24.3	23.6	23.3	21.1	12.1	-13.4	27.6
FF-1	17.9	3.9	-4.6	-9.9	-14.3	-15.1	-12.6	-21.7	-3.4
FF-2	17.8	3.8	-4.8	-10	-14.5	-15.3	-12.8	-22.2	-3.5
FF-3	17.7	3.7	-5	-10.2	-14.7	-15.5	-13.1	-22.7	-3.7
FF-4	17.5	3.5	-5.2	-10.4	-14.9	-15.7	-13.4	-23.3	-3.9
FF-5	17.3	3.3	-5.4	-10.6	-15.1	-15.9	-13.7	-24	-4.1
FF-6	17.2	3.2	-5.5	-10.8	-15.2	-16.1	-14	-24.5	-4.3
FF-7	17	3	-5.7	-11	-15.5	-16.3	-14.3	-25.1	-4.5
FF-8	16.9	2.9	-5.9	-11.1	-15.6	-16.5	-14.5	-25.6	-4.7
FF-9	16.8	2.8	-6	-11.3	-15.8	-16.7	-14.8	-26.2	-4.8
FF-10	16.6	2.6	-6.2	-11.5	-16	-16.9	-15.1	-26.8	-5
PH-1	18.3	12.1	9.6	8.8	8.4	5.9	-4.6	-48.4	12.5
PH-2	18.3	12.1	9.6	8.8	8.4	5.9	-4.5	-48.3	12.6
PH-3	18.3	12.1	9.6	8.9	8.5	6	-4.5	-48.1	12.6
PH-4	18.4	12.1	9.6	8.9	8.5	6	-4.4	-48	12.6
PH-5	18.4	12.1	9.6	8.9	8.5	6	-4.4	-47.8	12.6
PH-6	18.4	12.2	9.6	8.9	8.5	6	-4.3	-47.7	12.7
PH-7	18.4	12.2	9.7	8.9	8.5	6.1	-4.3	-47.6	12.7
PH-8	18.4	12.2	9.7	9	8.6	6.1	-4.2	-47.4	12.7
PH-9	18.4	12.2	9.7	9	8.6	6.1	-4.1	-47.3	12.7
PH-10	18.5	12.2	9.7	9	8.6	6.1	-4.1	-47.2	12.8
PH-11	18.5	12.2	9.7	9	8.6	6.2	-4.1	-47.1	12.8
PH-12	18.5	12.3	9.8	9	8.7	6.2	-4	-46.9	12.8
PH-13	18.5	12.3	9.8	9.1	8.7	6.2	-4	-46.8	12.8
PH-14	18.5	12.3	9.8	9.1	8.7	6.2	-3.9	-46.7	12.8
PH-15	18.5	12.3	9.8	9.1	8.7	6.3	-3.9	-46.6	12.9
PH-16	18.5	12.3	9.8	9.1	8.7	6.3	-3.8	-46.5	12.9
PH-17	18.6	12.3	9.8	9.1	8.8	6.3	-3.8	-46.4	12.9
PH-18	18.6	12.4	9.9	9.1	8.8	6.3	-3.8	-46.3	12.9
PH-19	18.6	12.4	9.9	9.2	8.8	6.4	-3.7	-46.1	12.9
PH-20	18.6	12.4	9.9	9.2	8.8	6.4	-3.7	-46.1	13
PH-21	18.6	12.4	9.9	9.2	8.8	6.4	-3.6	-46	13
KIT-1	21.3	14.9	12.5	12	11.9	10.1	2.7	-29.5	16.3
KIT-2	21.3	14.9	12.5	12	11.9	10.1	2.8	-29.5	16.3
KIT-3	21.3	14.9	12.5	12	12	10.1	2.8	-29.5	16.3
KIT-4	21.2	14.9	12.5	12	12	10.1	2.8	-29.4	16.3
Ritz-Flr27	42.4	32.1	26.8	24.6	23.6	21.4	16.1	2.2	28.7
FF-1	32.3	21.2	14	8.8	4.3	3.4	5.3	-6	13.9
FF-2	32.2	21.1	13.9	8.6	4.1	3.2	5.1	-6.4	13.7
FF-3	32	21	13.8	8.5	4	3.1	4.9	-6.8	13.6
FF-4	31.9	20.8	13.6	8.4	3.8	2.9	4.6	-7.3	13.4
FF-5	31.8	20.7	13.5	8.2	3.7	2.7	4.4	-7.8	13.2
FF-6	31.6	20.6	13.4	8.1	3.5	2.6	4.2	-8.3	13.1
FF-7	31.5	20.4	13.2	7.9	3.4	2.4	3.9	-8.8	12.9
FF-8	31.4	20.3	13.1	7.8	3.2	2.2	3.7	-9.3	12.8
FF-9	31.2	20.1	12.9	7.6	3.1	2.1	3.5	-9.8	12.6
FF-10	31.1	20	12.8	7.5	2.9	1.9	3.2	-10.3	12.4
PH-1	18.8	11.9	9.4	8.7	8.2	5.7	-5	-49.4	12.4
PH-2	18.9	12	9.4	8.7	8.3	5.7	-4.9	-49.3	12.4
PH-3	18.9	12	9.5	8.7	8.3	5.7	-4.8	-49.1	12.4
PH-4	18.9	12	9.5	8.7	8.3	5.8	-4.8	-49	12.4
PH-5	19	12	9.5	8.7	8.3	5.8	-4.7	-48.9	12.5
PH-6	19	12	9.5	8.8	8.3	5.8	-4.7	-48.7	12.5
PH-7	19	12	9.5	8.8	8.4	5.8	-4.6	-48.6	12.5
PH-8	19	12.1	9.5	8.8	8.4	5.9	-4.6	-48.5	12.5
PH-9	19	12.1	9.6	8.8	8.4	5.9	-4.5	-48.3	12.6
PH-10	19.1	12.1	9.6	8.8	8.4	5.9	-4.5	-48.2	12.6
PH-11	19.1	12.1	9.6	8.9	8.5	5.9	-4.5	-48.1	12.6
PH-12	19.1	12.1	9.6	8.9	8.5	6	-4.4	-48	12.6
PH-13	19.1	12.1	9.6	8.9	8.5	6	-4.4	-47.9	12.6
PH-14	19.1	12.2	9.6	8.9	8.5	6	-4.3	-47.7	12.7
PH-15	19.1	12.2	9.7	8.9	8.5	6	-4.3	-47.6	12.7

PH-16	19.2	12.2	9.7	8.9	8.6	6.1	-4.2	-47.5	12.7
PH-17	19.2	12.2	9.7	9	8.6	6.1	-4.2	-47.4	12.7
PH-18	19.2	12.2	9.7	9	8.6	6.1	-4.2	-47.3	12.7
PH-19	19.2	12.2	9.7	9	8.6	6.1	-4.1	-47.2	12.8
PH-20	19.2	12.2	9.7	9	8.6	6.2	-4.1	-47.1	12.8
PH-21	19.2	12.3	9.7	9	8.6	6.2	-4	-47	12.8
KIT-1	23.6	14.6	12.2	11.7	11.6	9.7	2.1	-31.1	16
KIT-2	23.6	14.6	12.2	11.7	11.6	9.7	2.1	-31.1	16
KIT-3	23.6	14.6	12.2	11.7	11.6	9.7	2.1	-31	16
KIT-4	23.5	14.6	12.3	11.7	11.6	9.7	2.2	-31	16
Ritz-Flr54	41.1	30.8	25.6	23.6	22.8	20.4	13.1	-6.8	27.7
FF-1	29.8	18.7	11.5	6.1	1.5	0.3	0.8	-15.4	10.9
FF-2	29.8	18.6	11.4	6	1.4	0.2	0.7	-15.7	10.8
FF-3	29.7	18.6	11.3	6	1.3	0.1	0.6	-16	10.8
FF-4	29.6	18.5	11.2	5.9	1.2	0	0.4	-16.4	10.7
FF-5	29.5	18.4	11.1	5.8	1.1	-0.1	0.2	-16.8	10.6
FF-6	29.4	18.3	11.1	5.7	1	-0.2	0.1	-17.1	10.5
FF-7	29.3	18.2	11	5.6	0.9	-0.4	-0.1	-17.5	10.4
FF-8	29.3	18.2	10.9	5.5	0.8	-0.4	-0.2	-17.8	10.3
FF-9	29.2	18.1	10.8	5.4	0.7	-0.6	-0.4	-18.2	10.2
FF-10	29.1	18	10.7	5.3	0.6	-0.7	-0.6	-18.6	10.1
PH-1	19.9	11.5	9	8.2	7.7	5	-6.1	-52.5	11.8
PH-2	19.9	11.6	9	8.2	7.7	5.1	-6.1	-52.4	11.9
PH-3	19.9	11.6	9	8.2	7.8	5.1	-6	-52.2	11.9
PH-4	19.9	11.6	9.1	8.3	7.8	5.1	-5.9	-52.1	11.9
PH-5	20	11.6	9.1	8.3	7.8	5.2	-5.9	-52	11.9
PH-6	20.1	11.6	9.1	8.3	7.8	5.2	-5.9	-51.9	12
PH-7	20.1	11.6	9.1	8.3	7.8	5.2	-5.8	-51.7	12
PH-8	20.1	11.7	9.1	8.3	7.9	5.2	-5.8	-51.6	12
PH-9	20.1	11.7	9.1	8.4	7.9	5.3	-5.7	-51.5	12
PH-10	20.1	11.7	9.2	8.4	7.9	5.3	-5.7	-51.4	12
PH-11	20.1	11.7	9.2	8.4	7.9	5.3	-5.6	-51.3	12.1
PH-12	20.2	11.7	9.2	8.4	7.9	5.3	-5.6	-51.2	12.1
PH-13	20.1	11.7	9.2	8.4	8	5.4	-5.5	-51	12.1
PH-14	20.2	11.7	9.2	8.4	8	5.4	-5.5	-50.9	12.1
PH-15	20.2	11.8	9.2	8.5	8	5.4	-5.5	-50.8	12.1
PH-16	20.2	11.8	9.2	8.5	8	5.4	-5.4	-50.7	12.2
PH-17	20.2	11.8	9.3	8.5	8	5.4	-5.4	-50.6	12.2
PH-18	20.3	11.8	9.3	8.5	8.1	5.5	-5.4	-50.5	12.2
PH-19	20.3	11.8	9.3	8.5	8.1	5.5	-5.3	-50.4	12.2
PH-20	20.3	11.8	9.3	8.5	8.1	5.5	-5.3	-50.3	12.2
PH-21	20.3	11.8	9.3	8.5	8.1	5.5	-5.2	-50.2	12.2
KIT-1	26.4	17.3	11.9	10.9	10.7	8.7	0.4	-35.5	15.2
KIT-2	26.4	17.3	11.9	10.9	10.7	8.7	0.4	-35.5	15.2
KIT-3	26.3	17.3	11.9	10.9	10.8	8.7	0.4	-35.4	15.2
KIT-4	26.2	17.1	11.7	10.9	10.8	8.7	0.4	-35.4	15.2
R6	36.8	29.5	26.6	26.1	26.1	24.3	17.1	-13.7	30.5
FF-1	3.9	-7.3	-14.8	-20.5	-25.8	-28.2	-32.9	-69	-16.1
FF-2	3.9	-7.3	-14.8	-20.5	-25.8	-28.2	-32.9	-69	-16.1
FF-3	3.9	-7.3	-14.8	-20.5	-25.8	-28.2	-32.9	-68.9	-16.1
FF-4	3.9	-7.3	-14.8	-20.5	-25.8	-28.2	-32.9	-68.9	-16.1
FF-5	3.9	-7.3	-14.8	-20.5	-25.8	-28.1	-32.8	-68.8	-16.1
FF-6	3.9	-7.3	-14.8	-20.5	-25.8	-28.1	-32.8	-68.8	-16.1
FF-7	3.9	-7.3	-14.8	-20.5	-25.8	-28.1	-32.8	-68.7	-16.1
FF-8	3.9	-7.3	-14.8	-20.5	-25.8	-28.1	-32.8	-68.7	-16.1
FF-9	3.9	-7.3	-14.8	-20.5	-25.8	-28.1	-32.8	-68.6	-16.1
FF-10	3.9	-7.3	-14.8	-20.5	-25.8	-28.1	-32.8	-68.6	-16.1
PH-1	22.4	15.9	13.6	13.1	13.2	11.6	5.2	-23.6	17.7
PH-2	22.3	15.9	13.5	13.1	13.1	11.5	5	-23.9	17.6
PH-3	22.3	15.8	13.4	13	13	11.4	4.8	-24.4	17.5
PH-4	22.2	15.7	13.4	12.9	12.9	11.3	4.6	-24.9	17.4

PH-5	22.2	15.6	13.3	12.8	12.8	11.2	4.5	-25.3	17.3
PH-6	22.2	15.6	13.2	12.7	12.8	11.1	4.3	-25.6	17.2
PH-7	22.1	15.5	13.1	12.6	12.7	11	4.2	-26	17.1
PH-8	22.1	15.4	13.1	12.6	12.6	10.9	4	-26.4	17
PH-9	22	15.3	13	12.5	12.5	10.7	3.8	-26.9	16.9
PH-10	22	15.3	12.9	12.4	12.4	10.6	3.6	-27.3	16.8
PH-11	22	15.2	12.8	12.3	12.3	10.6	3.5	-27.7	16.7
PH-12	21.9	15.1	12.8	12.2	12.2	10.5	3.3	-28.1	16.6
PH-13	21.8	15.1	12.7	12.2	12.2	10.4	3.2	-28.5	16.5
PH-14	21.8	15	12.6	12.1	12.1	10.2	3	-28.9	16.4
PH-15	21.8	14.9	12.5	12	12	10.2	2.8	-29.3	16.3
PH-16	21.7	14.8	12.5	11.9	11.9	10	2.6	-29.8	16.2
PH-17	21.7	14.8	12.4	11.8	11.8	9.9	2.5	-30.2	16.2
PH-18	21.7	14.7	12.3	11.8	11.7	9.8	2.3	-30.6	16
PH-19	21.6	14.6	12.2	11.7	11.6	9.7	2.1	-31	16
PH-20	21.6	14.6	12.2	11.6	11.6	9.6	2	-31.4	15.9
PH-21	21.5	14.5	12.1	11.5	11.5	9.6	1.8	-31.8	15.8
KIT-1	25.8	16.7	11.3	10.7	10.6	8.5	0	-36.5	15
KIT-2	25.7	16.6	11.2	10.6	10.4	8.3	-0.3	-37.2	14.8
KIT-3	25.7	16.6	11.2	10.5	10.3	8.1	-0.6	-37.9	14.7
KIT-4	25.6	16.5	11.1	10.4	10.2	8	-0.8	-38.5	14.6
R7	33.8	27.4	25	24.3	24.1	21.9	13.1	-23.9	28.3
FF-1	7.8	-3.3	-10.6	-16.1	-20.9	-22.4	-23.2	-44.7	-11.4
FF-2	7.8	-3.3	-10.7	-16.1	-20.9	-22.4	-23.3	-44.9	-11.5
FF-3	7.7	-3.4	-10.7	-16.2	-21	-22.5	-23.4	-45.1	-11.5
FF-4	7.7	-3.4	-10.8	-16.2	-21.1	-22.6	-23.5	-45.4	-11.6
FF-5	7.6	-3.5	-10.8	-16.3	-21.1	-22.6	-23.6	-45.7	-11.7
FF-6	7.6	-3.5	-10.9	-16.3	-21.2	-22.7	-23.7	-45.9	-11.7
FF-7	7.5	-3.6	-10.9	-16.4	-21.2	-22.8	-23.8	-46.2	-11.8
FF-8	7.5	-3.6	-11	-16.4	-21.3	-22.8	-23.9	-46.4	-11.8
FF-9	7.4	-3.7	-11	-16.5	-21.4	-22.9	-24	-46.7	-11.9
FF-10	7.4	-3.8	-11.1	-16.5	-21.4	-23	-24.2	-47	-12
PH-1	19.6	13.5	11	10.4	10.2	8	-0.8	-38.5	14.4
PH-2	19.6	13.4	11	10.4	10.1	8	-0.8	-38.6	14.4
PH-3	19.6	13.4	11	10.3	10.1	8	-0.9	-38.8	14.3
PH-4	19.6	13.4	11	10.3	10.1	7.9	-1	-38.9	14.3
PH-5	19.6	13.4	10.9	10.3	10.1	7.9	-1	-39	14.3
PH-6	19.6	13.4	10.9	10.3	10	7.9	-1.1	-39.2	14.3
PH-7	19.5	13.3	10.9	10.2	10	7.8	-1.1	-39.3	14.2
PH-8	19.5	13.3	10.9	10.2	10	7.8	-1.1	-39.4	14.2
PH-9	19.5	13.3	10.8	10.2	10	7.8	-1.2	-39.6	14.2
PH-10	19.5	13.3	10.8	10.2	10	7.7	-1.3	-39.7	14.2
PH-11	19.5	13.3	10.8	10.2	9.9	7.7	-1.3	-39.8	14.1
PH-12	19.4	13.2	10.8	10.1	9.9	7.7	-1.4	-40	14.1
PH-13	19.4	13.2	10.8	10.1	9.9	7.7	-1.4	-40.1	14.1
PH-14	19.4	13.2	10.7	10.1	9.8	7.6	-1.5	-40.3	14
PH-15	19.4	13.2	10.7	10.1	9.8	7.6	-1.5	-40.4	14
PH-16	19.3	13.1	10.7	10	9.8	7.6	-1.6	-40.6	14
PH-17	19.3	13.1	10.7	10	9.8	7.5	-1.7	-40.7	14
PH-18	19.3	13.1	10.6	10	9.7	7.5	-1.7	-40.9	13.9
PH-19	19.3	13.1	10.6	9.9	9.7	7.4	-1.8	-41.1	13.9
PH-20	19.3	13.1	10.6	9.9	9.7	7.4	-1.9	-41.2	13.9
PH-21	19.2	13	10.6	9.9	9.6	7.4	-1.9	-41.4	13.8
KIT-1	20.4	14.3	11.9	11.3	11.2	9.2	1.2	-33.3	15.5
KIT-2	20.4	14.2	11.8	11.2	11.1	9.1	1.1	-33.8	15.4
KIT-3	21.2	14.1	11.7	11.1	11	9	0.9	-34.2	15.3
KIT-4	21.1	14.1	11.6	11	10.9	8.9	0.7	-34.6	15.2
R6c	31.9	25.6	23	22.2	21.7	19.1	8	-38	25.8
FF-1	3.8	-7.5	-15	-20.7	-26	-28.4	-33.3	-69.9	-16.3
FF-2	3.7	-7.5	-15	-20.7	-26	-28.4	-33.3	-70.1	-16.3
FF-3	3.7	-7.5	-15	-20.7	-26	-28.5	-33.4	-70.2	-16.3

FF-4	3.7	-7.5	-15	-20.7	-26.1	-28.5	-33.4	-70.4	-16.3
FF-5	3.7	-7.6	-15.1	-20.8	-26.1	-28.5	-33.5	-70.6	-16.4
FF-6	3.6	-7.6	-15.1	-20.8	-26.1	-28.6	-33.6	-70.8	-16.4
FF-7	3.6	-7.6	-15.1	-20.8	-26.2	-28.6	-33.7	-71	-16.4
FF-8	3.6	-7.6	-15.1	-20.9	-26.2	-28.6	-33.7	-71.2	-16.5
FF-9	3.6	-7.7	-15.2	-20.9	-26.2	-28.7	-33.8	-71.4	-16.5
FF-10	3.5	-7.7	-15.2	-20.9	-26.3	-28.7	-33.9	-71.6	-16.5
PH-1	18.2	11.9	9.4	8.6	8.2	5.7	-5	-49.5	12.3
PH-2	18.1	11.9	9.4	8.6	8.2	5.6	-5.1	-49.7	12.3
PH-3	18.1	11.9	9.3	8.6	8.1	5.5	-5.2	-50.1	12.2
PH-4	18.1	11.8	9.3	8.5	8.1	5.5	-5.3	-50.3	12.2
PH-5	18	11.8	9.3	8.5	8	5.4	-5.4	-50.6	12.1
PH-6	18	11.8	9.2	8.4	8	5.4	-5.5	-50.8	12.1
PH-7	18	11.7	9.2	8.4	8	5.3	-5.6	-51.1	12.1
PH-8	17.9	11.7	9.2	8.4	7.9	5.3	-5.7	-51.4	12
PH-9	17.9	11.7	9.1	8.3	7.9	5.2	-5.8	-51.7	12
PH-10	17.9	11.6	9.1	8.3	7.8	5.2	-5.9	-51.9	11.9
PH-11	17.8	11.6	9	8.3	7.8	5.1	-6	-52.2	11.9
PH-12	17.8	11.6	9	8.2	7.7	5.1	-6.1	-52.4	11.8
PH-13	17.8	11.5	9	8.2	7.7	5	-6.2	-52.7	11.8
PH-14	17.7	11.5	8.9	8.1	7.6	4.9	-6.3	-53	11.7
PH-15	17.7	11.5	8.9	8.1	7.6	4.9	-6.4	-53.3	11.7
PH-16	17.7	11.4	8.9	8.1	7.5	4.8	-6.5	-53.6	11.6
PH-17	17.6	11.4	8.8	8	7.5	4.8	-6.6	-53.8	11.6
PH-18	17.6	11.3	8.8	8	7.5	4.7	-6.7	-54.2	11.5
PH-19	17.6	11.3	8.7	7.9	7.4	4.7	-6.8	-54.4	11.5
PH-20	17.5	11.3	8.7	7.9	7.4	4.6	-6.9	-54.7	11.4
PH-21	17.5	11.2	8.7	7.9	7.3	4.6	-7	-54.9	11.4
KIT-1	17.8	11.6	9.1	8.3	7.8	5.1	-5.9	-52	11.9
KIT-2	17.8	11.5	9	8.2	7.7	5	-6.1	-52.6	11.8
KIT-3	17.7	11.5	8.9	8.1	7.6	4.9	-6.4	-53.2	11.7
KIT-4	17.6	11.4	8.8	8	7.5	4.8	-6.5	-53.7	11.6

Outdoor Noise Prediction Model, Version 2.0 (Sean K. Bui), January 1, 2006

Client: Matrix Environmental
 Description: LA Convention Modernization & Farmers Field
 AES Job No: 2011113
 Consultant: skb
 Date: 9/13/2011
 Source: **Loading - Lmax**

Description	63	125	250	500	1000	2000	4000	8000 dBA	
R1	40.2	34.9	29.4	32	30.9	35.9	32.5	21.9	39.9
FF-1	30.5	24.5	17.3	17.1	12.6	18.9	22.3	14.1	26
FF-2	30.4	24.3	17.1	16.9	12.5	18.7	22.1	13.6	25.7
FF-3	30.2	24.1	17	16.7	12.3	18.5	21.8	13	25.5
FF-4	30	23.9	16.8	16.5	12.1	18.2	21.5	12.4	25.2
FF-5	29.8	23.7	16.6	16.3	11.9	18	21.2	11.8	24.9
FF-6	29.7	23.6	16.4	16.2	11.7	17.8	20.9	11.3	24.7
FF-7	29.5	23.4	16.2	16	11.5	17.6	20.6	10.7	24.4
FF-8	29.3	23.3	16.1	15.8	11.3	17.4	20.4	10.2	24.2
FF-9	29.2	23.1	15.9	15.6	11.1	17.2	20.1	9.6	23.9
FF-10	29	22.9	15.7	15.4	10.9	17	19.8	9	23.7
PH-1	15.3	14.1	11.6	15.8	15.4	19.9	10.5	-32.2	23
PH-2	15.3	14.1	11.6	15.9	15.5	20	10.6	-32	23
PH-3	15.4	14.1	11.6	15.9	15.5	20	10.6	-31.9	23.1
PH-4	15.4	14.2	11.6	15.9	15.5	20	10.7	-31.7	23.1
PH-5	15.4	14.2	11.7	15.9	15.5	20	10.7	-31.6	23.1
PH-6	15.4	14.2	11.7	15.9	15.6	20.1	10.8	-31.5	23.2
PH-7	15.4	14.2	11.7	16	15.6	20.1	10.8	-31.4	23.2
PH-8	15.4	14.2	11.7	16	15.6	20.1	10.9	-31.3	23.2
PH-9	15.5	14.2	11.7	16	15.6	20.2	10.9	-31.1	23.2
PH-10	15.5	14.3	11.8	16	15.6	20.2	11	-31	23.3
PH-11	15.5	14.3	11.8	16	15.7	20.2	11	-30.9	23.3
PH-12	15.5	14.3	11.8	16.1	15.7	20.2	11	-30.8	23.3
PH-13	15.5	14.3	11.8	16.1	15.7	20.3	11.1	-30.6	23.3
PH-14	15.5	14.3	11.8	16.1	15.7	20.3	11.1	-30.5	23.4
PH-15	15.6	14.3	11.8	16.1	15.7	20.3	11.2	-30.4	23.4
PH-16	15.6	14.3	11.8	16.1	15.8	20.3	11.2	-30.3	23.4
PH-17	15.6	14.4	11.9	16.1	15.8	20.3	11.3	-30.2	23.4
PH-18	15.6	14.4	11.9	16.2	15.8	20.4	11.3	-30.1	23.4
PH-19	15.6	14.4	11.9	16.2	15.8	20.4	11.3	-30	23.5
PH-20	15.6	14.4	11.9	16.2	15.8	20.4	11.4	-29.9	23.5
PH-21	15.6	14.4	11.9	16.2	15.8	20.4	11.4	-29.8	23.5
KIT-1	18.2	16.9	14.5	19	18.9	24.1	17.7	-13.5	27.3
KIT-2	18.2	16.9	14.5	19	18.9	24.1	17.7	-13.5	27.3
KIT-3	18.2	16.9	14.5	19	18.9	24.1	17.8	-13.5	27.3
KIT-4	18.2	16.9	14.5	19	19	24.1	17.8	-13.4	27.3
R2	39.1	35.1	31.8	36.1	36.3	42	38.5	20.4	45.6
FF-1	24.9	18.8	11.5	11	6.2	11.7	12	-8.3	17.3
FF-2	25	18.9	11.5	11.1	6.3	11.8	12.1	-7.9	17.5
FF-3	25.1	18.9	11.6	11.2	6.4	11.9	12.3	-7.5	17.6
FF-4	25.2	19	11.7	11.3	6.5	12.1	12.5	-7	17.8
FF-5	25.3	19.1	11.8	11.4	6.6	12.2	12.7	-6.5	17.9
FF-6	25.4	19.2	11.9	11.5	6.7	12.3	12.9	-6.1	18.1
FF-7	25.5	19.3	12.1	11.6	6.9	12.5	13.1	-5.6	18.2
FF-8	25.6	19.4	12.1	11.7	7	12.6	13.3	-5.1	18.4
FF-9	25.7	19.5	12.3	11.9	7.1	12.7	13.5	-4.6	18.5
FF-10	25.8	19.6	12.4	12	7.2	12.9	13.8	-4.1	18.7
PH-1	22.3	18.2	15.3	19.8	19.9	25.2	19.6	-9	28.5
PH-2	22.3	18.2	15.4	19.9	20	25.3	19.7	-8.6	28.6
PH-3	22.4	18.3	15.5	20	20.1	25.5	20	-8	28.7
PH-4	22.5	18.4	15.6	20.1	20.2	25.6	20.2	-7.5	28.9
PH-5	22.6	18.5	15.7	20.2	20.3	25.7	20.4	-7.1	29
PH-6	22.6	18.6	15.8	20.3	20.4	25.8	20.6	-6.6	29.1

PH-7	22.7	18.6	15.9	20.4	20.5	26	20.8	-6.2	29.3
PH-8	22.7	18.7	16	20.5	20.6	26.1	21	-5.7	29.4
PH-9	22.8	18.7	16.1	20.6	20.8	26.2	21.2	-5.1	29.5
PH-10	22.8	18.8	16.2	20.7	20.9	26.3	21.4	-4.7	29.7
PH-11	22.9	18.8	16.3	20.8	21	26.5	21.6	-4.2	29.8
PH-12	23.3	19.2	16.4	20.9	21.1	26.6	21.8	-3.8	29.9
PH-13	23	19	16.5	21	21.2	26.7	22	-3.2	30.1
PH-14	22.8	18.9	16.6	21.2	21.3	26.9	22.2	-2.7	30.2
PH-15	22.5	19	16.7	21.3	21.4	27	22.4	-2.3	30.4
PH-16	22.2	19.1	16.8	21.4	21.6	27.1	22.6	-1.7	30.5
PH-17	21.9	19.2	16.9	21.5	21.7	27.3	22.8	-1.3	30.7
PH-18	21.4	19.3	17	21.6	21.8	27.4	23	-0.8	30.8
PH-19	20.9	19.4	17.1	21.7	21.9	27.6	23.3	-0.3	31
PH-20	20.6	19.5	17.2	21.8	22.1	27.7	23.5	0.2	31.1
PH-21	20.7	19.6	17.3	21.9	22.2	27.8	23.6	0.6	31.3
KIT-1	24.8	22.5	20.3	25	25.5	31.5	29.1	12.5	35.3
KIT-2	24.5	22.7	20.5	25.2	25.7	31.8	29.5	13.3	35.6
KIT-3	24.1	23	20.8	25.5	26	32.1	29.9	14.2	36
KIT-4	24.3	23.2	21	25.7	26.2	32.3	30.2	14.9	36.2
R3	37.6	33.6	30	34.3	34.4	39.8	34.6	8.2	43.1
FF-1	21.5	15.3	7.8	7.2	2	6.8	3.7	-28.7	11.8
FF-2	21.5	15.3	7.9	7.2	2	6.8	3.9	-28.3	11.9
FF-3	21.6	15.4	8	7.3	2.1	6.9	4.1	-27.9	12
FF-4	21.7	15.5	8	7.4	2.2	7	4.2	-27.4	12.1
FF-5	21.7	15.5	8.1	7.5	2.3	7.1	4.4	-26.9	12.3
FF-6	21.8	15.6	8.2	7.5	2.4	7.2	4.6	-26.5	12.4
FF-7	21.9	15.7	8.2	7.6	2.5	7.4	4.8	-26	12.5
FF-8	21.9	15.7	8.3	7.7	2.5	7.4	4.9	-25.6	12.6
FF-9	22	15.8	8.4	7.8	2.6	7.6	5.1	-25.1	12.7
FF-10	22.1	15.9	8.5	7.9	2.7	7.7	5.3	-24.6	12.8
PH-1	23.7	19.6	14.5	19	19	24.1	17.8	-13.4	27.3
PH-2	23.7	19.7	14.6	19.1	19.1	24.2	18	-12.9	27.4
PH-3	23.6	19.6	14.7	19.2	19.2	24.4	18.2	-12.4	27.6
PH-4	23.5	19.5	14.8	19.3	19.3	24.5	18.4	-11.9	27.7
PH-5	23.5	19.4	14.9	19.4	19.4	24.6	18.6	-11.4	27.8
PH-6	23.4	19.3	15	19.4	19.5	24.7	18.8	-11	27.9
PH-7	23.3	19.2	15	19.5	19.6	24.8	18.9	-10.6	28.1
PH-8	23.1	19.1	15.1	19.6	19.7	24.9	19.1	-10.1	28.2
PH-9	23	18.9	15.2	19.7	19.8	25.1	19.4	-9.6	28.3
PH-10	22.8	18.8	15.3	19.8	19.9	25.2	19.5	-9.1	28.4
PH-11	22.7	18.6	15.4	19.9	20	25.3	19.7	-8.7	28.6
PH-12	22.5	18.4	15.5	20	20.1	25.4	19.9	-8.2	28.7
PH-13	22.2	18.2	15.6	20.1	20.2	25.5	20.1	-7.7	28.8
PH-14	22	18	15.7	20.2	20.3	25.7	20.3	-7.2	29
PH-15	21.7	18.1	15.8	20.3	20.4	25.8	20.5	-6.8	29.1
PH-16	21.3	18.2	15.9	20.4	20.5	25.9	20.7	-6.2	29.2
PH-17	21	18.3	16	20.5	20.6	26	20.9	-5.8	29.4
PH-18	20.5	18.4	16.1	20.6	20.7	26.2	21.1	-5.3	29.5
PH-19	20	18.5	16.2	20.7	20.8	26.3	21.3	-4.8	29.6
PH-20	19.7	18.6	16.2	20.8	20.9	26.4	21.5	-4.4	29.8
PH-21	19.8	18.6	16.3	20.9	21	26.5	21.7	-4	29.9
KIT-1	22.3	19	16.7	21.3	21.5	27.1	22.5	-2	30.4
KIT-2	21.8	19.2	16.9	21.4	21.6	27.2	22.7	-1.5	30.6
KIT-3	21.3	19.3	17	21.6	21.8	27.4	23	-0.9	30.8
KIT-4	20.7	19.4	17.1	21.7	21.9	27.5	23.2	-0.4	30.9
R4	50.5	47.5	42.9	44.9	42.7	46.1	40.6	20.6	50.3
FF-1	-0.7	-7	-14.5	-15.4	-20.9	-16.8	-22.6	-65.6	-11.6
FF-2	-0.7	-6.9	-14.5	-15.3	-20.9	-16.7	-22.5	-65.3	-11.6
FF-3	-0.6	-6.9	-14.5	-15.3	-20.9	-16.7	-22.4	-65.1	-11.5
FF-4	-0.6	-6.9	-14.4	-15.2	-20.8	-16.6	-22.3	-64.8	-11.5
FF-5	-0.6	-6.8	-14.4	-15.2	-20.7	-16.5	-22.2	-64.4	-11.4

FF-6	-0.5	-6.8	-14.3	-15.2	-20.7	-16.5	-22.1	-64.1	-11.4
FF-7	-0.5	-6.7	-14.3	-15.1	-20.6	-16.4	-21.9	-63.8	-11.3
FF-8	-0.5	-6.7	-14.3	-15.1	-20.6	-16.4	-21.8	-63.5	-11.3
FF-9	-0.4	-6.7	-14.2	-15	-20.6	-16.3	-21.7	-63.2	-11.2
FF-10	-0.4	-6.6	-14.2	-15	-20.5	-16.2	-21.6	-62.9	-11.1
PH-1	39.9	37	32.5	34.6	32.2	35.3	29.7	10.9	39.6
PH-2	39.8	36.8	32.3	34.4	32.1	35.1	29.5	10.5	39.4
PH-3	39.6	36.7	32.2	34.3	31.9	34.9	29.2	10	39.2
PH-4	39.5	36.5	32	34.1	31.7	34.7	29	9.6	39
PH-5	39.3	36.4	31.9	34	31.6	34.6	28.7	9.2	38.9
PH-6	39.2	36.3	31.7	33.8	31.4	34.4	28.5	8.8	38.7
PH-7	39.1	36.1	31.6	33.7	31.3	34.3	28.3	8.4	38.5
PH-8	39	36	31.5	33.5	31.1	34.1	28.1	7.9	38.4
PH-9	38.8	35.9	31.3	33.4	30.9	33.9	27.8	7.5	38.2
PH-10	38.7	35.7	31.2	33.2	30.8	33.7	27.6	7	38
PH-11	38.6	35.6	31.1	33.1	30.7	33.6	27.4	6.6	37.9
PH-12	38.5	35.5	30.9	33	30.5	33.4	27.2	6.2	37.7
PH-13	31.4	27.6	22.4	24.1	23.5	29.3	25.9	5.8	33
PH-14	31.4	27.5	22.3	24	23.4	29.2	25.7	5.3	32.9
PH-15	31.3	27.4	22.3	24	23.3	29.1	25.5	4.9	32.8
PH-16	31.3	27.4	22.2	23.9	23.1	28.9	25.3	4.4	32.6
PH-17	31.2	27.3	22.2	23.9	23	28.8	25.1	4	32.5
PH-18	31.2	27.3	22.1	23.8	22.9	28.6	24.9	3.5	32.3
PH-19	31.1	27.2	22.1	23.7	22.8	28.5	24.7	3.1	32.2
PH-20	31.1	27.2	22	23.7	22.7	28.4	24.5	2.7	32.1
PH-21	31.1	27.2	22	23.7	22.6	28.3	24.4	2.3	31.9
KIT-1	23.6	19.6	14.2	18.6	18.5	23.6	16.9	-15.6	26.8
KIT-2	22.4	18.4	14.1	18.5	18.4	23.5	16.7	-16.1	26.6
KIT-3	22.4	18.3	14	18.4	18.3	23.3	16.5	-16.7	26.5
KIT-4	22.4	18.3	13.9	18.3	18.2	23.2	16.3	-17.2	26.4
R5	40.2	36.2	30.9	33.5	33.5	38.8	33.1	5.2	42.1
FF-1	-0.8	-7.1	-14.6	-15.5	-21.1	-16.9	-22.9	-66.5	-11.8
FF-2	-0.8	-7	-14.6	-15.5	-21.1	-16.9	-22.9	-66.3	-11.8
FF-3	-0.8	-7	-14.6	-15.4	-21	-16.9	-22.8	-66.2	-11.7
FF-4	-0.7	-7	-14.6	-15.4	-21	-16.8	-22.7	-66	-11.7
FF-5	-0.7	-7	-14.6	-15.4	-21	-16.8	-22.7	-65.8	-11.7
FF-6	-0.7	-7	-14.5	-15.4	-20.9	-16.8	-22.6	-65.7	-11.7
FF-7	-0.7	-6.9	-14.5	-15.3	-20.9	-16.7	-22.5	-65.5	-11.6
FF-8	-0.7	-6.9	-14.5	-15.3	-20.9	-16.7	-22.5	-65.3	-11.6
FF-9	-0.6	-6.9	-14.5	-15.3	-20.9	-16.7	-22.4	-65.1	-11.6
FF-10	-0.6	-6.9	-14.5	-15.3	-20.8	-16.6	-22.4	-65	-11.5
PH-1	25.7	21.7	16.4	20.9	21	26.5	21.6	-4.1	29.9
PH-2	25.9	21.9	16.6	20.8	20.9	26.4	21.4	-4.5	29.7
PH-3	26.1	22.1	16.8	20.6	20.8	26.2	21.2	-5.1	29.6
PH-4	26.2	22.2	16.9	20.5	20.7	26.1	21	-5.6	29.4
PH-5	26.3	22.3	17.1	20.4	20.5	26	20.8	-6.1	29.3
PH-6	26.4	22.4	17.1	20.3	20.4	25.8	20.6	-6.6	29.2
PH-7	26.5	22.5	17.2	20.2	20.3	25.7	20.4	-7	29
PH-8	26.6	22.6	17.3	20.1	20.2	25.6	20.2	-7.5	28.9
PH-9	26.7	22.7	17.4	20	20.1	25.5	20	-8.1	28.8
PH-10	26.7	22.7	17.4	19.9	20	25.3	19.8	-8.5	28.6
PH-11	26.7	22.8	17.5	19.8	19.9	25.2	19.6	-9	28.5
PH-12	26.8	22.8	17.5	19.7	19.8	25.1	19.4	-9.5	28.4
PH-13	26.8	22.8	17.5	19.6	19.7	25	19.2	-10	28.3
PH-14	26.8	22.9	17.6	19.5	19.6	24.8	19	-10.5	28.1
PH-15	26.9	22.9	17.6	19.5	19.5	24.7	18.8	-10.9	28
PH-16	26.9	22.9	17.6	19.4	19.4	24.6	18.6	-11.5	27.9
PH-17	26.9	22.9	17.6	19.3	19.3	24.5	18.4	-11.9	27.8
PH-18	26.9	22.9	17.6	19.2	19.2	24.4	18.2	-12.4	27.6
PH-19	26.9	22.9	17.6	19.1	19.1	24.3	18	-12.9	27.5
PH-20	26.9	22.9	17.6	19.1	19	24.1	17.8	-13.3	27.4
PH-21	26.9	22.9	17.6	19.1	18.9	24	17.6	-13.8	27.3

KIT-1	22.7	18.6	13.2	16.9	16.7	21.4	13.1	-25.3	24.5
KIT-2	22.6	18.6	13.1	16.8	16.5	21.3	12.9	-26	24.4
KIT-3	22.6	18.5	13.1	16.7	16.4	21.1	12.6	-26.7	24.2
KIT-4	22.6	18.5	13.1	16.6	16.3	21	12.4	-27.3	24.1
R6b	35.3	33.4	30.8	35.4	35.6	41.2	36.8	13.3	44.6
FF-1	2.6	-3.5	-10.9	-11.5	-16.6	-11.5	-13.2	-41	-6.3
FF-2	2.7	-3.5	-10.9	-11.5	-16.5	-11.5	-13.2	-40.9	-6.3
FF-3	2.7	-3.5	-10.9	-11.5	-16.5	-11.4	-13.2	-40.8	-6.2
FF-4	2.7	-3.5	-10.9	-11.4	-16.5	-11.4	-13.1	-40.7	-6.2
FF-5	2.7	-3.5	-10.9	-11.4	-16.5	-11.4	-13.1	-40.6	-6.2
FF-6	2.7	-3.5	-10.8	-11.4	-16.5	-11.4	-13.1	-40.6	-6.2
FF-7	2.7	-3.4	-10.8	-11.4	-16.5	-11.4	-13	-40.5	-6.1
FF-8	2.7	-3.4	-10.8	-11.4	-16.4	-11.4	-13	-40.4	-6.1
FF-9	2.8	-3.4	-10.8	-11.4	-16.4	-11.3	-13	-40.3	-6.1
FF-10	2.8	-3.4	-10.8	-11.4	-16.4	-11.3	-13	-40.3	-6.1
PH-1	21.3	20.2	17.9	22.5	22.8	28.5	24.8	3.1	32.1
PH-2	21.2	20.1	17.8	22.4	22.7	28.4	24.6	2.8	31.9
PH-3	21.1	20	17.7	22.3	22.6	28.3	24.4	2.4	31.8
PH-4	21	19.9	17.6	22.2	22.5	28.2	24.2	2	31.7
PH-5	20.9	19.8	17.5	22.1	22.4	28.1	24.1	1.6	31.6
PH-6	20.9	19.7	17.5	22.1	22.3	28	23.9	1.3	31.5
PH-7	20.8	19.7	17.4	22	22.2	27.9	23.8	0.9	31.4
PH-8	20.7	19.6	17.3	21.9	22.1	27.8	23.6	0.5	31.2
PH-9	20.6	19.5	17.2	21.8	22	27.7	23.4	0.1	31.1
PH-10	20.5	19.4	17.1	21.7	21.9	27.6	23.3	-0.2	31
PH-11	20.5	19.3	17	21.6	21.9	27.5	23.1	-0.6	30.9
PH-12	20.4	19.3	17	21.5	21.8	27.4	23	-1	30.8
PH-13	20.3	19.2	16.9	21.5	21.7	27.2	22.8	-1.4	30.7
PH-14	20.3	19.1	16.8	21.4	21.6	27.1	22.6	-1.8	30.5
PH-15	20.2	19	16.7	21.3	21.5	27	22.5	-2.1	30.4
PH-16	20.2	18.9	16.6	21.2	21.4	26.9	22.3	-2.6	30.3
PH-17	20.1	18.8	16.5	21.1	21.3	26.8	22.1	-2.9	30.2
PH-18	20.1	18.8	16.5	21	21.2	26.7	21.9	-3.4	30.1
PH-19	20	18.7	16.4	20.9	21.1	26.6	21.8	-3.7	29.9
PH-20	20	18.6	16.3	20.9	21	26.5	21.6	-4.1	29.8
PH-21	19.9	18.5	16.2	20.8	20.9	26.4	21.5	-4.4	29.7
KIT-1	23.9	19.9	15.6	20.1	20.2	25.6	20.2	-7.6	28.9
KIT-2	23.8	19.8	15.5	20	20.1	25.4	19.9	-8.3	28.7
KIT-3	23.7	19.7	15.3	19.8	19.9	25.2	19.5	-9.1	28.5
KIT-4	23.7	19.6	15.2	19.7	19.8	25	19.3	-9.7	28.3
R7b	30.8	29.4	27	31.3	31.1	35.9	28.1	-7.9	39
FF-1	4.8	-1.3	-8.6	-9.1	-13.9	-8.4	-8.2	-28.7	-2.8
FF-2	4.8	-1.3	-8.7	-9.1	-13.9	-8.4	-8.3	-28.9	-2.8
FF-3	4.7	-1.4	-8.7	-9.2	-14	-8.5	-8.4	-29.1	-2.9
FF-4	4.7	-1.4	-8.8	-9.2	-14.1	-8.6	-8.5	-29.4	-3
FF-5	4.6	-1.5	-8.8	-9.3	-14.1	-8.6	-8.6	-29.7	-3.1
FF-6	4.6	-1.5	-8.9	-9.3	-14.2	-8.7	-8.7	-29.9	-3.2
FF-7	4.5	-1.6	-8.9	-9.4	-14.2	-8.8	-8.8	-30.2	-3.2
FF-8	4.5	-1.6	-9	-9.4	-14.3	-8.8	-8.9	-30.4	-3.3
FF-9	4.4	-1.7	-9	-9.5	-14.4	-8.9	-9	-30.7	-3.4
FF-10	4.4	-1.8	-9.1	-9.5	-14.4	-9	-9.2	-31	-3.5
PH-1	16.6	15.5	13	17.4	17.2	22	14.2	-22.5	25.1
PH-2	16.6	15.4	13	17.4	17.1	22	14.2	-22.6	25.1
PH-3	16.6	15.4	13	17.3	17.1	22	14.1	-22.8	25.1
PH-4	16.6	15.4	13	17.3	17.1	21.9	14	-22.9	25
PH-5	16.6	15.4	12.9	17.3	17.1	21.9	14	-23	25
PH-6	16.6	15.4	12.9	17.3	17	21.9	13.9	-23.2	25
PH-7	16.5	15.3	12.9	17.2	17	21.8	13.9	-23.3	24.9
PH-8	16.5	15.3	12.9	17.2	17	21.8	13.9	-23.4	24.9
PH-9	16.5	15.3	12.8	17.2	17	21.8	13.8	-23.6	24.9
PH-10	16.5	15.3	12.8	17.2	17	21.7	13.7	-23.7	24.8

PH-11	16.5	15.3	12.8	17.2	16.9	21.7	13.7	-23.8	24.8
PH-12	16.4	15.2	12.8	17.1	16.9	21.7	13.6	-24	24.8
PH-13	16.4	15.2	12.8	17.1	16.9	21.7	13.6	-24.1	24.8
PH-14	16.4	15.2	12.7	17.1	16.8	21.6	13.5	-24.3	24.7
PH-15	16.4	15.2	12.7	17.1	16.8	21.6	13.5	-24.4	24.7
PH-16	16.3	15.1	12.7	17	16.8	21.6	13.4	-24.6	24.6
PH-17	16.3	15.1	12.7	17	16.8	21.5	13.3	-24.7	24.6
PH-18	16.3	15.1	12.6	17	16.7	21.5	13.3	-24.9	24.6
PH-19	16.3	15.1	12.6	16.9	16.7	21.4	13.2	-25.1	24.5
PH-20	16.3	15.1	12.6	16.9	16.7	21.4	13.1	-25.2	24.5
PH-21	16.2	15	12.6	16.9	16.6	21.4	13.1	-25.4	24.5
KIT-1	17.4	16.3	13.9	18.3	18.2	23.2	16.2	-17.3	26.3
KIT-2	17.4	16.2	13.8	18.2	18.1	23.1	16.1	-17.8	26.2
KIT-3	18.2	16.1	13.7	18.1	18	23	15.9	-18.2	26.1
KIT-4	18.2	16.1	13.6	18	17.9	22.9	15.7	-18.6	26
R8	27.4	26.1	23.4	27.5	26.7	30.6	18.3	-34.9	33.8
FF-1	-0.5	-6.8	-14.3	-15.2	-20.7	-16.5	-22	-64.1	-11.4
FF-2	-0.5	-6.8	-14.4	-15.2	-20.7	-16.5	-22.1	-64.3	-11.4
FF-3	-0.6	-6.8	-14.4	-15.2	-20.8	-16.5	-22.2	-64.5	-11.4
FF-4	-0.6	-6.8	-14.4	-15.2	-20.8	-16.6	-22.3	-64.7	-11.5
FF-5	-0.6	-6.9	-14.4	-15.3	-20.8	-16.6	-22.4	-64.9	-11.5
FF-6	-0.6	-6.9	-14.5	-15.3	-20.9	-16.7	-22.4	-65.1	-11.6
FF-7	-0.7	-6.9	-14.5	-15.3	-20.9	-16.7	-22.5	-65.4	-11.6
FF-8	-0.7	-7	-14.5	-15.4	-20.9	-16.8	-22.6	-65.6	-11.6
FF-9	-0.7	-7	-14.6	-15.4	-21	-16.8	-22.7	-65.8	-11.7
FF-10	-0.8	-7	-14.6	-15.4	-21	-16.9	-22.8	-66.1	-11.7
PH-1	13.6	12.4	9.7	13.8	13.2	17.1	5.3	-46.5	20.3
PH-2	13.6	12.3	9.7	13.8	13.1	17.1	5.2	-46.7	20.2
PH-3	13.6	12.3	9.7	13.8	13.1	17	5.1	-47	20.2
PH-4	13.6	12.3	9.6	13.7	13	17	5	-47.3	20.1
PH-5	13.5	12.3	9.6	13.7	13	16.9	4.9	-47.5	20.1
PH-6	13.5	12.2	9.6	13.7	13	16.9	4.8	-47.8	20
PH-7	13.5	12.2	9.6	13.6	12.9	16.8	4.7	-48	20
PH-8	13.4	12.2	9.5	13.6	12.9	16.8	4.6	-48.3	19.9
PH-9	13.4	12.1	9.5	13.6	12.8	16.7	4.5	-48.6	19.9
PH-10	13.4	12.1	9.5	13.5	12.8	16.7	4.4	-48.8	19.8
PH-11	13.4	12.1	9.4	13.5	12.8	16.6	4.3	-49.1	19.8
PH-12	13.3	12.1	9.4	13.5	12.7	16.6	4.2	-49.3	19.7
PH-13	13.3	12	9.4	13.4	12.7	16.5	4.1	-49.6	19.7
PH-14	13.3	12	9.3	13.4	12.6	16.5	4	-49.9	19.6
PH-15	13.3	12	9.3	13.4	12.6	16.4	4	-50.2	19.6
PH-16	13.2	11.9	9.3	13.3	12.6	16.4	3.8	-50.5	19.5
PH-17	13.2	11.9	9.2	13.3	12.5	16.3	3.8	-50.7	19.5
PH-18	13.2	11.9	9.2	13.3	12.5	16.3	3.6	-51	19.4
PH-19	13.1	11.8	9.2	13.2	12.4	16.2	3.5	-51.3	19.4
PH-20	13.1	11.8	9.2	13.2	12.4	16.2	3.5	-51.5	19.4
PH-21	13.1	11.8	9.1	13.2	12.4	16.1	3.4	-51.8	19.3
KIT-1	13.4	12.2	9.5	13.6	12.9	16.7	4.6	-48.4	19.9
KIT-2	13.4	12.1	9.5	13.5	12.8	16.6	4.4	-48.9	19.8
KIT-3	13.3	12	9.4	13.5	12.7	16.5	4.2	-49.5	19.7
KIT-4	13.3	12	9.3	13.4	12.6	16.5	4	-49.9	19.6
R9	27	25.5	22.8	26.8	26	29.6	16.5	-39	32.9
FF-1	0.4	-5.8	-13.3	-14	-19.4	-14.9	-19.2	-56.3	-9.8
FF-2	0.4	-5.8	-13.3	-14.1	-19.5	-14.9	-19.3	-56.6	-9.9
FF-3	0.4	-5.9	-13.4	-14.1	-19.5	-15	-19.4	-56.9	-10
FF-4	0.3	-5.9	-13.4	-14.2	-19.6	-15.1	-19.5	-57.3	-10
FF-5	0.3	-6	-13.5	-14.2	-19.6	-15.2	-19.7	-57.7	-10.1
FF-6	0.2	-6	-13.5	-14.3	-19.7	-15.2	-19.8	-58	-10.2
FF-7	0.2	-6.1	-13.6	-14.3	-19.8	-15.3	-19.9	-58.4	-10.2
FF-8	0.1	-6.1	-13.6	-14.4	-19.8	-15.4	-20	-58.7	-10.3
FF-9	0.1	-6.1	-13.7	-14.4	-19.9	-15.4	-20.2	-59	-10.4

FF-10	0	-6.2	-13.7	-14.5	-19.9	-15.5	-20.3	-59.4	-10.5
PH-1	12.9	11.6	8.9	12.9	12.1	15.7	2.7	-53.8	19
PH-2	12.9	11.6	8.9	12.9	12	15.7	2.6	-53.9	18.9
PH-3	12.8	11.5	8.9	12.9	12	15.7	2.5	-54.1	18.9
PH-4	12.8	11.5	8.8	12.9	12	15.7	2.5	-54.3	18.9
PH-5	12.8	11.5	8.8	12.8	12	15.6	2.4	-54.4	18.9
PH-6	12.8	11.5	8.8	12.8	12	15.6	2.4	-54.6	18.8
PH-7	12.8	11.5	8.8	12.8	11.9	15.6	2.3	-54.7	18.8
PH-8	12.8	11.5	8.8	12.8	11.9	15.6	2.3	-54.8	18.8
PH-9	12.8	11.5	8.8	12.8	11.9	15.5	2.2	-55	18.8
PH-10	12.7	11.4	8.7	12.8	11.9	15.5	2.2	-55.2	18.7
PH-11	12.7	11.4	8.7	12.7	11.9	15.5	2.1	-55.3	18.7
PH-12	12.7	11.4	8.7	12.7	11.8	15.4	2.1	-55.5	18.7
PH-13	12.7	11.4	8.7	12.7	11.8	15.4	2	-55.6	18.7
PH-14	12.7	11.4	8.7	12.7	11.8	15.4	1.9	-55.8	18.6
PH-15	12.7	11.4	8.7	12.7	11.8	15.4	1.9	-55.9	18.6
PH-16	12.6	11.3	8.6	12.6	11.7	15.3	1.8	-56.1	18.6
PH-17	12.6	11.3	8.6	12.6	11.7	15.3	1.8	-56.3	18.5
PH-18	12.6	11.3	8.6	12.6	11.7	15.3	1.7	-56.5	18.5
PH-19	12.6	11.3	8.6	12.6	11.7	15.2	1.7	-56.6	18.5
PH-20	12.6	11.3	8.6	12.6	11.6	15.2	1.6	-56.8	18.5
PH-21	12.6	11.3	8.6	12.5	11.6	15.2	1.5	-56.9	18.4
KIT-1	13.4	12.1	9.5	13.5	12.8	16.6	4.4	-48.9	19.8
KIT-2	14.3	12.1	9.4	13.5	12.7	16.6	4.3	-49.3	19.7
KIT-3	14.2	12	9.4	13.4	12.7	16.5	4.1	-49.7	19.7
KIT-4	14.1	12	9.3	13.4	12.6	16.4	4	-50	19.6
R10	27.6	25.5	22.6	26.6	25.7	29.3	16.4	-28.8	32.5
FF-1	11	2	-8.3	-11.1	-16.1	-10.9	-12.3	-38.7	-4.8
FF-2	12.4	3.4	-6.9	-10.4	-16.2	-11	-12.4	-39	-4.3
FF-3	12.3	3.4	-6.9	-10.4	-16.2	-11.1	-12.6	-39.3	-4.4
FF-4	12.3	3.3	-7	-10.5	-16.3	-11.2	-12.7	-39.6	-4.5
FF-5	12.2	3.2	-7.1	-10.6	-16.4	-11.3	-12.8	-40	-4.6
FF-6	12.1	3.2	-7.1	-10.7	-16.4	-11.3	-13	-40.3	-4.7
FF-7	12.1	3.1	-7.2	-10.7	-16.5	-11.4	-13.1	-40.7	-4.8
FF-8	5.5	-3.5	-10.9	-11.5	-16.6	-11.5	-13.2	-41	-6.2
FF-9	4.8	-3.6	-11	-11.6	-16.6	-11.6	-13.4	-41.4	-6.3
FF-10	3.8	-3.6	-11	-11.6	-16.7	-11.7	-13.5	-41.7	-6.4
PH-1	12	10.6	7.9	11.8	10.7	14.1	-0.7	-63.3	17.4
PH-2	12	10.7	7.9	11.8	10.8	14.1	-0.6	-63.1	17.4
PH-3	12	10.7	7.9	11.9	10.8	14.1	-0.5	-62.8	17.5
PH-4	12	10.7	8	11.9	10.8	14.2	-0.4	-62.5	17.5
PH-5	12.1	10.7	8	11.9	10.9	14.2	-0.3	-62.3	17.6
PH-6	12.1	10.7	8	11.9	10.9	14.3	-0.3	-62.1	17.6
PH-7	12.1	10.8	8	12	10.9	14.3	-0.2	-61.9	17.6
PH-8	12.1	10.8	8	12	11	14.3	-0.1	-61.7	17.7
PH-9	12.1	10.8	8.1	12	11	14.4	0	-61.4	17.7
PH-10	12.2	10.8	8.1	12	11	14.4	0.1	-61.2	17.7
PH-11	12.2	10.9	8.1	12.1	11.1	14.5	0.1	-61	17.8
PH-12	12.2	10.9	8.1	12.1	11.1	14.5	0.2	-60.8	17.8
PH-13	12.2	10.9	8.2	12.1	11.1	14.5	0.3	-60.5	17.8
PH-14	12.2	10.9	8.2	12.1	11.2	14.6	0.4	-60.3	17.9
PH-15	12.3	10.9	8.2	12.2	11.2	14.6	0.4	-60.1	17.9
PH-16	12.3	11	8.2	12.2	11.2	14.7	0.5	-59.9	18
PH-17	12.3	11	8.3	12.2	11.2	14.7	0.6	-59.7	18
PH-18	12.3	11	8.3	12.2	11.3	14.7	0.7	-59.4	18.1
PH-19	12.3	11	8.3	12.3	11.3	14.8	0.7	-59.2	18.1
PH-20	12.4	11.1	8.3	12.3	11.3	14.8	0.8	-59	18.1
PH-21	13.2	11.1	8.4	12.3	11.4	14.8	0.9	-58.8	18.1
KIT-1	14.8	12.9	10.3	14.5	13.9	18	7.1	-41.6	21.2
KIT-2	14.2	13	10.4	14.5	14	18.1	7.2	-41.3	21.2
KIT-3	14.3	13	10.4	14.6	14	18.2	7.3	-40.9	21.3
KIT-4	14.3	13	10.5	14.6	14.1	18.2	7.4	-40.6	21.3

R11	25	23.1	20.1	23.8	22.4	25.1	7.8	-55	28.7
FF-1	10.9	2	-8.4	-12.1	-20.7	-16.8	-22.7	-65.9	-7.9
FF-2	10.9	2	-8.4	-12.1	-20.7	-16.9	-22.8	-66.2	-8
FF-3	2.1	-7	-14.6	-15.5	-21.1	-16.9	-22.9	-66.4	-11.7
FF-4	1.7	-7.1	-14.7	-15.5	-21.1	-17	-23	-66.7	-11.7
FF-5	1.3	-7.1	-14.7	-15.6	-21.2	-17	-23.1	-67	-11.8
FF-6	0.9	-7.1	-14.7	-15.6	-21.2	-17.1	-23.2	-67.2	-11.9
FF-7	0.3	-7.2	-14.8	-15.6	-21.2	-17.1	-23.3	-67.6	-12
FF-8	-0.3	-7.2	-14.8	-15.7	-21.3	-17.2	-23.4	-67.8	-12
FF-9	-1	-7.2	-14.8	-15.7	-21.3	-17.3	-23.5	-68.1	-12.1
FF-10	-1	-7.3	-14.9	-15.7	-21.4	-17.3	-23.6	-68.4	-12.2
PH-1	9.9	8.5	5.5	9.2	7.6	9.9	-9.2	-88.2	13.7
PH-2	9.9	8.5	5.6	9.2	7.6	10	-9.1	-87.9	13.8
PH-3	10	8.5	5.6	9.2	7.7	10	-9	-87.6	13.8
PH-4	10	8.6	5.6	9.3	7.7	10.1	-8.9	-87.4	13.8
PH-5	10	8.6	5.6	9.3	7.7	10.1	-8.8	-87.1	13.9
PH-6	10	8.6	5.7	9.3	7.7	10.1	-8.7	-86.9	13.9
PH-7	10	8.6	5.7	9.3	7.8	10.2	-8.7	-86.6	13.9
PH-8	10.1	8.6	5.7	9.4	7.8	10.2	-8.6	-86.4	14
PH-9	10.1	8.7	5.7	9.4	7.8	10.3	-8.5	-86.1	14
PH-10	10.1	8.7	5.8	9.4	7.9	10.3	-8.4	-85.8	14
PH-11	10.1	8.7	5.8	9.4	7.9	10.4	-8.3	-85.6	14.1
PH-12	10.1	8.7	5.8	9.5	7.9	10.4	-8.2	-85.4	14.1
PH-13	10.2	8.7	5.8	9.5	8	10.4	-8.1	-85.1	14.2
PH-14	10.2	8.8	5.8	9.5	8	10.5	-8	-84.8	14.2
PH-15	10.2	8.8	5.9	9.5	8	10.5	-8	-84.6	14.2
PH-16	10.2	8.8	5.9	9.6	8.1	10.6	-7.9	-84.3	14.3
PH-17	10.2	8.8	5.9	9.6	8.1	10.6	-7.8	-84.1	14.3
PH-18	10.2	8.9	5.9	9.6	8.1	10.6	-7.7	-83.8	14.3
PH-19	10.3	8.9	6	9.6	8.1	10.7	-7.6	-83.5	14.4
PH-20	11.6	8.9	6	9.7	8.2	10.7	-7.5	-83.3	14.4
PH-21	10.7	8.9	6	9.7	8.2	10.8	-7.5	-83.1	14.4
KIT-1	12	10.4	7.6	11.5	10.4	13.6	-1.7	-66.2	16.9
KIT-2	11.7	10.4	7.6	11.5	10.4	13.6	-1.5	-65.8	17
KIT-3	11.8	10.4	7.7	11.6	10.5	13.7	-1.4	-65.4	17.1
KIT-4	11.8	10.5	7.7	11.6	10.5	13.8	-1.3	-65	17.1
R12	25.9	24.3	21.5	25.3	24.2	27.4	12.7	-41.9	30.8
FF-1	1.9	-5.5	-13	-13.7	-19.1	-14.5	-18.4	-54.3	-9.4
FF-2	1.7	-5.5	-13	-13.7	-19.1	-14.5	-18.5	-54.5	-9.4
FF-3	1.4	-5.6	-13.1	-13.8	-19.1	-14.5	-18.5	-54.6	-9.5
FF-4	1	-5.6	-13.1	-13.8	-19.1	-14.6	-18.6	-54.8	-9.5
FF-5	0.7	-5.6	-13.1	-13.8	-19.2	-14.6	-18.7	-55	-9.6
FF-6	0.6	-5.6	-13.1	-13.9	-19.2	-14.7	-18.7	-55.2	-9.6
FF-7	0.6	-5.7	-13.2	-13.9	-19.3	-14.7	-18.8	-55.4	-9.6
FF-8	0.5	-5.7	-13.2	-13.9	-19.3	-14.7	-18.9	-55.6	-9.7
FF-9	0.5	-5.7	-13.2	-13.9	-19.3	-14.8	-19	-55.8	-9.7
FF-10	0.5	-5.7	-13.2	-14	-19.4	-14.8	-19	-56	-9.8
PH-1	11.1	9.6	6.8	10.5	9.2	12.1	-4.6	-74.7	15.6
PH-2	11.1	9.6	6.8	10.6	9.3	12.2	-4.5	-74.4	15.7
PH-3	11.1	9.7	6.8	10.6	9.3	12.2	-4.4	-74	15.7
PH-4	11.1	9.7	6.9	10.6	9.4	12.3	-4.3	-73.7	15.8
PH-5	11.2	9.7	6.9	10.7	9.4	12.3	-4.2	-73.4	15.8
PH-6	11.2	9.7	6.9	10.7	9.4	12.4	-4.1	-73.2	15.9
PH-7	11.3	9.8	6.9	10.7	9.5	12.4	-4	-72.9	15.9
PH-8	11.3	9.8	7	10.8	9.5	12.5	-3.9	-72.6	16
PH-9	11.3	9.8	7	10.8	9.6	12.5	-3.8	-72.2	16
PH-10	11.3	9.9	7	10.8	9.6	12.6	-3.7	-71.9	16.1
PH-11	11.4	9.9	7.1	10.9	9.6	12.6	-3.6	-71.6	16.1
PH-12	11.4	9.9	7.1	10.9	9.7	12.7	-3.5	-71.4	16.1
PH-13	11.4	9.9	7.1	10.9	9.7	12.7	-3.4	-71	16.2
PH-14	11.4	10	7.1	11	9.8	12.8	-3.2	-70.7	16.2

PH-15	11.4	10	7.2	11	9.8	12.8	-3.2	-70.4	16.3
PH-16	11.5	10	7.2	11	9.8	12.9	-3	-70.1	16.3
PH-17	11.5	10	7.2	11.1	9.9	12.9	-2.9	-69.8	16.4
PH-18	11.5	10.1	7.3	11.1	9.9	13	-2.8	-69.5	16.4
PH-19	11.5	10.1	7.3	11.1	10	13	-2.7	-69.2	16.5
PH-20	12.3	10.1	7.3	11.2	10	13.1	-2.6	-68.9	16.5
PH-21	11.5	10.1	7.3	11.2	10	13.1	-2.5	-68.7	16.6
KIT-1	13.2	11.8	9.1	13.2	12.4	16.1	3.4	-51.7	19.3
KIT-2	13.3	11.8	9.2	13.2	12.4	16.2	3.6	-51.3	19.4
KIT-3	13.3	11.9	9.2	13.3	12.5	16.3	3.7	-50.8	19.5
KIT-4	13.2	11.9	9.3	13.3	12.6	16.4	3.9	-50.3	19.6
R13	28.2	26.6	24	28.1	27.5	31.6	20.9	-19.7	34.7
FF-1	4	-2.2	-9.6	-10.1	-15	-9.6	-10.2	-33.5	-4.2
FF-2	3.9	-2.2	-9.6	-10.1	-15	-9.7	-10.2	-33.5	-4.2
FF-3	3.9	-2.2	-9.6	-10.1	-15	-9.7	-10.3	-33.6	-4.3
FF-4	3.9	-2.3	-9.6	-10.1	-15	-9.7	-10.3	-33.7	-4.3
FF-5	3.9	-2.3	-9.6	-10.1	-15.1	-9.7	-10.3	-33.8	-4.3
FF-6	3.9	-2.3	-9.6	-10.1	-15.1	-9.8	-10.4	-33.9	-4.3
FF-7	3.8	-2.3	-9.7	-10.2	-15.1	-9.8	-10.4	-34	-4.4
FF-8	3.8	-2.3	-9.7	-10.2	-15.1	-9.8	-10.5	-34.1	-4.4
FF-9	3.8	-2.4	-9.7	-10.2	-15.1	-9.8	-10.5	-34.2	-4.4
FF-10	3.8	-2.4	-9.7	-10.2	-15.2	-9.9	-10.6	-34.3	-4.5
PH-1	13.2	11.7	9	13.1	12.2	16	3.1	-52.6	19.2
PH-2	13.2	11.7	9.1	13.1	12.3	16	3.2	-52.3	19.2
PH-3	13.2	11.8	9.1	13.1	12.3	16.1	3.3	-51.9	19.3
PH-4	13.3	11.8	9.1	13.2	12.4	16.2	3.4	-51.6	19.3
PH-5	13.4	11.8	9.2	13.2	12.4	16.2	3.6	-51.3	19.4
PH-6	13.4	11.9	9.2	13.3	12.5	16.3	3.7	-51	19.5
PH-7	13.4	11.9	9.3	13.3	12.5	16.3	3.8	-50.7	19.5
PH-8	13.4	11.9	9.3	13.4	12.6	16.4	3.9	-50.3	19.6
PH-9	13.5	12	9.3	13.4	12.6	16.5	4	-50	19.6
PH-10	13.5	12	9.4	13.4	12.7	16.5	4.1	-49.6	19.7
PH-11	13.5	12.1	9.4	13.5	12.7	16.6	4.2	-49.3	19.7
PH-12	13.6	12.1	9.4	13.5	12.8	16.6	4.4	-49	19.8
PH-13	13.6	12.1	9.5	13.6	12.8	16.7	4.5	-48.7	19.9
PH-14	13.6	12.2	9.5	13.6	12.9	16.8	4.6	-48.3	19.9
PH-15	13.6	12.2	9.6	13.6	12.9	16.8	4.7	-48	20
PH-16	13.7	12.2	9.6	13.7	13	16.9	4.8	-47.7	20
PH-17	13.7	12.3	9.6	13.7	13	16.9	4.9	-47.4	20.1
PH-18	13.8	12.3	9.7	13.8	13.1	17	5.1	-47	20.2
PH-19	13.8	12.3	9.7	13.8	13.1	17.1	5.2	-46.7	20.2
PH-20	14.3	12.4	9.8	13.9	13.2	17.1	5.3	-46.4	20.3
PH-21	13.7	12.4	9.8	13.9	13.2	17.2	5.4	-46.1	20.3
KIT-1	16	14.5	12.1	16.3	16	20.6	11.8	-28.9	23.7
KIT-2	16.1	14.6	12.1	16.4	16.1	20.7	12	-28.4	23.8
KIT-3	16.1	14.7	12.2	16.5	16.2	20.9	12.2	-27.8	23.9
KIT-4	16.1	14.8	12.3	16.6	16.3	21	12.3	-27.4	24
R14	29.4	26.5	23.9	28	27.3	31.4	20.4	-24	34.5
FF-1	1.2	-5	-12.5	-13.2	-18.5	-13.7	-17.1	-50.9	-8.7
FF-2	1.2	-5	-12.5	-13.2	-18.4	-13.7	-17.1	-50.8	-8.6
FF-3	1.2	-5	-12.5	-13.1	-18.4	-13.7	-17	-50.6	-8.6
FF-4	1.2	-5	-12.4	-13.1	-18.4	-13.6	-16.9	-50.4	-8.6
FF-5	1.3	-5	-12.4	-13.1	-18.3	-13.6	-16.9	-50.3	-8.5
FF-6	1.3	-4.9	-12.4	-13.1	-18.3	-13.6	-16.8	-50.1	-8.5
FF-7	1.3	-4.9	-12.4	-13	-18.3	-13.5	-16.7	-49.9	-8.4
FF-8	1.4	-4.9	-12.3	-13	-18.3	-13.5	-16.7	-49.8	-8.4
FF-9	1.6	-4.9	-12.3	-13	-18.2	-13.5	-16.6	-49.6	-8.4
FF-10	1.8	-4.8	-12.3	-13	-18.2	-13.4	-16.6	-49.5	-8.3
PH-1	14.9	11.6	8.9	12.9	12.1	15.8	2.7	-53.7	19
PH-2	14.9	11.6	9	13	12.1	15.8	2.8	-53.3	19.1
PH-3	14.9	11.7	9	13	12.2	15.9	3	-52.8	19.1

PH-4	15	11.7	9.1	13.1	12.3	16	3.2	-52.4	19.2
PH-5	15.1	11.8	9.1	13.1	12.3	16.1	3.3	-52	19.3
PH-6	15.1	11.8	9.1	13.2	12.4	16.2	3.4	-51.6	19.3
PH-7	15.1	11.9	9.2	13.2	12.5	16.2	3.6	-51.2	19.4
PH-8	15.2	11.9	9.2	13.3	12.5	16.3	3.7	-50.8	19.5
PH-9	15.2	12	9.3	13.4	12.6	16.4	3.9	-50.3	19.6
PH-10	15.2	12	9.3	13.4	12.6	16.5	4.1	-49.9	19.6
PH-11	15.3	12	9.4	13.5	12.7	16.5	4.2	-49.5	19.7
PH-12	15.3	12.1	9.4	13.5	12.8	16.6	4.3	-49.1	19.8
PH-13	15.3	12.1	9.5	13.6	12.8	16.7	4.5	-48.7	19.9
PH-14	15.4	12.2	9.5	13.6	12.9	16.8	4.7	-48.2	19.9
PH-15	15.4	12.2	9.6	13.7	12.9	16.9	4.8	-47.8	20
PH-16	15.9	12.3	9.6	13.7	13	16.9	5	-47.4	20.1
PH-17	15.5	12.3	9.7	13.8	13.1	17	5.1	-47	20.2
PH-18	15	12.4	9.7	13.8	13.1	17.1	5.3	-46.5	20.2
PH-19	14.4	12.4	9.8	13.9	13.2	17.2	5.4	-46.1	20.3
PH-20	13.8	12.5	9.8	13.9	13.3	17.3	5.5	-45.7	20.4
PH-21	13.8	12.5	9.9	14	13.3	17.3	5.7	-45.4	20.5
KIT-1	17.1	14.2	11.7	15.9	15.5	20.1	10.7	-31.6	23.1
KIT-2	16.6	14.3	11.8	16	15.7	20.2	11	-30.9	23.3
KIT-3	16	14.4	11.9	16.1	15.8	20.4	11.3	-30.2	23.4
KIT-4	15.7	14.4	11.9	16.2	15.9	20.5	11.5	-29.6	23.6
R15	33.2	29.7	26.3	30.6	30.3	34.9	26.5	-11.4	38
FF-1	6.5	-2.6	-13.1	-14.6	-20.1	-15.7	-20.7	-60.5	-9.9
FF-2	6.5	-2.6	-13.1	-14.6	-20.1	-15.7	-20.6	-60.1	-9.8
FF-3	6.6	-2.5	-13	-14.5	-20	-15.6	-20.5	-59.8	-9.7
FF-4	6.6	-2.5	-13	-14.5	-19.9	-15.5	-20.3	-59.4	-9.7
FF-5	6.6	-2.5	-12.9	-14.4	-19.9	-15.4	-20.1	-58.9	-9.6
FF-6	6.7	-2.4	-12.9	-14.4	-19.8	-15.4	-20	-58.6	-9.5
FF-7	6.7	-2.4	-12.9	-14.3	-19.7	-15.3	-19.8	-58.1	-9.5
FF-8	6.8	-2.4	-12.8	-14.2	-19.7	-15.2	-19.7	-57.8	-9.4
FF-9	6.8	-2.3	-12.8	-14.2	-19.6	-15.1	-19.5	-57.4	-9.3
FF-10	6.8	-2.3	-12.7	-14.1	-19.5	-15	-19.4	-56.9	-9.2
PH-1	20.3	16.1	11.3	15.6	15.1	19.6	9.8	-34	22.7
PH-2	20.3	16.2	11.4	15.6	15.2	19.6	10	-33.6	22.7
PH-3	20.4	16.3	11.5	15.7	15.3	19.8	10.2	-33	22.9
PH-4	20.5	16.3	11.5	15.8	15.4	19.9	10.4	-32.6	22.9
PH-5	20.5	16.4	11.6	15.9	15.5	19.9	10.5	-32.1	23
PH-6	20.6	16.4	11.7	15.9	15.5	20	10.7	-31.7	23.1
PH-7	20.4	16.3	11.7	16	15.6	20.1	10.9	-31.3	23.2
PH-8	20.3	16.1	11.8	16	15.7	20.2	11	-30.8	23.3
PH-9	20	15.9	11.8	16.1	15.8	20.3	11.2	-30.3	23.4
PH-10	19.9	15.7	11.9	16.2	15.8	20.4	11.4	-29.9	23.5
PH-11	19.7	15.5	12	16.3	15.9	20.5	11.5	-29.5	23.6
PH-12	19.4	15.3	12	16.3	16	20.6	11.7	-29	23.7
PH-13	19.1	15	12.1	16.4	16.1	20.7	11.9	-28.6	23.8
PH-14	18.8	14.7	12.2	16.5	16.2	20.8	12.1	-28.1	23.9
PH-15	18.5	14.7	12.2	16.5	16.2	20.9	12.2	-27.7	24
PH-16	18.1	14.8	12.3	16.6	16.3	21	12.4	-27.2	24.1
PH-17	17.7	14.8	12.4	16.7	16.4	21.1	12.6	-26.7	24.2
PH-18	17.2	14.9	12.4	16.8	16.5	21.2	12.8	-26.2	24.3
PH-19	16.7	15	12.5	16.8	16.6	21.3	12.9	-25.8	24.4
PH-20	16.2	15	12.6	16.9	16.6	21.4	13.1	-25.4	24.5
PH-21	16.3	15.1	12.6	17	16.7	21.5	13.2	-25	24.6
KIT-1	18.8	15.7	13.3	17.7	17.5	22.4	14.9	-20.6	25.6
KIT-2	18.3	15.8	13.4	17.8	17.7	22.6	15.2	-20	25.7
KIT-3	17.7	15.9	13.5	17.9	17.8	22.7	15.5	-19.3	25.9
KIT-4	17.2	16	13.6	18	17.9	22.9	15.7	-18.8	26
R16	31.4	27.3	23.2	27.1	26.3	30.1	17.3	-37.1	33.3
FF-1	11	2.3	-8.1	-12.1	-21	-20.7	-30.8	-88.5	-8.4
FF-2	11	2.3	-8.1	-12	-21	-20.6	-30.6	-88.2	-8.4

FF-3	11.1	2.3	-8.1	-12	-21	-20.6	-30.5	-87.8	-8.4
FF-4	11.1	2.4	-8.1	-12	-20.9	-20.5	-30.4	-87.4	-8.4
FF-5	11.1	2.4	-8	-11.9	-20.9	-20.5	-30.2	-87	-8.3
FF-6	11.1	2.4	-8	-11.9	-20.9	-20.4	-30.1	-86.7	-8.3
FF-7	11.2	2.4	-8	-11.9	-20.8	-20.4	-30	-86.3	-8.3
FF-8	11.2	2.5	-8	-11.9	-20.8	-20.3	-29.9	-85.9	-8.2
FF-9	11.2	2.5	-7.9	-11.8	-20.7	-20.3	-29.7	-85.5	-8.2
FF-10	11.2	2.5	-7.9	-11.8	-20.7	-20.2	-29.6	-85.1	-8.2
PH-1	19.2	15.1	9.4	12.5	11.6	15.1	1.4	-57.4	18.4
PH-2	19.1	14.9	9.3	12.5	11.6	15.2	1.5	-57	18.5
PH-3	19	14.8	9.1	12.6	11.7	15.3	1.7	-56.5	18.5
PH-4	18.8	14.6	9	12.6	11.7	15.3	1.8	-56.1	18.6
PH-5	18.7	14.5	8.8	12.7	11.8	15.4	2	-55.7	18.7
PH-6	18.5	14.3	8.7	12.7	11.9	15.5	2.1	-55.3	18.7
PH-7	18.3	14.1	8.8	12.8	11.9	15.5	2.3	-54.9	18.8
PH-8	18.1	13.9	8.8	12.8	12	15.6	2.4	-54.5	18.9
PH-9	17.8	13.6	8.9	12.9	12	15.7	2.6	-54	18.9
PH-10	17.6	13.4	8.9	12.9	12.1	15.8	2.7	-53.6	19
PH-11	17.3	13.1	9	13	12.1	15.8	2.8	-53.3	19.1
PH-12	17	12.8	9	13	12.2	15.9	3	-52.9	19.1
PH-13	16.7	12.5	9.1	13.1	12.3	16	3.1	-52.5	19.2
PH-14	16.3	12.1	9.1	13.1	12.3	16.1	3.3	-52	19.3
PH-15	16	11.8	9.1	13.2	12.4	16.1	3.4	-51.6	19.3
PH-16	15.5	11.9	9.2	13.2	12.4	16.2	3.6	-51.2	19.4
PH-17	15.1	11.9	9.2	13.3	12.5	16.3	3.7	-50.8	19.5
PH-18	14.6	11.9	9.3	13.3	12.6	16.4	3.9	-50.4	19.6
PH-19	14	12	9.3	13.4	12.6	16.5	4	-50	19.6
PH-20	13.4	12	9.4	13.4	12.7	16.5	4.2	-49.6	19.7
PH-21	13.3	12.1	9.4	13.5	12.7	16.6	4.3	-49.2	19.8
KIT-1	15.7	12.2	9.6	13.7	12.9	16.8	4.7	-48	20
KIT-2	15.1	12.3	9.6	13.7	13	16.9	4.9	-47.4	20.1
KIT-3	14.4	12.3	9.7	13.8	13.1	17	5.2	-46.8	20.2
KIT-4	13.8	12.4	9.8	13.9	13.2	17.1	5.3	-46.4	20.3
R17	40.1	38.2	34.8	37.9	35.5	37.2	20.4	-44.2	41.5
FF-1	13.6	6.2	-3.2	-6.5	-15.5	-15.8	-32.8	-109.9	-4
FF-2	13.7	6.3	-3.1	-6.5	-15.5	-15.8	-32.7	-109.5	-4
FF-3	13.7	6.3	-3.1	-6.4	-15.4	-15.7	-32.5	-109.1	-4
FF-4	13.7	6.3	-3.1	-6.4	-15.3	-15.6	-32.4	-108.7	-3.9
FF-5	13.8	6.4	-3	-6.4	-15.3	-15.5	-32.2	-108.2	-3.9
FF-6	13.8	6.4	-3	-6.3	-15.2	-15.5	-32.1	-107.8	-3.8
FF-7	13.8	6.4	-3	-6.3	-15.2	-15.4	-31.9	-107.4	-3.8
FF-8	13.8	6.5	-2.9	-6.2	-15.1	-15.3	-31.8	-107	-3.8
FF-9	13.9	6.5	-2.9	-6.2	-15.1	-15.3	-31.7	-106.5	-3.7
FF-10	13.9	6.5	-2.8	-6.1	-15	-15.2	-31.5	-106.1	-3.7
PH-1	21.5	17.4	11.7	12.6	10.5	13.7	-1.4	-65.4	17.4
PH-2	21.5	17.4	11.7	12.6	10.5	13.8	-1.3	-65.1	17.5
PH-3	21.5	17.4	11.7	12.7	10.6	13.8	-1.2	-64.7	17.5
PH-4	31.6	30	26.7	29.8	27.4	28.9	11.7	-54.2	33.3
PH-5	31.6	30	26.8	29.8	27.4	28.9	11.8	-54	33.3
PH-6	31.6	30	26.8	29.8	27.5	28.9	11.8	-53.7	33.4
PH-7	31.7	30.1	26.8	29.9	27.5	29	11.9	-53.5	33.4
PH-8	31.7	30.1	26.8	29.9	27.5	29	12	-53.2	33.4
PH-9	31.7	30.1	26.8	29.9	27.5	29	12.1	-52.9	33.4
PH-10	19.3	15.1	9.4	11.9	10.8	14.2	-0.5	-62.6	17.6
PH-11	19.1	14.9	9.2	11.9	10.9	14.2	-0.4	-62.4	17.6
PH-12	18.8	14.6	8.9	11.9	10.9	14.3	-0.3	-62.1	17.6
PH-13	18.5	14.3	8.6	12	10.9	14.3	-0.2	-61.8	17.7
PH-14	18.1	13.9	8.2	12	11	14.4	0	-61.5	17.7
PH-15	17.7	13.4	8.1	12	11	14.4	0	-61.2	17.8
PH-16	17	12.8	8.1	12.1	11.1	14.5	0.2	-60.9	17.8
PH-17	16.4	12.1	8.2	12.1	11.1	14.5	0.2	-60.6	17.8
PH-18	15.3	11.1	8.2	12.1	11.1	14.6	0.4	-60.3	17.9

PH-19	14	11	8.2	12.2	11.2	14.6	0.5	-60	17.9
PH-20	13.2	11	8.2	12.2	11.2	14.7	0.5	-59.8	18
PH-21	12.4	11	8.3	12.2	11.3	14.7	0.6	-59.6	18
KIT-1	15.5	11.3	7.6	11.5	10.4	13.6	-1.6	-65.8	17
KIT-2	14.9	10.7	7.7	11.5	10.5	13.7	-1.4	-65.5	17.1
KIT-3	14.1	10.5	7.7	11.6	10.5	13.7	-1.3	-65.1	17.1
KIT-4	13.4	10.5	7.7	11.6	10.5	13.8	-1.2	-64.9	17.1
R18	44.9	41.5	36.5	38.2	35.5	38.1	29.3	-5.2	42.4
FF-1	5	-4.1	-14.8	-17.6	-23.5	-20	-28.8	-83	-13.1
FF-2	4.8	-4.4	-15	-17.5	-23.5	-19.9	-28.7	-82.6	-13.1
FF-3	4.5	-4.7	-15.3	-17.5	-23.4	-19.9	-28.5	-82.2	-13.2
FF-4	4	-5.2	-15.8	-17.4	-23.4	-19.8	-28.4	-81.7	-13.4
FF-5	3.4	-5.8	-16.4	-17.4	-23.3	-19.7	-28.2	-81.3	-13.5
FF-6	2.5	-6.7	-16.3	-17.3	-23.2	-19.6	-28.1	-80.9	-13.7
FF-7	2.4	-6.8	-16.3	-17.3	-23.2	-19.5	-27.9	-80.4	-13.7
FF-8	2.3	-6.9	-16.2	-17.2	-23.1	-19.5	-27.8	-80	-13.6
FF-9	2.2	-7	-16.2	-17.2	-23	-19.4	-27.6	-79.5	-13.6
FF-10	2.1	-7.1	-16.1	-17.1	-23	-19.3	-27.4	-79.1	-13.5
PH-1	25.6	21.6	16.3	17.7	17.5	22.5	15	-20.5	25.6
PH-2	25.7	21.7	16.3	17.7	17.6	22.5	15	-20.3	25.7
PH-3	25.7	21.7	16.3	17.8	17.6	22.6	15.1	-20.1	25.7
PH-4	25.7	21.7	16.4	17.8	17.7	22.6	15.2	-19.9	25.8
PH-5	25.7	21.7	16.4	17.9	17.7	22.7	15.3	-19.7	25.8
PH-6	25.7	21.7	16.4	17.9	17.7	22.7	15.4	-19.5	25.9
PH-7	32.6	29.2	24.3	26	22.9	25	15.4	-19.3	29.6
PH-8	32.6	29.3	24.3	26	23	25	15.5	-19.1	29.6
PH-9	32.6	29.3	24.3	26	23	25	15.6	-18.9	29.6
PH-10	32.6	29.3	24.4	26	23	25.1	15.7	-18.7	29.7
PH-11	32.7	29.3	24.4	26.1	23.1	25.1	15.7	-18.6	29.7
PH-12	32.7	29.3	24.4	26.1	23.1	25.1	15.8	-18.4	29.7
PH-13	32.7	29.4	24.4	26.1	23.1	25.2	15.9	-18.2	29.8
PH-14	32.7	29.4	24.5	26.1	23.1	25.2	15.9	-18	29.8
PH-15	32.7	29.4	24.5	26.1	23.2	25.2	16	-17.9	29.8
PH-16	32.8	29.4	24.5	26.2	23.2	25.3	16.1	-17.7	29.8
PH-17	32.8	29.4	24.5	26.2	23.2	25.3	16.1	-17.6	29.9
PH-18	32.8	29.5	24.5	26.2	23.2	25.3	16.2	-17.4	29.9
PH-19	32.8	29.5	24.6	26.2	23.3	25.3	16.3	-17.2	29.9
PH-20	32.8	29.5	24.6	26.2	23.3	25.4	16.3	-17.1	29.9
PH-21	32.9	29.5	24.6	26.3	23.3	25.4	16.4	-17	30
KIT-1	19.3	15.2	11.9	16.2	15.9	20.4	11.4	-29.8	23.5
KIT-2	19.3	15.2	11.9	16.2	15.9	20.4	11.4	-29.7	23.5
KIT-3	19.3	15.2	11.9	16.2	15.9	20.5	11.5	-29.7	23.5
KIT-4	19.4	15.2	11.9	16.2	15.9	20.5	11.5	-29.7	23.5
R19	44.7	41.8	37.1	38.9	36	38.1	26.6	-16.8	42.5
FF-1	1.9	-7.4	-17.8	-19	-25.2	-22.1	-33.1	-95.3	-15.5
FF-2	1.9	-7.4	-17.8	-18.9	-25.1	-22.1	-33	-94.9	-15.5
FF-3	1.8	-7.4	-17.7	-18.9	-25.1	-22	-32.8	-94.6	-15.4
FF-4	1.8	-7.4	-17.7	-18.9	-25	-21.9	-32.7	-94.1	-15.4
FF-5	1.8	-7.5	-17.7	-18.8	-25	-21.9	-32.5	-93.6	-15.4
FF-6	5	-4.2	-14.9	-18.8	-24.9	-21.8	-32.4	-93.3	-13.9
FF-7	5	-4.2	-14.9	-18.7	-24.9	-21.7	-32.2	-92.8	-13.9
FF-8	5	-4.2	-14.9	-18.7	-24.8	-21.6	-32.1	-92.4	-13.9
FF-9	5	-4.2	-14.9	-18.6	-24.7	-21.6	-31.9	-91.9	-13.8
FF-10	0.9	-8.4	-17.4	-18.6	-24.7	-21.5	-31.8	-91.5	-15.3
PH-1	24	20	14.5	16	15.6	20.1	10.8	-31.4	23.3
PH-2	24	20	14.5	16	15.6	20.1	10.8	-31.3	23.3
PH-3	24	20	14.6	16	15.6	20.2	10.9	-31.1	23.3
PH-4	24	20	14.6	16	15.7	20.2	11	-31	23.3
PH-5	24	20	14.6	16	15.7	20.2	11	-30.8	23.4
PH-6	24	20	14.6	16.1	15.7	20.2	11.1	-30.7	23.4
PH-7	24.1	20	14.6	16.1	15.7	20.3	11.1	-30.6	23.4

PH-8	32.7	29.9	25.2	27	23.9	25.6	13.5	-30.4	30.2
PH-9	32.8	29.9	25.2	27	23.9	25.6	13.6	-30.3	30.3
PH-10	32.8	29.9	25.3	27.1	24	25.7	13.7	-30.2	30.3
PH-11	32.8	30	25.3	27.1	24	25.7	13.7	-30	30.4
PH-12	32.9	30	25.4	27.1	24.1	25.8	13.8	-29.9	30.4
PH-13	32.9	30	25.4	27.2	24.1	25.8	13.9	-29.8	30.5
PH-14	32.9	30.1	25.4	27.2	24.1	25.9	13.9	-29.7	30.5
PH-15	32.9	30.1	25.5	27.3	24.2	25.9	14	-29.6	30.6
PH-16	33	30.1	25.5	27.3	24.2	26	14.1	-29.4	30.6
PH-17	33	30.2	25.5	27.3	24.3	26	14.1	-29.3	30.7
PH-18	33	30.2	25.6	27.4	24.3	26.1	14.2	-29.2	30.7
PH-19	33.1	30.2	25.6	27.4	24.4	26.1	14.3	-29.1	30.8
PH-20	33.1	30.3	25.7	27.5	24.4	26.2	14.3	-29	30.8
PH-21	33.1	30.3	25.7	27.5	24.5	26.2	14.4	-29	30.8
KIT-1	17.8	13.7	10.2	14.4	13.8	17.9	6.8	-42.4	21
KIT-2	17.8	13.7	10.3	14.4	13.8	17.9	6.8	-42.3	21
KIT-3	17.9	13.7	10.3	14.4	13.8	17.9	6.8	-42.3	21
KIT-4	17.9	13.7	10.3	14.4	13.8	17.9	6.8	-42.3	21
R20	42.6	39.9	35.4	37.2	33.9	35.1	19.6	-38.9	40.1
FF-1	-5.7	-12.1	-20.2	-21.6	-28.4	-26.4	-42.1	-121.8	-19.5
FF-2	-5.7	-12.1	-20.1	-21.6	-28.4	-26.4	-42	-121.5	-19.4
FF-3	-5.7	-12.1	-20.1	-21.6	-28.3	-26.3	-41.8	-121.1	-19.4
FF-4	-5.6	-12.1	-20.1	-21.5	-28.3	-26.2	-41.7	-120.7	-19.4
FF-5	-5.6	-12	-20	-21.5	-28.2	-26.2	-41.5	-120.3	-19.3
FF-6	-5.6	-12	-20	-21.5	-28.2	-26.1	-41.4	-119.9	-19.3
FF-7	-5.5	-12	-20	-21.4	-28.1	-26	-41.3	-119.5	-19.2
FF-8	-5.5	-11.9	-19.9	-21.4	-28.1	-26	-41.2	-119.1	-19.2
FF-9	-5.5	-11.9	-19.9	-21.3	-28.1	-25.9	-41	-118.7	-19.1
FF-10	-5.4	-11.9	-19.9	-21.3	-28	-25.8	-40.9	-118.2	-19.1
PH-1	31.4	28.9	24.6	26.5	23.1	24.1	8.3	-50.8	29.2
PH-2	31.3	28.9	24.5	26.4	23.1	24.1	8.2	-50.8	29.1
PH-3	21.4	17.3	11.7	13	12.2	15.9	2.9	-53.2	19.2
PH-4	21.4	17.3	11.7	13	12.2	15.9	2.9	-53.2	19.2
PH-5	21.4	17.3	11.6	13	12.2	15.9	2.9	-53.2	19.2
PH-6	21.4	17.2	11.6	13	12.2	15.9	2.9	-53.2	19.2
PH-7	21.4	17.3	11.6	13	12.2	15.9	2.9	-53.2	19.2
PH-8	21.4	17.3	11.7	13	12.2	15.9	2.9	-53.2	19.2
PH-9	21.4	17.3	11.7	13	12.1	15.8	2.8	-53.3	19.2
PH-10	23.2	19.2	13.6	14.7	12.1	15.8	2.8	-53.3	19.5
PH-11	31.2	28.6	24.2	26	22.6	23.5	7.7	-51.4	28.7
PH-12	31.1	28.6	24.2	26	22.6	23.5	7.6	-51.5	28.6
PH-13	31.1	28.6	24.1	25.9	22.5	23.4	7.5	-51.6	28.6
PH-14	31.1	28.5	24.1	25.9	22.4	23.4	7.5	-51.6	28.5
PH-15	31.1	28.5	24	25.8	22.4	23.3	7.4	-51.7	28.5
PH-16	31.1	28.5	24	25.8	22.3	23.3	7.3	-51.8	28.4
PH-17	31	28.4	23.9	25.7	22.3	23.2	7.3	-51.9	28.4
PH-18	31	28.4	23.9	25.7	22.2	23.1	7.2	-52	28.3
PH-19	31	28.4	23.9	25.6	22.2	23.1	7.1	-52.1	28.2
PH-20	31	28.3	23.8	25.6	22.1	23	7.1	-52.2	28.2
PH-21	30.9	28.3	23.8	25.5	22.1	23	7	-52.3	28.1
KIT-1	15.3	11.1	7.3	11.2	10	13.1	-2.7	-69	16.5
KIT-2	15.3	11.1	7.3	11.1	10	13.1	-2.7	-69.1	16.5
KIT-3	15.3	11.1	7.3	11.1	10	13	-2.7	-69.2	16.5
KIT-4	15.4	11.1	7.3	11.1	9.9	13	-2.8	-69.4	16.5
R21	42.5	40	35.8	37.7	34.5	35.6	19.7	-40.2	40.6
FF-1	-5.9	-12.4	-20.4	-22	-28.8	-26.9	-43.2	-125.2	-19.8
FF-2	-5.9	-12.4	-20.4	-21.9	-28.8	-26.9	-43.1	-124.8	-19.8
FF-3	-5.9	-12.3	-20.4	-21.9	-28.7	-26.8	-42.9	-124.5	-19.8
FF-4	-5.9	-12.3	-20.4	-21.9	-28.7	-26.8	-42.8	-124.1	-19.7
FF-5	-5.8	-12.3	-20.3	-21.8	-28.6	-26.7	-42.7	-123.6	-19.7
FF-6	-5.8	-12.3	-20.3	-21.8	-28.6	-26.6	-42.6	-123.3	-19.6

FF-7	-5.8	-12.2	-20.3	-21.7	-28.5	-26.6	-42.4	-122.8	-19.6
FF-8	-5.7	-12.2	-20.2	-21.7	-28.5	-26.5	-42.3	-122.5	-19.6
FF-9	-5.7	-12.2	-20.2	-21.7	-28.4	-26.4	-42.2	-122.1	-19.5
FF-10	-5.7	-12.1	-20.2	-21.6	-28.4	-26.4	-42	-121.7	-19.5
PH-1	31.6	29.3	25.2	27.3	24.1	25.1	9	-51.1	30.1
PH-2	31.5	29.3	25.2	27.2	24	25	8.9	-51.2	30
PH-3	31.5	29.3	25.1	27.2	24	24.9	8.8	-51.3	29.9
PH-4	21.2	17.1	11.5	12.8	11.9	15.5	2.2	-55.1	18.9
PH-5	21.2	17.1	11.5	12.8	11.9	15.5	2.2	-55.1	18.9
PH-6	21.2	17.1	11.5	12.7	11.9	15.5	2.2	-55.2	18.8
PH-7	21.2	17.1	11.5	12.7	11.9	15.5	2.1	-55.2	18.8
PH-8	21.2	17.1	11.5	12.7	11.9	15.5	2.1	-55.3	18.8
PH-9	21.2	17.1	11.5	12.7	11.8	15.5	2.1	-55.4	18.8
PH-10	21.2	17.1	11.5	12.7	11.8	15.4	2.1	-55.5	18.8
PH-11	22	17.9	12.3	13.4	11.8	15.4	2	-55.5	18.9
PH-12	23.7	19.7	14.1	15.2	11.8	15.4	2	-55.6	19.3
PH-13	31.3	29	24.8	26.8	23.4	24.4	8.1	-52.5	29.5
PH-14	31.3	29	24.7	26.7	23.4	24.3	8	-52.6	29.4
PH-15	31.3	28.9	24.7	26.7	23.3	24.3	8	-52.7	29.3
PH-16	31.3	28.9	24.7	26.6	23.3	24.2	7.9	-52.9	29.3
PH-17	31.2	28.9	24.6	26.6	23.2	24.1	7.8	-53	29.2
PH-18	31.2	28.9	24.6	26.5	23.2	24.1	7.7	-53.1	29.2
PH-19	31.2	28.8	24.5	26.5	23.1	24	7.7	-53.3	29.1
PH-20	31.2	28.8	24.5	26.4	23.1	23.9	7.6	-53.4	29.1
PH-21	31.2	28.8	24.5	26.4	23	23.9	7.5	-53.5	29
KIT-1	15.1	10.8	7	10.8	9.5	12.5	-3.8	-72.4	16
KIT-2	15.1	10.8	7	10.8	9.5	12.5	-3.9	-72.6	16
KIT-3	15.1	10.8	6.9	10.7	9.5	12.4	-4	-72.8	15.9
KIT-4	15.1	10.8	6.9	10.7	9.5	12.4	-4	-73	15.9
R22	43.6	41.6	38	40.8	38.4	40.5	27.4	-22.8	44.7
FF-1	-5	-11.4	-19.3	-20.7	-27.2	-24.8	-38.6	-111.5	-18.3
FF-2	-4.9	-11.3	-19.3	-20.6	-27.2	-24.7	-38.5	-111.2	-18.3
FF-3	-4.9	-11.3	-19.3	-20.6	-27.1	-24.7	-38.4	-110.9	-18.2
FF-4	-4.9	-11.3	-19.2	-20.6	-27.1	-24.7	-38.3	-110.6	-18.2
FF-5	-4.9	-11.3	-19.2	-20.5	-27.1	-24.6	-38.2	-110.3	-18.2
FF-6	-4.8	-11.2	-19.2	-20.5	-27	-24.6	-38.1	-110	-18.1
FF-7	-4.8	-11.2	-19.1	-20.5	-27	-24.5	-38	-109.7	-18.1
FF-8	-4.8	-11.2	-19.1	-20.5	-27	-24.5	-37.9	-109.4	-18.1
FF-9	-4.8	-11.2	-19.1	-20.4	-26.9	-24.4	-37.8	-109.1	-18
FF-10	-4.8	-11.2	-19.1	-20.4	-26.9	-24.4	-37.7	-108.8	-18
PH-1	34	32.3	28.9	31.8	29.4	31.4	18.3	-31.3	35.7
PH-2	33.9	32.2	28.8	31.7	29.4	31.3	18.2	-31.6	35.6
PH-3	33.9	32.2	28.8	31.6	29.3	31.2	18	-32	35.5
PH-4	33.8	32.1	28.7	31.6	29.2	31.1	17.9	-32.4	35.4
PH-5	33.8	32.1	28.6	31.5	29.1	31	17.7	-32.7	35.3
PH-6	33.8	32	28.6	31.4	29	31	17.6	-33	35.2
PH-7	33.7	32	28.5	31.4	29	30.9	17.4	-33.3	35.1
PH-8	33.7	31.9	28.5	31.3	28.9	30.8	17.3	-33.7	35.1
PH-9	23.6	19.6	14.1	15.3	14	18.1	7.2	-41.2	21.4
PH-10	23.6	19.6	14.1	15.3	13.9	18.1	7.1	-41.5	21.4
PH-11	23.6	19.6	14.1	15.3	13.9	18	7	-41.8	21.3
PH-12	23.6	19.5	14	15.2	13.8	17.9	6.9	-42.1	21.3
PH-13	23.6	19.5	14	15.2	13.8	17.9	6.7	-42.5	21.2
PH-14	23.5	19.5	14	15.2	13.7	17.8	6.6	-42.8	21.2
PH-15	23.5	19.5	14	15.2	13.7	17.8	6.5	-43.1	21.1
PH-16	23.6	19.6	14.1	15.3	13.6	17.7	6.4	-43.4	21.1
PH-17	24	20	14.5	15.7	13.6	17.6	6.3	-43.7	21.1
PH-18	24.4	20.4	14.9	16.1	13.5	17.6	6.1	-44	21.1
PH-19	24.7	20.7	15.2	16.4	13.5	17.5	6	-44.4	21.2
PH-20	24.9	21	15.5	16.7	13.4	17.4	5.9	-44.7	21.2
PH-21	25.1	21.2	15.7	16.9	13.4	17.4	5.8	-45	21.2
KIT-1	16.9	12.7	8	11.9	10.9	14.3	-0.2	-61.9	17.6

KIT-2	16.9	12.7	8	11.9	10.9	14.2	-0.4	-62.4	17.6
KIT-3	16.9	12.7	7.9	11.8	10.8	14.1	-0.5	-62.9	17.5
KIT-4	16.9	12.7	7.9	11.8	10.7	14.1	-0.7	-63.3	17.4
R23	37.3	33.2	27.8	29.8	29.2	33.7	24.3	-17.5	36.8
FF-1	-3.2	-9.5	-17.3	-18.4	-24.5	-21.3	-31.4	-90.3	-15.6
FF-2	-3.2	-9.5	-17.3	-18.4	-24.5	-21.3	-31.3	-90.1	-15.6
FF-3	-3.2	-9.5	-17.3	-18.4	-24.5	-21.2	-31.3	-90	-15.6
FF-4	-3.2	-9.5	-17.3	-18.4	-24.5	-21.2	-31.2	-89.8	-15.5
FF-5	-3.2	-9.5	-17.3	-18.4	-24.4	-21.2	-31.1	-89.6	-15.5
FF-6	-3.1	-9.5	-17.2	-18.3	-24.4	-21.1	-31.1	-89.5	-15.5
FF-7	-3.1	-9.5	-17.2	-18.3	-24.4	-21.1	-31	-89.3	-15.5
FF-8	-3.1	-9.4	-17.2	-18.3	-24.4	-21.1	-31	-89.2	-15.4
FF-9	-3.1	-9.4	-17.2	-18.3	-24.4	-21.1	-30.9	-89	-15.4
FF-10	-3.1	-9.4	-17.2	-18.3	-24.3	-21	-30.9	-88.9	-15.4
PH-1	22.3	18.3	12.8	16.6	16.3	21	12.5	-27	24.1
PH-2	22.6	18.5	13	16.6	16.3	20.9	12.3	-27.4	24
PH-3	22.8	18.7	13.3	16.5	16.2	20.8	12.1	-28	23.9
PH-4	23	18.9	13.5	16.4	16.1	20.7	11.9	-28.5	23.8
PH-5	23.1	19.1	13.6	16.3	16	20.6	11.8	-28.9	23.7
PH-6	23.3	19.2	13.8	16.3	15.9	20.5	11.6	-29.3	23.7
PH-7	23.4	19.3	13.9	16.2	15.9	20.4	11.4	-29.8	23.6
PH-8	23.5	19.5	14	16.1	15.8	20.3	11.3	-30.2	23.5
PH-9	23.6	19.6	14.1	16.1	15.7	20.2	11.1	-30.7	23.4
PH-10	23.7	19.7	14.2	16	15.6	20.1	10.9	-31.2	23.3
PH-11	23.8	19.8	14.3	15.9	15.5	20.1	10.7	-31.6	23.2
PH-12	23.9	19.9	14.4	15.9	15.5	20	10.6	-32	23.1
PH-13	24	19.9	14.5	15.8	15.4	19.9	10.4	-32.5	23
PH-14	24	20	14.6	15.8	15.3	19.8	10.2	-33	23
PH-15	24.1	20.1	14.6	15.9	15.2	19.7	10.1	-33.4	22.9
PH-16	24.2	20.1	14.7	16	15.2	19.6	9.9	-33.9	22.8
PH-17	24.2	20.2	14.7	16	15.1	19.5	9.7	-34.3	22.7
PH-18	24.2	20.2	14.8	16	15	19.4	9.5	-34.8	22.7
PH-19	24.3	20.3	14.8	16.1	14.9	19.3	9.4	-35.2	22.6
PH-20	24.3	20.3	14.8	16.1	14.9	19.2	9.2	-35.7	22.5
PH-21	24.3	20.3	14.9	16.1	14.8	19.1	9.1	-36	22.4
KIT-1	20.4	16.3	10.7	13.5	12.8	16.7	4.4	-48.8	19.9
KIT-2	20.4	16.3	10.7	13.5	12.7	16.6	4.2	-49.4	19.8
KIT-3	20.5	16.3	10.7	13.4	12.6	16.4	4	-50.1	19.7
KIT-4	20.5	16.3	10.7	13.3	12.5	16.3	3.8	-50.7	19.6
R24	33.9	29.8	26.1	30.2	29.8	34.4	25.5	-14.4	37.5
FF-1	-1.9	-8.2	-15.8	-16.8	-22.6	-18.8	-26.5	-76.4	-13.5
FF-2	-1.9	-8.2	-15.8	-16.8	-22.6	-18.8	-26.5	-76.3	-13.5
FF-3	-1.9	-8.2	-15.8	-16.8	-22.6	-18.8	-26.4	-76.3	-13.5
FF-4	-1.9	-8.1	-15.8	-16.8	-22.6	-18.8	-26.4	-76.2	-13.5
FF-5	-1.9	-8.1	-15.8	-16.8	-22.5	-18.8	-26.4	-76.1	-13.5
FF-6	-1.8	-8.1	-15.8	-16.7	-22.5	-18.8	-26.4	-76.1	-13.5
FF-7	-1.8	-8.1	-15.8	-16.7	-22.5	-18.7	-26.3	-76	-13.4
FF-8	-1.8	-8.1	-15.8	-16.7	-22.5	-18.7	-26.3	-75.9	-13.4
FF-9	-1.8	-8.1	-15.8	-16.7	-22.5	-18.7	-26.3	-75.9	-13.4
FF-10	-1.8	-8.1	-15.8	-16.7	-22.5	-18.7	-26.3	-75.8	-13.4
PH-1	22.8	18.8	13.3	17.1	16.9	21.7	13.7	-23.9	24.8
PH-2	23	19	13.6	17.1	16.8	21.6	13.5	-24.3	24.7
PH-3	23.3	19.2	13.8	17	16.7	21.5	13.3	-24.9	24.6
PH-4	19	15	12.6	16.9	16.6	21.4	13.1	-25.3	24.5
PH-5	19	15	12.5	16.8	16.6	21.3	12.9	-25.8	24.4
PH-6	19	14.9	12.4	16.8	16.5	21.2	12.8	-26.2	24.3
PH-7	18.9	14.9	12.4	16.7	16.4	21.1	12.6	-26.6	24.2
PH-8	18.9	14.8	12.3	16.6	16.3	21	12.4	-27.1	24.1
PH-9	18.8	14.7	12.2	16.6	16.2	20.9	12.3	-27.6	24
PH-10	18.8	14.7	12.2	16.5	16.2	20.8	12.1	-28	23.9
PH-11	18.8	14.7	12.1	16.4	16.1	20.7	11.9	-28.4	23.8

PH-12	18.8	14.7	12.1	16.4	16	20.6	11.8	-28.9	23.7
PH-13	18.7	14.6	12	16.3	15.9	20.5	11.6	-29.3	23.6
PH-14	18.7	14.6	11.9	16.2	15.9	20.4	11.4	-29.8	23.5
PH-15	18.7	14.5	11.9	16.1	15.8	20.3	11.3	-30.2	23.4
PH-16	18.7	14.5	11.8	16.1	15.7	20.2	11.1	-30.7	23.3
PH-17	18.6	14.5	11.7	16	15.6	20.2	10.9	-31.1	23.2
PH-18	18.6	14.5	11.7	15.9	15.5	20.1	10.7	-31.6	23.1
PH-19	18.6	14.4	11.6	15.9	15.5	20	10.6	-32.1	23
PH-20	18.5	14.4	11.5	15.8	15.4	19.9	10.4	-32.5	23
PH-21	18.5	14.3	11.5	15.7	15.3	19.8	10.3	-32.9	22.9
KIT-1	21	16.9	11.4	14.6	14	18.1	7.2	-41.2	21.3
KIT-2	21	16.9	11.4	14.5	13.9	18	6.9	-41.8	21.2
KIT-3	21.1	16.9	11.4	14.4	13.7	17.9	6.7	-42.6	21
KIT-4	21.1	16.9	11.4	14.3	13.7	17.7	6.5	-43.2	20.9
R25	30.3	27.6	24.6	28.8	28.3	32.5	22	-24.1	35.6
FF-1	-1.7	-8	-15.6	-16.6	-22.3	-18.5	-25.8	-74.5	-13.2
FF-2	-1.7	-8	-15.6	-16.6	-22.3	-18.5	-25.8	-74.6	-13.2
FF-3	-1.7	-8	-15.6	-16.6	-22.3	-18.5	-25.9	-74.6	-13.2
FF-4	-1.7	-8	-15.6	-16.6	-22.3	-18.5	-25.9	-74.7	-13.2
FF-5	-1.7	-8	-15.6	-16.6	-22.3	-18.5	-25.9	-74.7	-13.2
FF-6	-1.7	-8	-15.6	-16.6	-22.3	-18.5	-25.9	-74.7	-13.2
FF-7	-1.7	-8	-15.6	-16.6	-22.3	-18.5	-25.9	-74.8	-13.2
FF-8	-1.7	-8	-15.6	-16.6	-22.3	-18.5	-25.9	-74.8	-13.2
FF-9	-1.7	-8	-15.7	-16.6	-22.4	-18.5	-25.9	-74.8	-13.3
FF-10	-1.7	-8	-15.7	-16.6	-22.4	-18.5	-26	-74.9	-13.3
PH-1	15.8	13.9	11.3	15.6	15.1	19.5	9.8	-34.1	22.6
PH-2	15.7	13.8	11.3	15.5	15.1	19.5	9.7	-34.4	22.6
PH-3	15.7	13.7	11.2	15.4	15	19.4	9.5	-34.9	22.5
PH-4	15.7	13.7	11.2	15.4	14.9	19.3	9.3	-35.3	22.4
PH-5	15.7	13.6	11.1	15.3	14.9	19.2	9.2	-35.7	22.3
PH-6	15.7	13.6	11.1	15.3	14.8	19.1	9.1	-36.1	22.2
PH-7	15.7	13.6	11	15.2	14.7	19.1	8.9	-36.5	22.1
PH-8	15.6	13.5	11	15.2	14.7	19	8.8	-36.9	22.1
PH-9	15.6	13.4	10.9	15.1	14.6	18.9	8.6	-37.3	22
PH-10	15.6	13.4	10.8	15	14.5	18.8	8.5	-37.7	21.9
PH-11	15.5	13.4	10.8	15	14.5	18.7	8.3	-38.1	21.8
PH-12	15.5	13.3	10.7	14.9	14.4	18.7	8.2	-38.4	21.8
PH-13	15.5	13.3	10.7	14.9	14.3	18.6	8	-38.9	21.7
PH-14	15.5	13.2	10.6	14.8	14.3	18.5	7.9	-39.3	21.6
PH-15	15.4	13.2	10.6	14.8	14.2	18.4	7.8	-39.6	21.5
PH-16	15.4	13.1	10.5	14.7	14.1	18.3	7.6	-40.1	21.4
PH-17	15.4	13.1	10.5	14.7	14.1	18.3	7.5	-40.5	21.4
PH-18	15.4	13	10.4	14.6	14	18.2	7.3	-40.9	21.3
PH-19	15.3	13	10.4	14.5	13.9	18.1	7.1	-41.3	21.2
PH-20	15.3	12.9	10.3	14.5	13.9	18	7	-41.7	21.1
PH-21	15.2	12.9	10.3	14.4	13.8	18	6.9	-42	21.1
KIT-1	18.9	14.7	9.8	13.9	13.2	17.2	5.4	-46.2	20.3
KIT-2	18.9	14.7	9.7	13.8	13.1	17	5.1	-46.8	20.2
KIT-3	18.8	14.6	9.6	13.7	13	16.9	4.9	-47.5	20.1
KIT-4	18.7	14.5	9.6	13.6	12.9	16.8	4.7	-48.1	20
R26	55.5	54.4	52.1	56.9	57.4	63.5	61.5	46.7	67.5
FF-1	0.1	-6.2	-13.7	-14.5	-19.9	-15.5	-20.2	-59.2	-10.4
FF-2	0.1	-6.1	-13.6	-14.4	-19.8	-15.4	-20.1	-58.8	-10.3
FF-3	0.2	-6.1	-13.6	-14.3	-19.8	-15.3	-20	-58.5	-10.3
FF-4	0.2	-6	-13.5	-14.3	-19.7	-15.2	-19.8	-58.1	-10.2
FF-5	0.3	-6	-13.5	-14.2	-19.6	-15.2	-19.6	-57.6	-10.1
FF-6	0.3	-5.9	-13.4	-14.2	-19.6	-15.1	-19.5	-57.2	-10
FF-7	0.4	-5.8	-13.4	-14.1	-19.5	-15	-19.3	-56.8	-9.9
FF-8	0.4	-5.8	-13.3	-14	-19.4	-14.9	-19.2	-56.4	-9.8
FF-9	0.5	-5.7	-13.2	-14	-19.3	-14.8	-19	-56	-9.8
FF-10	0.5	-5.7	-13.2	-13.9	-19.3	-14.7	-18.9	-55.6	-9.7

PH-1	33.1	29.2	24.1	25.9	26.4	32.6	30.6	15.6	36.6
PH-2	32.1	28.2	23.1	26	26.5	32.6	30.6	15.7	36.6
PH-3	32.2	28.2	23.1	26	26.5	32.6	30.6	15.8	36.6
PH-4	32.2	28.3	23.1	26	26.5	32.7	30.7	15.8	36.7
PH-5	32.2	28.3	23.1	26	26.6	32.7	30.7	15.9	36.7
PH-6	32.2	28.3	23.1	26.1	26.6	32.7	30.8	16	36.7
PH-7	32.2	28.3	23.1	26.1	26.6	32.7	30.8	16	36.7
PH-8	32.2	28.3	23.2	26.1	26.6	32.7	30.8	16.1	36.7
PH-9	32.2	28.3	23.2	26.1	26.6	32.7	30.8	16.1	36.7
PH-10	44.6	43.5	41.3	46.1	46.6	52.7	50.8	36.1	56.7
PH-11	44.6	43.5	41.3	46.1	46.6	52.7	50.8	36.1	56.7
PH-12	44.6	43.5	41.3	46.1	46.6	52.7	50.8	36.1	56.7
PH-13	44.6	43.5	41.3	46.1	46.6	52.7	50.8	36	56.7
PH-14	44.6	43.5	41.3	46.1	46.6	52.7	50.8	36	56.7
PH-15	44.6	43.5	41.3	46.1	46.6	52.7	50.7	36	56.7
PH-16	44.5	43.5	41.3	46	46.5	52.7	50.7	35.9	56.6
PH-17	44.5	43.5	41.3	46	46.5	52.7	50.7	35.8	56.6
PH-18	44.5	43.4	41.2	46	46.5	52.6	50.6	35.8	56.6
PH-19	44.5	43.4	41.2	46	46.5	52.6	50.6	35.7	56.6
PH-20	44.4	43.4	41.2	45.9	46.4	52.6	50.6	35.6	56.5
PH-21	44.4	43.3	41.2	45.9	46.4	52.5	50.5	35.5	56.5
KIT-1	23.2	19.1	16.3	20.9	21	26.5	21.6	-4	29.9
KIT-2	23.1	19.1	16.3	20.8	21	26.4	21.5	-4.3	29.8
KIT-3	23.1	19.1	16.2	20.7	20.9	26.4	21.4	-4.6	29.7
KIT-4	23.1	19	16.1	20.7	20.8	26.3	21.3	-4.9	29.6
NokiaTheater	46.2	40.4	34.1	35.7	34	39.6	40.8	38.4	45.7
FF-1	37.5	31.5	24.4	24.3	20.1	26.7	32.1	31.2	36
FF-2	37.1	31.1	24	23.9	19.7	26.4	31.7	30.5	35.6
FF-3	36.8	30.7	23.7	23.5	19.3	26	31.2	29.8	35
FF-4	36.4	30.4	23.3	23.2	18.9	25.5	30.7	29	34.5
FF-5	36	30	22.9	22.8	18.5	25.1	30.2	28.2	34
FF-6	35.7	29.6	22.6	22.4	18.2	24.8	29.8	27.5	33.5
FF-7	35.3	29.3	22.2	22	17.8	24.3	29.3	26.7	33
FF-8	35	29	21.9	21.8	17.5	24	28.9	26	32.6
FF-9	34.7	28.7	21.6	21.4	17.1	23.7	28.5	25.3	32.1
FF-10	34.4	28.3	21.2	21.1	16.8	23.3	28	24.5	31.6
PH-1	16.7	15.5	13.1	17.4	17.2	22.1	14.4	-22.1	25.2
PH-2	16.7	15.5	13.1	17.5	17.3	22.1	14.4	-21.9	25.2
PH-3	16.8	15.6	13.1	17.5	17.3	22.2	14.5	-21.7	25.3
PH-4	16.8	15.6	13.2	17.5	17.4	22.2	14.6	-21.5	25.3
PH-5	16.8	15.6	13.2	17.6	17.4	22.3	14.6	-21.4	25.4
PH-6	16.8	15.7	13.2	17.6	17.4	22.3	14.7	-21.2	25.4
PH-7	16.9	15.7	13.2	17.6	17.4	22.3	14.8	-21	25.5
PH-8	16.9	15.7	13.3	17.7	17.5	22.4	14.8	-20.9	25.5
PH-9	16.9	15.7	13.3	17.7	17.5	22.4	14.9	-20.7	25.5
PH-10	16.9	15.8	13.3	17.7	17.5	22.5	15	-20.5	25.6
PH-11	17	15.8	13.4	17.7	17.6	22.5	15	-20.4	25.6
PH-12	17	15.8	13.4	17.8	17.6	22.5	15.1	-20.2	25.6
PH-13	17	15.8	13.4	17.8	17.6	22.6	15.2	-20	25.7
PH-14	17	15.9	13.4	17.8	17.7	22.6	15.2	-19.9	25.7
PH-15	17.1	15.9	13.5	17.8	17.7	22.6	15.3	-19.7	25.8
PH-16	17.1	15.9	13.5	17.9	17.7	22.7	15.3	-19.6	25.8
PH-17	17.1	15.9	13.5	17.9	17.8	22.7	15.4	-19.5	25.8
PH-18	17.1	15.9	13.5	17.9	17.8	22.7	15.4	-19.3	25.9
PH-19	17.1	16	13.5	17.9	17.8	22.8	15.5	-19.2	25.9
PH-20	17.2	16	13.6	18	17.8	22.8	15.5	-19	25.9
PH-21	19.4	16	13.6	18	17.9	22.8	15.6	-18.9	26
KIT-1	20.3	19.2	16.9	21.4	21.6	27.2	22.7	-1.5	30.6
KIT-2	20.3	19.2	16.9	21.5	21.7	27.2	22.8	-1.4	30.6
KIT-3	20.4	19.2	16.9	21.5	21.7	27.3	22.8	-1.3	30.7
KIT-4	20.3	19.2	16.9	21.5	21.7	27.3	22.9	-1.2	30.7

Ritz-Flr1	31.1	29	26.3	30.6	30.3	35.1	27.1	2.6	38.2
FF-1	14.9	5.9	-2.6	-2.9	-7.3	-1.1	2.4	-5.7	6.2
FF-2	14.8	5.8	-2.8	-3	-7.5	-1.3	2.2	-6.2	5.9
FF-3	14.7	5.7	-3	-3.2	-7.7	-1.5	1.9	-6.7	5.7
FF-4	14.5	5.5	-3.2	-3.4	-7.9	-1.7	1.6	-7.3	5.4
FF-5	14.3	5.3	-3.4	-3.6	-8.1	-1.9	1.3	-8	5.1
FF-6	14.2	5.2	-3.5	-3.8	-8.2	-2.1	1	-8.5	4.9
FF-7	14	5	-3.7	-4	-8.5	-2.3	0.7	-9.1	4.6
FF-8	13.9	4.9	-3.9	-4.1	-8.6	-2.5	0.5	-9.6	4.4
FF-9	13.8	4.8	-4	-4.3	-8.8	-2.7	0.2	-10.2	4.1
FF-10	13.6	4.6	-4.2	-4.5	-9	-2.9	-0.1	-10.8	3.9
PH-1	15.3	14.1	11.6	15.8	15.4	19.9	10.4	-32.4	23
PH-2	15.3	14.1	11.6	15.8	15.4	19.9	10.5	-32.3	23
PH-3	15.3	14.1	11.6	15.9	15.5	20	10.5	-32.1	23
PH-4	15.4	14.1	11.6	15.9	15.5	20	10.6	-32	23.1
PH-5	15.4	14.1	11.6	15.9	15.5	20	10.6	-31.8	23.1
PH-6	15.4	14.2	11.6	15.9	15.5	20	10.7	-31.7	23.1
PH-7	15.4	14.2	11.7	15.9	15.5	20.1	10.7	-31.6	23.1
PH-8	15.4	14.2	11.7	16	15.6	20.1	10.8	-31.4	23.2
PH-9	15.4	14.2	11.7	16	15.6	20.1	10.9	-31.3	23.2
PH-10	15.5	14.2	11.7	16	15.6	20.1	10.9	-31.2	23.2
PH-11	15.5	14.2	11.7	16	15.6	20.2	10.9	-31.1	23.2
PH-12	15.5	14.3	11.8	16	15.7	20.2	11	-30.9	23.3
PH-13	15.5	14.3	11.8	16.1	15.7	20.2	11	-30.8	23.3
PH-14	15.5	14.3	11.8	16.1	15.7	20.2	11.1	-30.7	23.3
PH-15	15.5	14.3	11.8	16.1	15.7	20.3	11.1	-30.6	23.3
PH-16	15.5	14.3	11.8	16.1	15.7	20.3	11.2	-30.5	23.4
PH-17	15.6	14.3	11.8	16.1	15.8	20.3	11.2	-30.4	23.4
PH-18	15.6	14.4	11.9	16.1	15.8	20.3	11.2	-30.3	23.4
PH-19	15.6	14.4	11.9	16.2	15.8	20.4	11.3	-30.1	23.4
PH-20	15.6	14.4	11.9	16.2	15.8	20.4	11.3	-30.1	23.5
PH-21	15.6	14.4	11.9	16.2	15.8	20.4	11.4	-30	23.5
KIT-1	18.3	16.9	14.5	19	18.9	24.1	17.7	-13.5	27.3
KIT-2	18.3	16.9	14.5	19	18.9	24.1	17.8	-13.5	27.3
KIT-3	18.3	16.9	14.5	19	19	24.1	17.8	-13.5	27.3
KIT-4	18.2	16.9	14.5	19	19	24.1	17.8	-13.4	27.3
Ritz-Flr27	39.4	34.1	28.8	31.6	30.6	35.4	31.1	18.2	39.2
FF-1	29.3	23.2	16	15.8	11.3	17.4	20.3	10	24.1
FF-2	29.2	23.1	15.9	15.6	11.1	17.2	20.1	9.6	23.9
FF-3	29	23	15.8	15.5	11	17.1	19.9	9.2	23.8
FF-4	28.9	22.8	15.6	15.4	10.8	16.9	19.6	8.7	23.5
FF-5	28.8	22.7	15.5	15.2	10.7	16.7	19.4	8.2	23.3
FF-6	28.6	22.6	15.4	15.1	10.5	16.6	19.2	7.7	23.1
FF-7	28.5	22.4	15.2	14.9	10.4	16.4	18.9	7.2	22.9
FF-8	28.4	22.3	15.1	14.8	10.2	16.2	18.7	6.7	22.7
FF-9	28.2	22.1	14.9	14.6	10.1	16.1	18.5	6.2	22.5
FF-10	28.1	22	14.8	14.5	9.9	15.9	18.2	5.7	22.3
PH-1	15.8	13.9	11.4	15.7	15.2	19.7	10	-33.4	22.8
PH-2	15.9	14	11.4	15.7	15.3	19.7	10.1	-33.3	22.8
PH-3	15.9	14	11.5	15.7	15.3	19.7	10.2	-33.1	22.8
PH-4	15.9	14	11.5	15.7	15.3	19.8	10.2	-33	22.8
PH-5	16	14	11.5	15.7	15.3	19.8	10.3	-32.9	22.9
PH-6	16	14	11.5	15.8	15.3	19.8	10.3	-32.7	22.9
PH-7	16	14	11.5	15.8	15.4	19.8	10.4	-32.6	22.9
PH-8	16	14.1	11.5	15.8	15.4	19.9	10.4	-32.5	23
PH-9	16	14.1	11.6	15.8	15.4	19.9	10.5	-32.3	23
PH-10	16.1	14.1	11.6	15.8	15.4	19.9	10.5	-32.2	23
PH-11	16.1	14.1	11.6	15.9	15.5	19.9	10.5	-32.1	23
PH-12	16.1	14.1	11.6	15.9	15.5	20	10.6	-32	23.1
PH-13	16.1	14.1	11.6	15.9	15.5	20	10.6	-31.9	23.1
PH-14	16.1	14.2	11.6	15.9	15.5	20	10.7	-31.7	23.1
PH-15	16.1	14.2	11.7	15.9	15.5	20	10.7	-31.6	23.1

PH-16	16.2	14.2	11.7	15.9	15.6	20.1	10.8	-31.5	23.2
PH-17	16.2	14.2	11.7	16	15.6	20.1	10.8	-31.4	23.2
PH-18	16.2	14.2	11.7	16	15.6	20.1	10.8	-31.3	23.2
PH-19	16.2	14.2	11.7	16	15.6	20.1	10.9	-31.2	23.2
PH-20	16.2	14.2	11.7	16	15.6	20.2	10.9	-31.1	23.2
PH-21	16.2	14.3	11.7	16	15.6	20.2	11	-31	23.3
KIT-1	20.6	16.6	14.2	18.7	18.6	23.7	17.1	-15.1	26.9
KIT-2	20.6	16.6	14.2	18.7	18.6	23.7	17.1	-15.1	26.9
KIT-3	20.6	16.6	14.2	18.7	18.6	23.7	17.1	-15	26.9
KIT-4	20.5	16.6	14.3	18.7	18.6	23.7	17.2	-15	26.9
Ritz-Flr54	38.1	32.8	27.6	30.6	29.8	34.4	28.1	9.2	37.9
FF-1	26.8	20.7	13.5	13.1	8.5	14.3	15.8	0.6	20.3
FF-2	26.8	20.6	13.4	13	8.4	14.2	15.7	0.3	20.2
FF-3	26.7	20.6	13.3	13	8.3	14.1	15.6	0	20.1
FF-4	26.6	20.5	13.2	12.9	8.2	14	15.4	-0.4	20
FF-5	26.5	20.4	13.1	12.8	8.1	13.9	15.2	-0.8	19.9
FF-6	26.4	20.3	13.1	12.7	8	13.8	15.1	-1.1	19.8
FF-7	26.3	20.2	13	12.6	7.9	13.6	14.9	-1.5	19.6
FF-8	26.3	20.2	12.9	12.5	7.8	13.6	14.8	-1.8	19.5
FF-9	26.2	20.1	12.8	12.4	7.7	13.4	14.6	-2.2	19.4
FF-10	26.1	20	12.7	12.3	7.6	13.3	14.4	-2.6	19.2
PH-1	16.9	13.5	11	15.2	14.7	19	8.9	-36.5	22.1
PH-2	16.9	13.6	11	15.2	14.7	19.1	8.9	-36.4	22.2
PH-3	16.9	13.6	11	15.2	14.8	19.1	9	-36.2	22.2
PH-4	16.9	13.6	11.1	15.3	14.8	19.1	9.1	-36.1	22.2
PH-5	17	13.6	11.1	15.3	14.8	19.2	9.1	-36	22.2
PH-6	17.1	13.6	11.1	15.3	14.8	19.2	9.1	-35.9	22.3
PH-7	17.1	13.6	11.1	15.3	14.8	19.2	9.2	-35.7	22.3
PH-8	17.1	13.7	11.1	15.3	14.9	19.2	9.2	-35.6	22.3
PH-9	17.1	13.7	11.1	15.4	14.9	19.3	9.3	-35.5	22.3
PH-10	17.1	13.7	11.2	15.4	14.9	19.3	9.3	-35.4	22.4
PH-11	17.1	13.7	11.2	15.4	14.9	19.3	9.4	-35.3	22.4
PH-12	17.2	13.7	11.2	15.4	14.9	19.3	9.4	-35.2	22.4
PH-13	17.1	13.7	11.2	15.4	15	19.4	9.5	-35	22.4
PH-14	17.2	13.7	11.2	15.4	15	19.4	9.5	-34.9	22.5
PH-15	17.2	13.8	11.2	15.5	15	19.4	9.5	-34.8	22.5
PH-16	17.2	13.8	11.2	15.5	15	19.4	9.6	-34.7	22.5
PH-17	17.2	13.8	11.3	15.5	15	19.4	9.6	-34.6	22.5
PH-18	17.3	13.8	11.3	15.5	15.1	19.5	9.6	-34.5	22.5
PH-19	17.3	13.8	11.3	15.5	15.1	19.5	9.7	-34.4	22.6
PH-20	17.3	13.8	11.3	15.5	15.1	19.5	9.7	-34.3	22.6
PH-21	17.3	13.8	11.3	15.5	15.1	19.5	9.8	-34.2	22.6
KIT-1	23.4	19.3	13.9	17.9	17.7	22.7	15.4	-19.5	25.8
KIT-2	23.4	19.3	13.9	17.9	17.7	22.7	15.4	-19.5	25.8
KIT-3	23.3	19.3	13.9	17.9	17.8	22.7	15.4	-19.4	25.8
KIT-4	23.2	19.1	13.7	17.9	17.8	22.7	15.4	-19.4	25.9
R6	33.8	31.5	28.6	33.1	33.1	38.3	32.1	2.3	41.5
FF-1	0.9	-5.3	-12.8	-13.5	-18.8	-14.2	-17.9	-53	-9.1
FF-2	0.9	-5.3	-12.8	-13.5	-18.8	-14.2	-17.9	-53	-9.1
FF-3	0.9	-5.3	-12.8	-13.5	-18.8	-14.2	-17.9	-52.9	-9.1
FF-4	0.9	-5.3	-12.8	-13.5	-18.8	-14.2	-17.9	-52.9	-9.1
FF-5	0.9	-5.3	-12.8	-13.5	-18.8	-14.1	-17.8	-52.8	-9.1
FF-6	0.9	-5.3	-12.8	-13.5	-18.8	-14.1	-17.8	-52.8	-9.1
FF-7	0.9	-5.3	-12.8	-13.5	-18.8	-14.1	-17.8	-52.7	-9.1
FF-8	0.9	-5.3	-12.8	-13.5	-18.8	-14.1	-17.8	-52.7	-9.1
FF-9	0.9	-5.3	-12.8	-13.5	-18.8	-14.1	-17.8	-52.6	-9
FF-10	0.9	-5.3	-12.8	-13.5	-18.8	-14.1	-17.8	-52.6	-9
PH-1	19.4	17.9	15.6	20.1	20.2	25.6	20.2	-7.6	28.9
PH-2	19.3	17.9	15.5	20.1	20.1	25.5	20	-7.9	28.8
PH-3	19.3	17.8	15.4	20	20	25.4	19.8	-8.4	28.6
PH-4	19.2	17.7	15.4	19.9	19.9	25.3	19.6	-8.9	28.5

PH-5	19.2	17.6	15.3	19.8	19.8	25.2	19.5	-9.3	28.4
PH-6	19.2	17.6	15.2	19.7	19.8	25.1	19.3	-9.6	28.3
PH-7	19.1	17.5	15.1	19.6	19.7	25	19.2	-10	28.2
PH-8	19.1	17.4	15.1	19.6	19.6	24.9	19	-10.4	28.1
PH-9	19	17.3	15	19.5	19.5	24.7	18.8	-10.9	28
PH-10	19	17.3	14.9	19.4	19.4	24.6	18.6	-11.3	27.9
PH-11	19	17.2	14.8	19.3	19.3	24.6	18.5	-11.7	27.8
PH-12	18.9	17.1	14.8	19.2	19.2	24.5	18.3	-12.1	27.7
PH-13	18.8	17.1	14.7	19.2	19.2	24.4	18.2	-12.5	27.5
PH-14	18.8	17	14.6	19.1	19.1	24.2	18	-12.9	27.4
PH-15	18.8	16.9	14.5	19	19	24.2	17.8	-13.3	27.3
PH-16	18.7	16.8	14.5	18.9	18.9	24	17.6	-13.8	27.2
PH-17	18.7	16.8	14.4	18.8	18.8	23.9	17.5	-14.2	27.1
PH-18	18.7	16.7	14.3	18.8	18.7	23.8	17.3	-14.6	27
PH-19	18.6	16.6	14.2	18.7	18.6	23.7	17.1	-15	26.9
PH-20	18.6	16.6	14.2	18.6	18.6	23.6	17	-15.4	26.8
PH-21	18.5	16.5	14.1	18.5	18.5	23.6	16.8	-15.8	26.7
KIT-1	22.8	18.7	13.3	17.7	17.6	22.5	15	-20.5	25.6
KIT-2	22.7	18.6	13.2	17.6	17.4	22.3	14.7	-21.2	25.4
KIT-3	22.7	18.6	13.2	17.5	17.3	22.1	14.4	-21.9	25.3
KIT-4	22.6	18.5	13.1	17.4	17.2	22	14.2	-22.5	25.1
R7	30.8	29.4	27	31.3	31.1	35.9	28.1	-7.9	39
FF-1	4.8	-1.3	-8.6	-9.1	-13.9	-8.4	-8.2	-28.7	-2.8
FF-2	4.8	-1.3	-8.7	-9.1	-13.9	-8.4	-8.3	-28.9	-2.8
FF-3	4.7	-1.4	-8.7	-9.2	-14	-8.5	-8.4	-29.1	-2.9
FF-4	4.7	-1.4	-8.8	-9.2	-14.1	-8.6	-8.5	-29.4	-3
FF-5	4.6	-1.5	-8.8	-9.3	-14.1	-8.6	-8.6	-29.7	-3.1
FF-6	4.6	-1.5	-8.9	-9.3	-14.2	-8.7	-8.7	-29.9	-3.2
FF-7	4.5	-1.6	-8.9	-9.4	-14.2	-8.8	-8.8	-30.2	-3.2
FF-8	4.5	-1.6	-9	-9.4	-14.3	-8.8	-8.9	-30.4	-3.3
FF-9	4.4	-1.7	-9	-9.5	-14.4	-8.9	-9	-30.7	-3.4
FF-10	4.4	-1.8	-9.1	-9.5	-14.4	-9	-9.2	-31	-3.5
PH-1	16.6	15.5	13	17.4	17.2	22	14.2	-22.5	25.1
PH-2	16.6	15.4	13	17.4	17.1	22	14.2	-22.6	25.1
PH-3	16.6	15.4	13	17.3	17.1	22	14.1	-22.8	25.1
PH-4	16.6	15.4	13	17.3	17.1	21.9	14	-22.9	25
PH-5	16.6	15.4	12.9	17.3	17.1	21.9	14	-23	25
PH-6	16.6	15.4	12.9	17.3	17	21.9	13.9	-23.2	25
PH-7	16.5	15.3	12.9	17.2	17	21.8	13.9	-23.3	24.9
PH-8	16.5	15.3	12.9	17.2	17	21.8	13.9	-23.4	24.9
PH-9	16.5	15.3	12.8	17.2	17	21.8	13.8	-23.6	24.9
PH-10	16.5	15.3	12.8	17.2	17	21.7	13.7	-23.7	24.8
PH-11	16.5	15.3	12.8	17.2	16.9	21.7	13.7	-23.8	24.8
PH-12	16.4	15.2	12.8	17.1	16.9	21.7	13.6	-24	24.8
PH-13	16.4	15.2	12.8	17.1	16.9	21.7	13.6	-24.1	24.8
PH-14	16.4	15.2	12.7	17.1	16.8	21.6	13.5	-24.3	24.7
PH-15	16.4	15.2	12.7	17.1	16.8	21.6	13.5	-24.4	24.7
PH-16	16.3	15.1	12.7	17	16.8	21.6	13.4	-24.6	24.6
PH-17	16.3	15.1	12.7	17	16.8	21.5	13.3	-24.7	24.6
PH-18	16.3	15.1	12.6	17	16.7	21.5	13.3	-24.9	24.6
PH-19	16.3	15.1	12.6	16.9	16.7	21.4	13.2	-25.1	24.5
PH-20	16.3	15.1	12.6	16.9	16.7	21.4	13.1	-25.2	24.5
PH-21	16.2	15	12.6	16.9	16.6	21.4	13.1	-25.4	24.5
KIT-1	17.4	16.3	13.9	18.3	18.2	23.2	16.2	-17.3	26.3
KIT-2	17.4	16.2	13.8	18.2	18.1	23.1	16.1	-17.8	26.2
KIT-3	18.2	16.1	13.7	18.1	18	23	15.9	-18.2	26.1
KIT-4	18.1	16.1	13.6	18	17.9	22.9	15.7	-18.6	26
R6c	28.9	27.6	25	29.2	28.7	33.1	23	-22	36.2
FF-1	0.8	-5.5	-13	-13.7	-19	-14.4	-18.3	-53.9	-9.3
FF-2	0.7	-5.5	-13	-13.7	-19	-14.4	-18.3	-54.1	-9.4
FF-3	0.7	-5.5	-13	-13.7	-19	-14.5	-18.4	-54.2	-9.4

FF-4	0.7	-5.5	-13	-13.7	-19.1	-14.5	-18.4	-54.4	-9.4
FF-5	0.7	-5.6	-13.1	-13.8	-19.1	-14.5	-18.5	-54.6	-9.5
FF-6	0.6	-5.6	-13.1	-13.8	-19.1	-14.6	-18.6	-54.8	-9.5
FF-7	0.6	-5.6	-13.1	-13.8	-19.2	-14.6	-18.7	-55	-9.5
FF-8	0.6	-5.6	-13.1	-13.9	-19.2	-14.6	-18.7	-55.2	-9.6
FF-9	0.6	-5.7	-13.2	-13.9	-19.2	-14.7	-18.8	-55.4	-9.6
FF-10	0.5	-5.7	-13.2	-13.9	-19.3	-14.7	-18.9	-55.6	-9.7
PH-1	15.2	13.9	11.4	15.6	15.2	19.7	10	-33.5	22.7
PH-2	15.1	13.9	11.4	15.6	15.2	19.6	9.9	-33.7	22.7
PH-3	15.1	13.9	11.3	15.6	15.1	19.5	9.8	-34.1	22.6
PH-4	15.1	13.8	11.3	15.5	15.1	19.5	9.7	-34.3	22.6
PH-5	15	13.8	11.3	15.5	15	19.4	9.6	-34.6	22.5
PH-6	15	13.8	11.2	15.4	15	19.4	9.5	-34.8	22.5
PH-7	15	13.7	11.2	15.4	15	19.3	9.4	-35.1	22.4
PH-8	14.9	13.7	11.2	15.4	14.9	19.3	9.3	-35.4	22.4
PH-9	14.9	13.7	11.1	15.3	14.9	19.2	9.2	-35.7	22.3
PH-10	14.9	13.6	11.1	15.3	14.8	19.2	9.1	-35.9	22.3
PH-11	14.8	13.6	11	15.3	14.8	19.1	9	-36.2	22.2
PH-12	14.8	13.6	11	15.2	14.7	19.1	8.9	-36.4	22.2
PH-13	14.8	13.5	11	15.2	14.7	19	8.8	-36.7	22.1
PH-14	14.7	13.5	10.9	15.1	14.6	18.9	8.7	-37	22
PH-15	14.7	13.5	10.9	15.1	14.6	18.9	8.6	-37.3	22
PH-16	14.7	13.4	10.9	15.1	14.5	18.8	8.5	-37.6	21.9
PH-17	14.6	13.4	10.8	15	14.5	18.8	8.4	-37.8	21.9
PH-18	14.6	13.3	10.8	15	14.5	18.7	8.3	-38.2	21.8
PH-19	14.6	13.3	10.7	14.9	14.4	18.7	8.2	-38.4	21.8
PH-20	14.5	13.3	10.7	14.9	14.4	18.6	8.1	-38.7	21.7
PH-21	14.5	13.2	10.7	14.9	14.3	18.6	8	-38.9	21.7
KIT-1	14.8	13.6	11.1	15.3	14.8	19.1	9.1	-36	22.2
KIT-2	14.8	13.5	11	15.2	14.7	19	8.9	-36.6	22.1
KIT-3	14.7	13.5	10.9	15.1	14.6	18.9	8.6	-37.2	22
KIT-4	14.6	13.4	10.8	15	14.5	18.8	8.5	-37.7	21.9

Outdoor Noise Prediction Model, Version 2.0 (Sean K. Bui), January 1, 2006

Client: Matrix Environmental
 Description: LA Convention Modernization & Farmers Field
 AES Job No: 2011113
 Consultant: skb
 Date: 9/13/2011
 Source: **Trash Compactor - Leq**

Description	63	125	250	500	1000	2000	4000	8000 dBA	
R1	31.4	32.6	27.2	18.4	13.2	8.4	5.2	-9.7	22.7
FF-1	25.5	26.5	20.3	10.1	2.6	-1.1	-0.7	-14.9	15.5
FF-2	25.4	26.3	20.1	9.9	2.5	-1.3	-0.9	-15.4	15.3
FF-3	25.2	26.1	20	9.7	2.3	-1.5	-1.2	-16	15.1
FF-4	25	25.9	19.8	9.5	2.1	-1.8	-1.5	-16.6	14.9
PH-1	10.3	16.1	14.6	8.8	5.4	-0.1	-12.5	-61.2	11.3
PH-2	10.3	16.1	14.6	8.9	5.5	0	-12.4	-61	11.3
PH-3	10.4	16.1	14.6	8.9	5.5	0	-12.4	-60.9	11.4
PH-4	10.4	16.2	14.6	8.9	5.5	0	-12.3	-60.7	11.4
R2	27.9	29.6	26	19.5	16.3	11.6	3.6	-27.9	22.7
FF-1	19.9	20.8	14.5	4	-3.8	-8.3	-11	-37.3	9.5
FF-2	20	20.9	14.5	4.1	-3.7	-8.2	-10.9	-36.9	9.6
FF-3	20.1	20.9	14.6	4.2	-3.6	-8.1	-10.7	-36.5	9.7
FF-4	20.2	21	14.7	4.3	-3.5	-7.9	-10.5	-36	9.8
PH-1	17.3	20.2	18.3	12.8	9.9	5.2	-3.4	-38	15.6
PH-2	17.3	20.2	18.4	12.9	10	5.3	-3.3	-37.6	15.7
PH-3	17.4	20.3	18.5	13	10.1	5.5	-3	-37	15.8
PH-4	17.5	20.4	18.6	13.1	10.2	5.6	-2.8	-36.5	15.9
R3	26.8	29	24.5	18.4	15.2	10.4	1.3	-35.5	21.5
FF-1	16.5	17.3	10.8	0.2	-8	-13.2	-19.3	-57.7	5.8
FF-2	16.5	17.3	10.9	0.2	-8	-13.2	-19.1	-57.3	5.9
FF-3	16.6	17.4	11	0.3	-7.9	-13.1	-18.9	-56.9	6
FF-4	16.7	17.5	11	0.4	-7.8	-13	-18.8	-56.4	6
PH-1	18.7	21.6	17.5	12	9	4.1	-5.2	-42.4	14.9
PH-2	18.7	21.7	17.6	12.1	9.1	4.2	-5	-41.9	15
PH-3	18.6	21.6	17.7	12.2	9.2	4.4	-4.8	-41.4	15.1
PH-4	18.5	21.5	17.8	12.3	9.3	4.5	-4.6	-40.9	15.1
R4	40.7	44.8	41.3	33.4	28	21.1	12.4	-12.7	36.5
FF-1	-5.7	-5	-11.5	-22.4	-30.9	-36.8	-45.6	-94.6	-16.6
FF-2	-5.7	-4.9	-11.5	-22.3	-30.9	-36.7	-45.5	-94.3	-16.5
FF-3	-5.6	-4.9	-11.5	-22.3	-30.9	-36.7	-45.4	-94.1	-16.5
FF-4	-5.6	-4.9	-11.4	-22.2	-30.8	-36.6	-45.3	-93.8	-16.5
PH-1	34.9	39	35.5	27.6	22.2	15.3	6.7	-18.1	30.7
PH-2	34.8	38.8	35.3	27.4	22.1	15.1	6.5	-18.5	30.6
PH-3	34.6	38.7	35.2	27.3	21.9	14.9	6.2	-19	30.4
PH-4	34.5	38.5	35	27.1	21.7	14.7	6	-19.4	30.2
R5	27	30	25.7	19.7	16.9	12.3	4.3	-27.8	22.9
FF-1	-5.8	-5.1	-11.6	-22.5	-31.1	-36.9	-45.9	-95.5	-16.7
FF-2	-5.8	-5	-11.6	-22.5	-31.1	-36.9	-45.9	-95.3	-16.7
FF-3	-5.8	-5	-11.6	-22.4	-31	-36.9	-45.8	-95.2	-16.6
FF-4	-5.7	-5	-11.6	-22.4	-31	-36.8	-45.7	-95	-16.6
PH-1	20.7	23.7	19.4	13.9	11	6.5	-1.4	-33.1	16.9
PH-2	20.9	23.9	19.6	13.8	10.9	6.4	-1.6	-33.5	16.9
PH-3	21.1	24.1	19.8	13.6	10.8	6.2	-1.8	-34.1	16.9
PH-4	21.2	24.2	19.9	13.5	10.7	6.1	-2	-34.6	16.9
R6b	22.2	28.1	26.8	21.4	18.7	14.4	7.5	-20.4	24.2
FF-1	-2.4	-1.5	-7.9	-18.5	-26.6	-31.5	-36.2	-70	-12.9
FF-2	-2.3	-1.5	-7.9	-18.5	-26.5	-31.5	-36.2	-69.9	-12.9
FF-3	-2.3	-1.5	-7.9	-18.5	-26.5	-31.4	-36.2	-69.8	-12.9

FF-4	-2.3	-1.5	-7.9	-18.4	-26.5	-31.4	-36.1	-69.7	-12.9
PH-1	16.3	22.2	20.9	15.5	12.8	8.5	1.8	-25.9	18.4
PH-2	16.2	22.1	20.8	15.4	12.7	8.4	1.6	-26.2	18.3
PH-3	16.1	22	20.7	15.3	12.6	8.3	1.4	-26.6	18.2
PH-4	16	21.9	20.6	15.2	12.5	8.2	1.2	-27	18.1
R7b	17.9	23.5	22	16.4	13.2	8	-2.8	-44.8	18.9
FF-1	-0.2	0.7	-5.6	-16.1	-23.9	-28.4	-31.2	-57.7	-10.6
FF-2	-0.2	0.7	-5.7	-16.1	-23.9	-28.4	-31.3	-57.9	-10.6
FF-3	-0.3	0.6	-5.7	-16.2	-24	-28.5	-31.4	-58.1	-10.7
FF-4	-0.3	0.6	-5.8	-16.2	-24.1	-28.6	-31.5	-58.4	-10.7
PH-1	11.6	17.5	16	10.4	7.2	2	-8.8	-51.5	12.9
PH-2	11.6	17.4	16	10.4	7.1	2	-8.8	-51.6	12.9
PH-3	11.6	17.4	16	10.3	7.1	2	-8.9	-51.8	12.9
PH-4	11.6	17.4	16	10.3	7.1	1.9	-9	-51.9	12.9
R8	14.8	20.4	18.7	12.8	9.1	3.1	-11.8	-69.8	15.2
FF-1	-5.5	-4.8	-11.3	-22.2	-30.7	-36.5	-45	-93.1	-16.4
FF-2	-5.5	-4.8	-11.4	-22.2	-30.7	-36.5	-45.1	-93.3	-16.4
FF-3	-5.6	-4.8	-11.4	-22.2	-30.8	-36.5	-45.2	-93.5	-16.4
FF-4	-5.6	-4.8	-11.4	-22.2	-30.8	-36.6	-45.3	-93.7	-16.4
PH-1	8.6	14.4	12.7	6.8	3.2	-2.9	-17.7	-75.5	9.2
PH-2	8.6	14.3	12.7	6.8	3.1	-2.9	-17.8	-75.7	9.2
PH-3	8.6	14.3	12.7	6.8	3.1	-3	-17.9	-76	9.2
PH-4	8.6	14.3	12.6	6.7	3	-3	-18	-76.3	9.1
R9	14.1	19.7	17.9	11.9	8.1	1.7	-14.4	-75.2	14.3
FF-1	-4.6	-3.8	-10.3	-21	-29.4	-34.9	-42.2	-85.3	-15.3
FF-2	-4.6	-3.8	-10.3	-21.1	-29.5	-34.9	-42.3	-85.6	-15.4
FF-3	-4.6	-3.9	-10.4	-21.1	-29.5	-35	-42.4	-85.9	-15.4
FF-4	-4.7	-3.9	-10.4	-21.2	-29.6	-35.1	-42.5	-86.3	-15.4
PH-1	7.9	13.6	11.9	5.9	2.1	-4.3	-20.3	-82.8	8.3
PH-2	7.9	13.6	11.9	5.9	2	-4.3	-20.4	-82.9	8.2
PH-3	7.8	13.5	11.9	5.9	2	-4.3	-20.5	-83.1	8.2
PH-4	7.8	13.5	11.8	5.9	2	-4.3	-20.5	-83.3	8.2
R10	16	19.4	17.1	10.9	6.8	0.2	-17.3	-62.1	13.3
FF-1	6	4	-5.3	-18.1	-26.1	-30.9	-35.3	-67.7	-9.1
FF-2	7.4	5.4	-3.9	-17.4	-26.2	-31	-35.4	-68	-7.7
FF-3	7.3	5.4	-3.9	-17.4	-26.2	-31.1	-35.6	-68.3	-7.8
FF-4	7.3	5.3	-4	-17.5	-26.3	-31.2	-35.7	-68.6	-7.9
PH-1	7	12.6	10.9	4.8	0.7	-5.9	-23.7	-92.3	7.1
PH-2	7	12.7	10.9	4.8	0.8	-5.9	-23.6	-92.1	7.1
PH-3	7	12.7	10.9	4.9	0.8	-5.9	-23.5	-91.8	7.2
PH-4	7	12.7	11	4.9	0.8	-5.8	-23.4	-91.5	7.2
R11	13.3	17.1	14.7	8.3	3.7	-4	-25.8	-89.2	10.6
FF-1	5.9	4	-5.4	-19.1	-30.7	-36.8	-45.7	-94.9	-9.3
FF-2	5.9	4	-5.4	-19.1	-30.7	-36.9	-45.8	-95.2	-9.3
FF-3	-2.9	-5	-11.6	-22.5	-31.1	-36.9	-45.9	-95.4	-16.5
FF-4	-3.3	-5.1	-11.7	-22.5	-31.1	-37	-46	-95.7	-16.6
PH-1	4.9	10.5	8.5	2.2	-2.4	-10.1	-32.2	-117.2	4.4
PH-2	4.9	10.5	8.6	2.2	-2.4	-10	-32.1	-116.9	4.4
PH-3	5	10.5	8.6	2.2	-2.3	-10	-32	-116.6	4.5
PH-4	5	10.6	8.6	2.3	-2.3	-9.9	-31.9	-116.4	4.5
R12	12.6	17.8	15.9	9.6	5.3	-1.8	-21.3	-77.5	11.9
FF-1	-3.1	-3.5	-10	-20.7	-29.1	-34.5	-41.4	-83.3	-15
FF-2	-3.3	-3.5	-10	-20.7	-29.1	-34.5	-41.5	-83.5	-15
FF-3	-3.6	-3.6	-10.1	-20.8	-29.1	-34.5	-41.5	-83.6	-15
FF-4	-4	-3.6	-10.1	-20.8	-29.1	-34.6	-41.6	-83.8	-15.1
PH-1	6.1	11.6	9.8	3.5	-0.8	-7.9	-27.6	-103.7	5.8
PH-2	6.1	11.6	9.8	3.6	-0.7	-7.8	-27.5	-103.4	5.8

PH-3	6.1	11.7	9.8	3.6	-0.7	-7.8	-27.4	-103	5.9
PH-4	6.1	11.7	9.9	3.6	-0.6	-7.7	-27.3	-102.7	5.9
R13	14.7	19.9	18.2	12.2	8.3	2.1	-13.5	-56.5	14.5
FF-1	-1	-0.2	-6.6	-17.1	-25	-29.6	-33.2	-62.5	-11.5
FF-2	-1.1	-0.2	-6.6	-17.1	-25	-29.7	-33.2	-62.5	-11.5
FF-3	-1.1	-0.2	-6.6	-17.1	-25	-29.7	-33.3	-62.6	-11.6
FF-4	-1.1	-0.3	-6.6	-17.1	-25	-29.7	-33.3	-62.7	-11.6
PH-1	8.2	13.7	12	6.1	2.2	-4	-19.9	-81.6	8.4
PH-2	8.2	13.7	12.1	6.1	2.3	-4	-19.8	-81.3	8.4
PH-3	8.2	13.8	12.1	6.1	2.3	-3.9	-19.7	-80.9	8.5
PH-4	8.3	13.8	12.1	6.2	2.4	-3.8	-19.6	-80.6	8.5
R14	16.1	19.8	18	12	8.2	1.9	-14	-71.7	14.4
FF-1	-3.8	-3	-9.5	-20.2	-28.5	-33.7	-40.1	-79.9	-14.5
FF-2	-3.8	-3	-9.5	-20.2	-28.4	-33.7	-40.1	-79.8	-14.5
FF-3	-3.8	-3	-9.5	-20.1	-28.4	-33.7	-40	-79.6	-14.5
FF-4	-3.8	-3	-9.4	-20.1	-28.4	-33.6	-39.9	-79.4	-14.4
PH-1	9.9	13.6	11.9	5.9	2.1	-4.2	-20.3	-82.7	8.3
PH-2	9.9	13.6	12	6	2.1	-4.2	-20.2	-82.3	8.3
PH-3	9.9	13.7	12	6	2.2	-4.1	-20	-81.8	8.4
PH-4	10	13.7	12.1	6.1	2.3	-4	-19.8	-81.4	8.5
R15	21.6	24.3	20.5	14.7	11.3	5.7	-6.9	-56.2	17.4
FF-1	1.5	-0.6	-10.1	-21.6	-30.1	-35.7	-43.7	-89.5	-13.7
FF-2	1.5	-0.6	-10.1	-21.6	-30.1	-35.7	-43.6	-89.1	-13.6
FF-3	1.6	-0.5	-10	-21.5	-30	-35.6	-43.5	-88.8	-13.6
FF-4	1.6	-0.5	-10	-21.5	-29.9	-35.5	-43.3	-88.4	-13.6
PH-1	15.3	18.1	14.3	8.6	5.1	-0.4	-13.2	-63	11.3
PH-2	15.3	18.2	14.4	8.6	5.2	-0.4	-13	-62.6	11.3
PH-3	15.4	18.3	14.5	8.7	5.3	-0.2	-12.8	-62	11.4
PH-4	15.5	18.3	14.5	8.8	5.4	-0.1	-12.6	-61.6	11.5
R16	20.7	23.1	18.3	11.6	7.7	1.2	-15.4	-79.7	14.6
FF-1	6	4.3	-5.1	-19.1	-31	-40.7	-53.8	-117.5	-9
FF-2	6	4.3	-5.1	-19	-31	-40.6	-53.6	-117.2	-9
FF-3	6.1	4.3	-5.1	-19	-31	-40.6	-53.5	-116.8	-9
FF-4	6.1	4.4	-5.1	-19	-30.9	-40.5	-53.4	-116.4	-9
PH-1	14.2	17.1	12.4	5.5	1.6	-4.9	-21.6	-86.4	8.6
PH-2	14.1	16.9	12.3	5.5	1.6	-4.8	-21.5	-86	8.6
PH-3	14	16.8	12.1	5.6	1.7	-4.7	-21.3	-85.5	8.5
PH-4	13.8	16.6	12	5.6	1.7	-4.7	-21.2	-85.1	8.5
R17	27.9	32.7	30.1	23	17.7	9.3	-10.7	-82.3	25.5
FF-1	8.6	8.2	-0.2	-13.5	-25.5	-35.8	-55.8	-138.9	-4.7
FF-2	8.7	8.3	-0.1	-13.5	-25.5	-35.8	-55.7	-138.5	-4.7
FF-3	8.7	8.3	-0.1	-13.4	-25.4	-35.7	-55.5	-138.1	-4.6
FF-4	8.7	8.3	-0.1	-13.4	-25.3	-35.6	-55.4	-137.7	-4.6
PH-1	16.5	19.4	14.7	5.6	0.5	-6.3	-24.4	-94.4	9.7
PH-2	16.5	19.4	14.7	5.6	0.5	-6.2	-24.3	-94.1	9.8
PH-3	16.5	19.4	14.7	5.7	0.6	-6.2	-24.2	-93.7	9.8
PH-4	26.6	32	29.7	22.8	17.4	8.9	-11.3	-83.2	25.1
R18	26.7	29.7	25.3	16.8	13.6	8.6	-1.9	-43.2	21.1
FF-1	0	-2.1	-11.8	-24.6	-33.5	-40	-51.8	-112	-15.4
FF-2	-0.2	-2.4	-12	-24.5	-33.5	-39.9	-51.7	-111.6	-15.6
FF-3	-0.5	-2.7	-12.3	-24.5	-33.4	-39.9	-51.5	-111.2	-15.9
FF-4	-1	-3.2	-12.8	-24.4	-33.4	-39.8	-51.4	-110.7	-16.3
PH-1	20.6	23.6	19.3	10.7	7.5	2.5	-8	-49.5	15
PH-2	20.7	23.7	19.3	10.7	7.6	2.5	-8	-49.3	15
PH-3	20.7	23.7	19.3	10.8	7.6	2.6	-7.9	-49.1	15
PH-4	20.7	23.7	19.4	10.8	7.7	2.6	-7.8	-48.9	15.1

R19	25.1	28	23.6	15	11.6	6.2	-6.1	-54.2	19.2
FF-1	-3.1	-5.4	-14.8	-26	-35.2	-42.1	-56.1	-124.3	-18.4
FF-2	-3.1	-5.4	-14.8	-25.9	-35.1	-42.1	-56	-123.9	-18.4
FF-3	-3.2	-5.4	-14.7	-25.9	-35.1	-42	-55.8	-123.6	-18.4
FF-4	-3.2	-5.4	-14.7	-25.9	-35	-41.9	-55.7	-123.1	-18.4
PH-1	19	22	17.5	9	5.6	0.1	-12.2	-60.4	13.1
PH-2	19	22	17.5	9	5.6	0.1	-12.2	-60.3	13.2
PH-3	19	22	17.6	9	5.6	0.2	-12.1	-60.1	13.2
PH-4	19	22	17.6	9	5.7	0.2	-12	-60	13.2
R20	29.8	34.2	30.8	22.6	16.5	7.7	-10.7	-74.8	25.7
FF-1	-10.7	-10.1	-17.2	-28.6	-38.4	-46.4	-65.1	-150.8	-22.2
FF-2	-10.7	-10.1	-17.1	-28.6	-38.4	-46.4	-65	-150.5	-22.2
FF-3	-10.7	-10.1	-17.1	-28.6	-38.3	-46.3	-64.8	-150.1	-22.1
FF-4	-10.6	-10.1	-17.1	-28.5	-38.3	-46.2	-64.7	-149.7	-22.1
PH-1	26.4	30.9	27.6	19.5	13.1	4.1	-14.7	-79.8	22.5
PH-2	26.3	30.9	27.5	19.4	13.1	4.1	-14.8	-79.8	22.4
PH-3	16.4	19.3	14.7	6	2.2	-4.1	-20.1	-82.2	10.1
PH-4	16.4	19.3	14.7	6	2.2	-4.1	-20.1	-82.2	10.1
R21	31.4	36.2	33	25.1	18.9	9.9	-9	-74.9	28
FF-1	-10.9	-10.4	-17.4	-29	-38.8	-46.9	-66.2	-154.2	-22.4
FF-2	-10.9	-10.4	-17.4	-28.9	-38.8	-46.9	-66.1	-153.8	-22.4
FF-3	-10.9	-10.3	-17.4	-28.9	-38.7	-46.8	-65.9	-153.5	-22.4
FF-4	-10.9	-10.3	-17.4	-28.9	-38.7	-46.8	-65.8	-153.1	-22.4
PH-1	26.6	31.3	28.2	20.3	14.1	5.1	-14	-80.1	23.1
PH-2	26.5	31.3	28.2	20.2	14	5	-14.1	-80.2	23.1
PH-3	26.5	31.3	28.1	20.2	14	4.9	-14.2	-80.3	23.1
PH-4	16.2	19.1	14.5	5.8	1.9	-4.5	-20.8	-84.1	9.9
R22	34.9	40.2	37.8	30.7	25.3	17.3	1.1	-54.8	33.2
FF-1	-10	-9.4	-16.3	-27.7	-37.2	-44.8	-61.6	-140.5	-21.3
FF-2	-9.9	-9.3	-16.3	-27.6	-37.2	-44.7	-61.5	-140.2	-21.3
FF-3	-9.9	-9.3	-16.3	-27.6	-37.1	-44.7	-61.4	-139.9	-21.3
FF-4	-9.9	-9.3	-16.2	-27.6	-37.1	-44.7	-61.3	-139.6	-21.3
PH-1	29	34.3	31.9	24.8	19.4	11.4	-4.7	-60.3	27.2
PH-2	28.9	34.2	31.8	24.7	19.4	11.3	-4.8	-60.6	27.2
PH-3	28.9	34.2	31.8	24.6	19.3	11.2	-5	-61	27.1
PH-4	28.8	34.1	31.7	24.6	19.2	11.1	-5.1	-61.4	27
R23	23.7	26.6	22.2	15.5	12.2	6.9	-4.8	-50.7	18.8
FF-1	-8.2	-7.5	-14.3	-25.4	-34.5	-41.3	-54.4	-119.3	-19.4
FF-2	-8.2	-7.5	-14.3	-25.4	-34.5	-41.3	-54.3	-119.1	-19.3
FF-3	-8.2	-7.5	-14.3	-25.4	-34.5	-41.2	-54.3	-119	-19.3
FF-4	-8.2	-7.5	-14.3	-25.4	-34.5	-41.2	-54.2	-118.8	-19.3
PH-1	17.3	20.3	15.8	9.6	6.3	1	-10.5	-56	12.7
PH-2	17.6	20.5	16	9.6	6.3	0.9	-10.7	-56.4	12.7
PH-3	17.8	20.7	16.3	9.5	6.2	0.8	-10.9	-57	12.8
PH-4	18	20.9	16.5	9.4	6.1	0.7	-11.1	-57.5	12.8
R24	23.4	26.3	22.4	16	12.8	7.6	-3.6	-47.6	19.1
FF-1	-6.9	-6.2	-12.8	-23.8	-32.6	-38.8	-49.5	-105.4	-17.9
FF-2	-6.9	-6.2	-12.8	-23.8	-32.6	-38.8	-49.5	-105.3	-17.9
FF-3	-6.9	-6.2	-12.8	-23.8	-32.6	-38.8	-49.4	-105.3	-17.8
FF-4	-6.9	-6.1	-12.8	-23.8	-32.6	-38.8	-49.4	-105.2	-17.8
PH-1	17.8	20.8	16.3	10.1	6.9	1.7	-9.3	-52.9	13.2
PH-2	18	21	16.6	10.1	6.8	1.6	-9.5	-53.3	13.3
PH-3	18.3	21.2	16.8	10	6.7	1.5	-9.7	-53.9	13.3
PH-4	14	17	15.6	9.9	6.6	1.4	-9.9	-54.3	12.4
R25	16.8	21.8	20.3	14.5	11	5.4	-7.4	-57.6	17
FF-1	-6.7	-6	-12.6	-23.6	-32.3	-38.5	-48.8	-103.5	-17.6
FF-2	-6.7	-6	-12.6	-23.6	-32.3	-38.5	-48.8	-103.6	-17.7

FF-3	-6.7	-6	-12.6	-23.6	-32.3	-38.5	-48.9	-103.6	-17.7
FF-4	-6.7	-6	-12.6	-23.6	-32.3	-38.5	-48.9	-103.7	-17.7
PH-1	10.8	15.9	14.3	8.6	5.1	-0.5	-13.2	-63.1	11
PH-2	10.7	15.8	14.3	8.5	5.1	-0.5	-13.3	-63.4	11
PH-3	10.7	15.7	14.2	8.4	5	-0.6	-13.5	-63.9	10.9
PH-4	10.7	15.7	14.2	8.4	4.9	-0.7	-13.7	-64.3	10.8
R26	33.4	36.5	32.4	25	22.5	18.6	13.6	-7.3	29.1
FF-1	-4.9	-4.2	-10.7	-21.5	-29.9	-35.5	-43.2	-88.2	-15.7
FF-2	-4.9	-4.1	-10.6	-21.4	-29.8	-35.4	-43.1	-87.8	-15.7
FF-3	-4.8	-4.1	-10.6	-21.3	-29.8	-35.3	-43	-87.5	-15.6
FF-4	-4.8	-4	-10.5	-21.3	-29.7	-35.2	-42.8	-87.1	-15.6
PH-1	28.1	31.2	27.1	18.9	16.4	12.6	7.6	-13.4	23.4
PH-2	27.1	30.2	26.1	19	16.5	12.6	7.6	-13.3	22.9
PH-3	27.2	30.2	26.1	19	16.5	12.6	7.6	-13.2	23
PH-4	27.2	30.3	26.1	19	16.5	12.7	7.7	-13.2	23
NokiaTheater	38	39.1	33.2	23.7	17.6	13.6	14.6	7.2	28.7
FF-1	32.5	33.5	27.4	17.3	10.1	6.7	9.1	2.2	22.7
FF-2	32.1	33.1	27	16.9	9.7	6.4	8.7	1.5	22.4
FF-3	31.8	32.7	26.7	16.5	9.3	6	8.2	0.8	22
FF-4	31.4	32.4	26.3	16.2	8.9	5.5	7.7	0	21.6
PH-1	11.7	17.5	16.1	10.4	7.2	2.1	-8.6	-51.1	13
PH-2	11.7	17.5	16.1	10.5	7.3	2.1	-8.6	-50.9	13
PH-3	11.8	17.6	16.1	10.5	7.3	2.2	-8.5	-50.7	13.1
PH-4	11.8	17.6	16.2	10.5	7.4	2.2	-8.4	-50.5	13.1
Ritz-Flr1	19.1	22.7	20.8	14.9	11.5	6	-5.9	-29.4	17.5
FF-1	9.9	7.9	0.4	-9.9	-17.3	-21.1	-20.6	-34.7	-3.8
FF-2	9.8	7.8	0.2	-10	-17.5	-21.3	-20.8	-35.2	-4
FF-3	9.7	7.7	0	-10.2	-17.7	-21.5	-21.1	-35.7	-4.1
FF-4	9.5	7.5	-0.2	-10.4	-17.9	-21.7	-21.4	-36.3	-4.3
PH-1	10.3	16.1	14.6	8.8	5.4	-0.1	-12.6	-61.4	11.3
PH-2	10.3	16.1	14.6	8.8	5.4	-0.1	-12.5	-61.3	11.3
PH-3	10.3	16.1	14.6	8.9	5.5	0	-12.5	-61.1	11.3
PH-4	10.4	16.1	14.6	8.9	5.5	0	-12.4	-61	11.3
Ritz-Flr27	30.3	31.6	26.2	17.7	12.7	7.7	3.4	-13.6	21.8
FF-1	24.3	25.2	19	8.8	1.3	-2.6	-2.7	-19	14.2
FF-2	24.2	25.1	18.9	8.6	1.1	-2.8	-2.9	-19.4	14.1
FF-3	24	25	18.8	8.5	1	-2.9	-3.1	-19.8	13.9
FF-4	23.9	24.8	18.6	8.4	0.8	-3.1	-3.4	-20.3	13.8
PH-1	10.8	15.9	14.4	8.7	5.2	-0.3	-13	-62.4	11.1
PH-2	10.9	16	14.4	8.7	5.3	-0.3	-12.9	-62.3	11.1
PH-3	10.9	16	14.5	8.7	5.3	-0.3	-12.8	-62.1	11.2
PH-4	10.9	16	14.5	8.7	5.3	-0.2	-12.8	-62	11.2
Ritz-Flr54	28.2	29.4	24.4	16.3	11.7	6.3	-0.5	-22.9	20.1
FF-1	21.8	22.7	16.5	6.1	-1.5	-5.7	-7.2	-28.4	11.6
FF-2	21.8	22.6	16.4	6	-1.6	-5.8	-7.3	-28.7	11.5
FF-3	21.7	22.6	16.3	6	-1.7	-5.9	-7.4	-29	11.4
FF-4	21.6	22.5	16.2	5.9	-1.8	-6	-7.6	-29.4	11.3
PH-1	11.9	15.5	14	8.2	4.7	-1	-14.1	-65.5	10.7
PH-2	11.9	15.6	14	8.2	4.7	-0.9	-14.1	-65.4	10.7
PH-3	11.9	15.6	14	8.2	4.8	-0.9	-14	-65.2	10.7
PH-4	11.9	15.6	14.1	8.3	4.8	-0.9	-13.9	-65.1	10.7
R6	20.4	25.9	24.5	19	16.1	11.4	2.9	-31.2	21.7
FF-1	-4.1	-3.3	-9.8	-20.5	-28.8	-34.2	-40.9	-82	-14.8
FF-2	-4.1	-3.3	-9.8	-20.5	-28.8	-34.2	-40.9	-82	-14.8
FF-3	-4.1	-3.3	-9.8	-20.5	-28.8	-34.2	-40.9	-81.9	-14.8
FF-4	-4.1	-3.3	-9.8	-20.5	-28.8	-34.2	-40.9	-81.9	-14.8
PH-1	14.4	19.9	18.6	13.1	10.2	5.6	-2.8	-36.6	15.8

PH-2	14.3	19.9	18.5	13.1	10.1	5.5	-3	-36.9	15.8
PH-3	14.3	19.8	18.4	13	10	5.4	-3.2	-37.4	15.6
PH-4	14.2	19.7	18.4	12.9	9.9	5.3	-3.4	-37.9	15.6
R7	17.9	23.5	22	16.4	13.2	8	-2.8	-44.8	18.9
FF-1	-0.2	0.7	-5.6	-16.1	-23.9	-28.4	-31.2	-57.7	-10.6
FF-2	-0.2	0.7	-5.7	-16.1	-23.9	-28.4	-31.3	-57.9	-10.6
FF-3	-0.3	0.6	-5.7	-16.2	-24	-28.5	-31.4	-58.1	-10.7
FF-4	-0.3	0.6	-5.8	-16.2	-24.1	-28.6	-31.5	-58.4	-10.7
PH-1	11.6	17.5	16	10.4	7.2	2	-8.8	-51.5	12.9
PH-2	11.6	17.4	16	10.4	7.1	2	-8.8	-51.6	12.9
PH-3	11.6	17.4	16	10.3	7.1	2	-8.9	-51.8	12.9
PH-4	11.6	17.4	16	10.3	7.1	1.9	-9	-51.9	12.9
R6c	16.3	21.9	20.4	14.6	11.2	5.6	-7.1	-56.8	17.1
FF-1	-4.2	-3.5	-10	-20.7	-29	-34.4	-41.3	-82.9	-15
FF-2	-4.3	-3.5	-10	-20.7	-29	-34.4	-41.3	-83.1	-15
FF-3	-4.3	-3.5	-10	-20.7	-29	-34.5	-41.4	-83.2	-15
FF-4	-4.3	-3.5	-10	-20.7	-29.1	-34.5	-41.4	-83.4	-15
PH-1	10.2	15.9	14.4	8.6	5.2	-0.3	-13	-62.5	11.1
PH-2	10.1	15.9	14.4	8.6	5.2	-0.4	-13.1	-62.7	11.1
PH-3	10.1	15.9	14.3	8.6	5.1	-0.5	-13.2	-63.1	11
PH-4	10.1	15.8	14.3	8.5	5.1	-0.5	-13.3	-63.3	11

Outdoor Noise Prediction Model, Version 2.0 (Sean K. Bui), January 1, 2006

Client: Matrix Environmental
Description: LA Convention Modernization & Farmers Field
AES Job No: 2011113
Consultant: skb
Date: 9/13/2011
Source: **Trash Compactor - Lmax**

Description	63	125	250	500	1000	2000	4000	8000 dBA	
R1	34.4	35.6	30.2	21.4	16.2	11.4	8.2	-6.7	25.7
FF-1	28.5	29.5	23.3	13.1	5.6	1.9	2.3	-11.9	18.5
FF-2	28.4	29.3	23.1	12.9	5.5	1.7	2.1	-12.4	18.3
FF-3	28.2	29.1	23	12.7	5.3	1.5	1.8	-13	18.1
FF-4	28	28.9	22.8	12.5	5.1	1.2	1.5	-13.6	17.9
PH-1	13.3	19.1	17.6	11.8	8.4	2.9	-9.5	-58.2	14.3
PH-2	13.3	19.1	17.6	11.9	8.5	3	-9.4	-58	14.3
PH-3	13.4	19.1	17.6	11.9	8.5	3	-9.4	-57.9	14.4
PH-4	13.4	19.2	17.6	11.9	8.5	3	-9.3	-57.7	14.4
R2	30.9	32.6	29	22.5	19.3	14.6	6.6	-24.9	25.7
FF-1	22.9	23.8	17.5	7	-0.8	-5.3	-8	-34.3	12.5
FF-2	23	23.9	17.5	7.1	-0.7	-5.2	-7.9	-33.9	12.6
FF-3	23.1	23.9	17.6	7.2	-0.6	-5.1	-7.7	-33.5	12.7
FF-4	23.2	24	17.7	7.3	-0.5	-4.9	-7.5	-33	12.8
PH-1	20.3	23.2	21.3	15.8	12.9	8.2	-0.4	-35	18.6
PH-2	20.3	23.2	21.4	15.9	13	8.3	-0.3	-34.6	18.7
PH-3	20.4	23.3	21.5	16	13.1	8.5	0	-34	18.8
PH-4	20.5	23.4	21.6	16.1	13.2	8.6	0.2	-33.5	18.9
R3	29.8	32	27.5	21.4	18.2	13.4	4.3	-32.5	24.5
FF-1	19.5	20.3	13.8	3.2	-5	-10.2	-16.3	-54.7	8.8
FF-2	19.5	20.3	13.9	3.2	-5	-10.2	-16.1	-54.3	8.9
FF-3	19.6	20.4	14	3.3	-4.9	-10.1	-15.9	-53.9	9
FF-4	19.7	20.5	14	3.4	-4.8	-10	-15.8	-53.4	9
PH-1	21.7	24.6	20.5	15	12	7.1	-2.2	-39.4	17.9
PH-2	21.7	24.7	20.6	15.1	12.1	7.2	-2	-38.9	18
PH-3	21.6	24.6	20.7	15.2	12.2	7.4	-1.8	-38.4	18.1
PH-4	21.5	24.5	20.8	15.3	12.3	7.5	-1.6	-37.9	18.1
R4	43.7	47.8	44.3	36.4	31	24.1	15.4	-9.7	39.5
FF-1	-2.7	-2	-8.5	-19.4	-27.9	-33.8	-42.6	-91.6	-13.6
FF-2	-2.7	-1.9	-8.5	-19.3	-27.9	-33.7	-42.5	-91.3	-13.5
FF-3	-2.6	-1.9	-8.5	-19.3	-27.9	-33.7	-42.4	-91.1	-13.5
FF-4	-2.6	-1.9	-8.4	-19.2	-27.8	-33.6	-42.3	-90.8	-13.5
PH-1	37.9	42	38.5	30.6	25.2	18.3	9.7	-15.1	33.7
PH-2	37.8	41.8	38.3	30.4	25.1	18.1	9.5	-15.5	33.6
PH-3	37.6	41.7	38.2	30.3	24.9	17.9	9.2	-16	33.4
PH-4	37.5	41.5	38	30.1	24.7	17.7	9	-16.4	33.2
R5	30	33	28.7	22.7	19.9	15.3	7.3	-24.8	25.9
FF-1	-2.8	-2.1	-8.6	-19.5	-28.1	-33.9	-42.9	-92.5	-13.7
FF-2	-2.8	-2	-8.6	-19.5	-28.1	-33.9	-42.9	-92.3	-13.7
FF-3	-2.8	-2	-8.6	-19.4	-28	-33.9	-42.8	-92.2	-13.6
FF-4	-2.7	-2	-8.6	-19.4	-28	-33.8	-42.7	-92	-13.6
PH-1	23.7	26.7	22.4	16.9	14	9.5	1.6	-30.1	19.9
PH-2	23.9	26.9	22.6	16.8	13.9	9.4	1.4	-30.5	19.9
PH-3	24.1	27.1	22.8	16.6	13.8	9.2	1.2	-31.1	19.9
PH-4	24.2	27.2	22.9	16.5	13.7	9.1	1	-31.6	19.9
R6b	25.2	31.1	29.8	24.4	21.7	17.4	10.5	-17.4	27.2
FF-1	0.6	1.5	-4.9	-15.5	-23.6	-28.5	-33.2	-67	-9.9
FF-2	0.7	1.5	-4.9	-15.5	-23.5	-28.5	-33.2	-66.9	-9.9
FF-3	0.7	1.5	-4.9	-15.5	-23.5	-28.4	-33.2	-66.8	-9.9

FF-4	0.7	1.5	-4.9	-15.4	-23.5	-28.4	-33.1	-66.7	-9.9
PH-1	19.3	25.2	23.9	18.5	15.8	11.5	4.8	-22.9	21.4
PH-2	19.2	25.1	23.8	18.4	15.7	11.4	4.6	-23.2	21.3
PH-3	19.1	25	23.7	18.3	15.6	11.3	4.4	-23.6	21.2
PH-4	19	24.9	23.6	18.2	15.5	11.2	4.2	-24	21.1
R7b	20.9	26.5	25	19.4	16.2	11	0.2	-41.8	21.9
FF-1	2.8	3.7	-2.6	-13.1	-20.9	-25.4	-28.2	-54.7	-7.6
FF-2	2.8	3.7	-2.7	-13.1	-20.9	-25.4	-28.3	-54.9	-7.6
FF-3	2.7	3.6	-2.7	-13.2	-21	-25.5	-28.4	-55.1	-7.7
FF-4	2.7	3.6	-2.8	-13.2	-21.1	-25.6	-28.5	-55.4	-7.7
PH-1	14.6	20.5	19	13.4	10.2	5	-5.8	-48.5	15.9
PH-2	14.6	20.4	19	13.4	10.1	5	-5.8	-48.6	15.9
PH-3	14.6	20.4	19	13.3	10.1	5	-5.9	-48.8	15.9
PH-4	14.6	20.4	19	13.3	10.1	4.9	-6	-48.9	15.9
R8	17.8	23.4	21.7	15.8	12.1	6.1	-8.8	-66.8	18.2
FF-1	-2.5	-1.8	-8.3	-19.2	-27.7	-33.5	-42	-90.1	-13.4
FF-2	-2.5	-1.8	-8.4	-19.2	-27.7	-33.5	-42.1	-90.3	-13.4
FF-3	-2.6	-1.8	-8.4	-19.2	-27.8	-33.5	-42.2	-90.5	-13.4
FF-4	-2.6	-1.8	-8.4	-19.2	-27.8	-33.6	-42.3	-90.7	-13.4
PH-1	11.6	17.4	15.7	9.8	6.2	0.1	-14.7	-72.5	12.2
PH-2	11.6	17.3	15.7	9.8	6.1	0.1	-14.8	-72.7	12.2
PH-3	11.6	17.3	15.7	9.8	6.1	0	-14.9	-73	12.2
PH-4	11.6	17.3	15.6	9.7	6	0	-15	-73.3	12.1
R9	17.1	22.7	20.9	14.9	11.1	4.7	-11.4	-72.2	17.3
FF-1	-1.6	-0.8	-7.3	-18	-26.4	-31.9	-39.2	-82.3	-12.3
FF-2	-1.6	-0.8	-7.3	-18.1	-26.5	-31.9	-39.3	-82.6	-12.4
FF-3	-1.6	-0.9	-7.4	-18.1	-26.5	-32	-39.4	-82.9	-12.4
FF-4	-1.7	-0.9	-7.4	-18.2	-26.6	-32.1	-39.5	-83.3	-12.4
PH-1	10.9	16.6	14.9	8.9	5.1	-1.3	-17.3	-79.8	11.3
PH-2	10.9	16.6	14.9	8.9	5	-1.3	-17.4	-79.9	11.2
PH-3	10.8	16.5	14.9	8.9	5	-1.3	-17.5	-80.1	11.2
PH-4	10.8	16.5	14.8	8.9	5	-1.3	-17.5	-80.3	11.2
R10	19	22.4	20.1	13.9	9.8	3.2	-14.3	-59.1	16.3
FF-1	9	7	-2.3	-15.1	-23.1	-27.9	-32.3	-64.7	-6.1
FF-2	10.4	8.4	-0.9	-14.4	-23.2	-28	-32.4	-65	-4.7
FF-3	10.3	8.4	-0.9	-14.4	-23.2	-28.1	-32.6	-65.3	-4.8
FF-4	10.3	8.3	-1	-14.5	-23.3	-28.2	-32.7	-65.6	-4.9
PH-1	10	15.6	13.9	7.8	3.7	-2.9	-20.7	-89.3	10.1
PH-2	10	15.7	13.9	7.8	3.8	-2.9	-20.6	-89.1	10.1
PH-3	10	15.7	13.9	7.9	3.8	-2.9	-20.5	-88.8	10.2
PH-4	10	15.7	14	7.9	3.8	-2.8	-20.4	-88.5	10.2
R11	16.3	20.1	17.7	11.3	6.7	-1	-22.8	-86.2	13.6
FF-1	8.9	7	-2.4	-16.1	-27.7	-33.8	-42.7	-91.9	-6.3
FF-2	8.9	7	-2.4	-16.1	-27.7	-33.9	-42.8	-92.2	-6.3
FF-3	0.1	-2	-8.6	-19.5	-28.1	-33.9	-42.9	-92.4	-13.5
FF-4	-0.3	-2.1	-8.7	-19.5	-28.1	-34	-43	-92.7	-13.6
PH-1	7.9	13.5	11.5	5.2	0.6	-7.1	-29.2	-114.2	7.4
PH-2	7.9	13.5	11.6	5.2	0.6	-7	-29.1	-113.9	7.4
PH-3	8	13.5	11.6	5.2	0.7	-7	-29	-113.6	7.5
PH-4	8	13.6	11.6	5.3	0.7	-6.9	-28.9	-113.4	7.5
R12	15.6	20.8	18.9	12.6	8.3	1.2	-18.3	-74.5	14.9
FF-1	-0.1	-0.5	-7	-17.7	-26.1	-31.5	-38.4	-80.3	-12
FF-2	-0.3	-0.5	-7	-17.7	-26.1	-31.5	-38.5	-80.5	-12
FF-3	-0.6	-0.6	-7.1	-17.8	-26.1	-31.5	-38.5	-80.6	-12
FF-4	-1	-0.6	-7.1	-17.8	-26.1	-31.6	-38.6	-80.8	-12.1
PH-1	9.1	14.6	12.8	6.5	2.2	-4.9	-24.6	-100.7	8.8
PH-2	9.1	14.6	12.8	6.6	2.3	-4.8	-24.5	-100.4	8.8

PH-3	9.1	14.7	12.8	6.6	2.3	-4.8	-24.4	-100	8.9
PH-4	9.1	14.7	12.9	6.6	2.4	-4.7	-24.3	-99.7	8.9
R13	17.7	22.9	21.2	15.2	11.3	5.1	-10.5	-53.5	17.5
FF-1	2	2.8	-3.6	-14.1	-22	-26.6	-30.2	-59.5	-8.5
FF-2	1.9	2.8	-3.6	-14.1	-22	-26.7	-30.2	-59.5	-8.5
FF-3	1.9	2.8	-3.6	-14.1	-22	-26.7	-30.3	-59.6	-8.6
FF-4	1.9	2.7	-3.6	-14.1	-22	-26.7	-30.3	-59.7	-8.6
PH-1	11.2	16.7	15	9.1	5.2	-1	-16.9	-78.6	11.4
PH-2	11.2	16.7	15.1	9.1	5.3	-1	-16.8	-78.3	11.4
PH-3	11.2	16.8	15.1	9.1	5.3	-0.9	-16.7	-77.9	11.5
PH-4	11.3	16.8	15.1	9.2	5.4	-0.8	-16.6	-77.6	11.5
R14	19.1	22.8	21	15	11.2	4.9	-11	-68.7	17.4
FF-1	-0.8	0	-6.5	-17.2	-25.5	-30.7	-37.1	-76.9	-11.5
FF-2	-0.8	0	-6.5	-17.2	-25.4	-30.7	-37.1	-76.8	-11.5
FF-3	-0.8	0	-6.5	-17.1	-25.4	-30.7	-37	-76.6	-11.5
FF-4	-0.8	0	-6.4	-17.1	-25.4	-30.6	-36.9	-76.4	-11.4
PH-1	12.9	16.6	14.9	8.9	5.1	-1.2	-17.3	-79.7	11.3
PH-2	12.9	16.6	15	9	5.1	-1.2	-17.2	-79.3	11.3
PH-3	12.9	16.7	15	9	5.2	-1.1	-17	-78.8	11.4
PH-4	13	16.7	15.1	9.1	5.3	-1	-16.8	-78.4	11.5
R15	24.6	27.3	23.5	17.7	14.3	8.7	-3.9	-53.2	20.4
FF-1	4.5	2.4	-7.1	-18.6	-27.1	-32.7	-40.7	-86.5	-10.7
FF-2	4.5	2.4	-7.1	-18.6	-27.1	-32.7	-40.6	-86.1	-10.6
FF-3	4.6	2.5	-7	-18.5	-27	-32.6	-40.5	-85.8	-10.6
FF-4	4.6	2.5	-7	-18.5	-26.9	-32.5	-40.3	-85.4	-10.6
PH-1	18.3	21.1	17.3	11.6	8.1	2.6	-10.2	-60	14.3
PH-2	18.3	21.2	17.4	11.6	8.2	2.6	-10	-59.6	14.3
PH-3	18.4	21.3	17.5	11.7	8.3	2.8	-9.8	-59	14.4
PH-4	18.5	21.3	17.5	11.8	8.4	2.9	-9.6	-58.6	14.5
R16	23.7	26.1	21.3	14.6	10.7	4.2	-12.4	-76.7	17.6
FF-1	9	7.3	-2.1	-16.1	-28	-37.7	-50.8	-114.5	-6
FF-2	9	7.3	-2.1	-16	-28	-37.6	-50.6	-114.2	-6
FF-3	9.1	7.3	-2.1	-16	-28	-37.6	-50.5	-113.8	-6
FF-4	9.1	7.4	-2.1	-16	-27.9	-37.5	-50.4	-113.4	-6
PH-1	17.2	20.1	15.4	8.5	4.6	-1.9	-18.6	-83.4	11.6
PH-2	17.1	19.9	15.3	8.5	4.6	-1.8	-18.5	-83	11.6
PH-3	17	19.8	15.1	8.6	4.7	-1.7	-18.3	-82.5	11.5
PH-4	16.8	19.6	15	8.6	4.7	-1.7	-18.2	-82.1	11.5
R17	30.9	35.7	33.1	26	20.7	12.3	-7.7	-79.3	28.5
FF-1	11.6	11.2	2.8	-10.5	-22.5	-32.8	-52.8	-135.9	-1.7
FF-2	11.7	11.3	2.9	-10.5	-22.5	-32.8	-52.7	-135.5	-1.7
FF-3	11.7	11.3	2.9	-10.4	-22.4	-32.7	-52.5	-135.1	-1.6
FF-4	11.7	11.3	2.9	-10.4	-22.3	-32.6	-52.4	-134.7	-1.6
PH-1	19.5	22.4	17.7	8.6	3.5	-3.3	-21.4	-91.4	12.7
PH-2	19.5	22.4	17.7	8.6	3.5	-3.2	-21.3	-91.1	12.8
PH-3	19.5	22.4	17.7	8.7	3.6	-3.2	-21.2	-90.7	12.8
PH-4	29.6	35	32.7	25.8	20.4	11.9	-8.3	-80.2	28.1
R18	29.7	32.7	28.3	19.8	16.6	11.6	1.1	-40.2	24.1
FF-1	3	0.9	-8.8	-21.6	-30.5	-37	-48.8	-109	-12.4
FF-2	2.8	0.6	-9	-21.5	-30.5	-36.9	-48.7	-108.6	-12.6
FF-3	2.5	0.3	-9.3	-21.5	-30.4	-36.9	-48.5	-108.2	-12.9
FF-4	2	-0.2	-9.8	-21.4	-30.4	-36.8	-48.4	-107.7	-13.3
PH-1	23.6	26.6	22.3	13.7	10.5	5.5	-5	-46.5	18
PH-2	23.7	26.7	22.3	13.7	10.6	5.5	-5	-46.3	18
PH-3	23.7	26.7	22.3	13.8	10.6	5.6	-4.9	-46.1	18
PH-4	23.7	26.7	22.4	13.8	10.7	5.6	-4.8	-45.9	18.1

R19	28.1	31	26.6	18	14.6	9.2	-3.1	-51.2	22.2
FF-1	-0.1	-2.4	-11.8	-23	-32.2	-39.1	-53.1	-121.3	-15.4
FF-2	-0.1	-2.4	-11.8	-22.9	-32.1	-39.1	-53	-120.9	-15.4
FF-3	-0.2	-2.4	-11.7	-22.9	-32.1	-39	-52.8	-120.6	-15.4
FF-4	-0.2	-2.4	-11.7	-22.9	-32	-38.9	-52.7	-120.1	-15.4
PH-1	22	25	20.5	12	8.6	3.1	-9.2	-57.4	16.1
PH-2	22	25	20.5	12	8.6	3.1	-9.2	-57.3	16.2
PH-3	22	25	20.6	12	8.6	3.2	-9.1	-57.1	16.2
PH-4	22	25	20.6	12	8.7	3.2	-9	-57	16.2
R20	32.8	37.2	33.8	25.6	19.5	10.7	-7.7	-71.8	28.7
FF-1	-7.7	-7.1	-14.2	-25.6	-35.4	-43.4	-62.1	-147.8	-19.2
FF-2	-7.7	-7.1	-14.1	-25.6	-35.4	-43.4	-62	-147.5	-19.2
FF-3	-7.7	-7.1	-14.1	-25.6	-35.3	-43.3	-61.8	-147.1	-19.1
FF-4	-7.6	-7.1	-14.1	-25.5	-35.3	-43.2	-61.7	-146.7	-19.1
PH-1	29.4	33.9	30.6	22.5	16.1	7.1	-11.7	-76.8	25.5
PH-2	29.3	33.9	30.5	22.4	16.1	7.1	-11.8	-76.8	25.4
PH-3	19.4	22.3	17.7	9	5.2	-1.1	-17.1	-79.2	13.1
PH-4	19.4	22.3	17.7	9	5.2	-1.1	-17.1	-79.2	13.1
R21	34.4	39.2	36	28.1	21.9	12.9	-6	-71.9	31
FF-1	-7.9	-7.4	-14.4	-26	-35.8	-43.9	-63.2	-151.2	-19.4
FF-2	-7.9	-7.4	-14.4	-25.9	-35.8	-43.9	-63.1	-150.8	-19.4
FF-3	-7.9	-7.3	-14.4	-25.9	-35.7	-43.8	-62.9	-150.5	-19.4
FF-4	-7.9	-7.3	-14.4	-25.9	-35.7	-43.8	-62.8	-150.1	-19.4
PH-1	29.6	34.3	31.2	23.3	17.1	8.1	-11	-77.1	26.1
PH-2	29.5	34.3	31.2	23.2	17	8	-11.1	-77.2	26.1
PH-3	29.5	34.3	31.1	23.2	17	7.9	-11.2	-77.3	26.1
PH-4	19.2	22.1	17.5	8.8	4.9	-1.5	-17.8	-81.1	12.9
R22	37.9	43.2	40.8	33.7	28.3	20.3	4.1	-51.8	36.2
FF-1	-7	-6.4	-13.3	-24.7	-34.2	-41.8	-58.6	-137.5	-18.3
FF-2	-6.9	-6.3	-13.3	-24.6	-34.2	-41.7	-58.5	-137.2	-18.3
FF-3	-6.9	-6.3	-13.3	-24.6	-34.1	-41.7	-58.4	-136.9	-18.3
FF-4	-6.9	-6.3	-13.2	-24.6	-34.1	-41.7	-58.3	-136.6	-18.3
PH-1	32	37.3	34.9	27.8	22.4	14.4	-1.7	-57.3	30.2
PH-2	31.9	37.2	34.8	27.7	22.4	14.3	-1.8	-57.6	30.2
PH-3	31.9	37.2	34.8	27.6	22.3	14.2	-2	-58	30.1
PH-4	31.8	37.1	34.7	27.6	22.2	14.1	-2.1	-58.4	30
R23	26.7	29.6	25.2	18.5	15.2	9.9	-1.8	-47.7	21.8
FF-1	-5.2	-4.5	-11.3	-22.4	-31.5	-38.3	-51.4	-116.3	-16.4
FF-2	-5.2	-4.5	-11.3	-22.4	-31.5	-38.3	-51.3	-116.1	-16.3
FF-3	-5.2	-4.5	-11.3	-22.4	-31.5	-38.2	-51.3	-116	-16.3
FF-4	-5.2	-4.5	-11.3	-22.4	-31.5	-38.2	-51.2	-115.8	-16.3
PH-1	20.3	23.3	18.8	12.6	9.3	4	-7.5	-53	15.7
PH-2	20.6	23.5	19	12.6	9.3	3.9	-7.7	-53.4	15.7
PH-3	20.8	23.7	19.3	12.5	9.2	3.8	-7.9	-54	15.8
PH-4	21	23.9	19.5	12.4	9.1	3.7	-8.1	-54.5	15.8
R24	26.4	29.3	25.4	19	15.8	10.6	-0.6	-44.6	22.1
FF-1	-3.9	-3.2	-9.8	-20.8	-29.6	-35.8	-46.5	-102.4	-14.9
FF-2	-3.9	-3.2	-9.8	-20.8	-29.6	-35.8	-46.5	-102.3	-14.9
FF-3	-3.9	-3.2	-9.8	-20.8	-29.6	-35.8	-46.4	-102.3	-14.8
FF-4	-3.9	-3.1	-9.8	-20.8	-29.6	-35.8	-46.4	-102.2	-14.8
PH-1	20.8	23.8	19.3	13.1	9.9	4.7	-6.3	-49.9	16.2
PH-2	21	24	19.6	13.1	9.8	4.6	-6.5	-50.3	16.3
PH-3	21.3	24.2	19.8	13	9.7	4.5	-6.7	-50.9	16.3
PH-4	17	20	18.6	12.9	9.6	4.4	-6.9	-51.3	15.4
R25	19.8	24.8	23.3	17.5	14	8.4	-4.4	-54.6	20
FF-1	-3.7	-3	-9.6	-20.6	-29.3	-35.5	-45.8	-100.5	-14.6
FF-2	-3.7	-3	-9.6	-20.6	-29.3	-35.5	-45.8	-100.6	-14.7

FF-3	-3.7	-3	-9.6	-20.6	-29.3	-35.5	-45.9	-100.6	-14.7
FF-4	-3.7	-3	-9.6	-20.6	-29.3	-35.5	-45.9	-100.7	-14.7
PH-1	13.8	18.9	17.3	11.6	8.1	2.5	-10.2	-60.1	14
PH-2	13.7	18.8	17.3	11.5	8.1	2.5	-10.3	-60.4	14
PH-3	13.7	18.7	17.2	11.4	8	2.4	-10.5	-60.9	13.9
PH-4	13.7	18.7	17.2	11.4	7.9	2.3	-10.7	-61.3	13.8
R26	36.4	39.5	35.4	28	25.5	21.6	16.6	-4.3	32.1
FF-1	-1.9	-1.2	-7.7	-18.5	-26.9	-32.5	-40.2	-85.2	-12.7
FF-2	-1.9	-1.1	-7.6	-18.4	-26.8	-32.4	-40.1	-84.8	-12.7
FF-3	-1.8	-1.1	-7.6	-18.3	-26.8	-32.3	-40	-84.5	-12.6
FF-4	-1.8	-1	-7.5	-18.3	-26.7	-32.2	-39.8	-84.1	-12.6
PH-1	31.1	34.2	30.1	21.9	19.4	15.6	10.6	-10.4	26.4
PH-2	30.1	33.2	29.1	22	19.5	15.6	10.6	-10.3	25.9
PH-3	30.2	33.2	29.1	22	19.5	15.6	10.6	-10.2	26
PH-4	30.2	33.3	29.1	22	19.5	15.7	10.7	-10.2	26
NokiaTheater	41	42.1	36.2	26.7	20.6	16.6	17.6	10.2	31.7
FF-1	35.5	36.5	30.4	20.3	13.1	9.7	12.1	5.2	25.7
FF-2	35.1	36.1	30	19.9	12.7	9.4	11.7	4.5	25.4
FF-3	34.8	35.7	29.7	19.5	12.3	9	11.2	3.8	25
FF-4	34.4	35.4	29.3	19.2	11.9	8.5	10.7	3	24.6
PH-1	14.7	20.5	19.1	13.4	10.2	5.1	-5.6	-48.1	16
PH-2	14.7	20.5	19.1	13.5	10.3	5.1	-5.6	-47.9	16
PH-3	14.8	20.6	19.1	13.5	10.3	5.2	-5.5	-47.7	16.1
PH-4	14.8	20.6	19.2	13.5	10.4	5.2	-5.4	-47.5	16.1
Ritz-Flr1	22.1	25.7	23.8	17.9	14.5	9	-2.9	-26.4	20.5
FF-1	12.9	10.9	3.4	-6.9	-14.3	-18.1	-17.6	-31.7	-0.8
FF-2	12.8	10.8	3.2	-7	-14.5	-18.3	-17.8	-32.2	-1
FF-3	12.7	10.7	3	-7.2	-14.7	-18.5	-18.1	-32.7	-1.1
FF-4	12.5	10.5	2.8	-7.4	-14.9	-18.7	-18.4	-33.3	-1.3
PH-1	13.3	19.1	17.6	11.8	8.4	2.9	-9.6	-58.4	14.3
PH-2	13.3	19.1	17.6	11.8	8.4	2.9	-9.5	-58.3	14.3
PH-3	13.3	19.1	17.6	11.9	8.5	3	-9.5	-58.1	14.3
PH-4	13.4	19.1	17.6	11.9	8.5	3	-9.4	-58	14.3
Ritz-Flr27	33.3	34.6	29.2	20.7	15.7	10.7	6.4	-10.6	24.8
FF-1	27.3	28.2	22	11.8	4.3	0.4	0.3	-16	17.2
FF-2	27.2	28.1	21.9	11.6	4.1	0.2	0.1	-16.4	17.1
FF-3	27	28	21.8	11.5	4	0.1	-0.1	-16.8	16.9
FF-4	26.9	27.8	21.6	11.4	3.8	-0.1	-0.4	-17.3	16.8
PH-1	13.8	18.9	17.4	11.7	8.2	2.7	-10	-59.4	14.1
PH-2	13.9	19	17.4	11.7	8.3	2.7	-9.9	-59.3	14.1
PH-3	13.9	19	17.5	11.7	8.3	2.7	-9.8	-59.1	14.2
PH-4	13.9	19	17.5	11.7	8.3	2.8	-9.8	-59	14.2
Ritz-Flr54	31.2	32.4	27.4	19.3	14.7	9.3	2.5	-19.9	23.1
FF-1	24.8	25.7	19.5	9.1	1.5	-2.7	-4.2	-25.4	14.6
FF-2	24.8	25.6	19.4	9	1.4	-2.8	-4.3	-25.7	14.5
FF-3	24.7	25.6	19.3	9	1.3	-2.9	-4.4	-26	14.4
FF-4	24.6	25.5	19.2	8.9	1.2	-3	-4.6	-26.4	14.3
PH-1	14.9	18.5	17	11.2	7.7	2	-11.1	-62.5	13.7
PH-2	14.9	18.6	17	11.2	7.7	2.1	-11.1	-62.4	13.7
PH-3	14.9	18.6	17	11.2	7.8	2.1	-11	-62.2	13.7
PH-4	14.9	18.6	17.1	11.3	7.8	2.1	-10.9	-62.1	13.7
R6	23.4	28.9	27.5	22	19.1	14.4	5.9	-28.2	24.7
FF-1	-1.1	-0.3	-6.8	-17.5	-25.8	-31.2	-37.9	-79	-11.8
FF-2	-1.1	-0.3	-6.8	-17.5	-25.8	-31.2	-37.9	-79	-11.8
FF-3	-1.1	-0.3	-6.8	-17.5	-25.8	-31.2	-37.9	-78.9	-11.8
FF-4	-1.1	-0.3	-6.8	-17.5	-25.8	-31.2	-37.9	-78.9	-11.8
PH-1	17.4	22.9	21.6	16.1	13.2	8.6	0.2	-33.6	18.8

PH-2	17.3	22.9	21.5	16.1	13.1	8.5	0	-33.9	18.8
PH-3	17.3	22.8	21.4	16	13	8.4	-0.2	-34.4	18.6
PH-4	17.2	22.7	21.4	15.9	12.9	8.3	-0.4	-34.9	18.6
R7	20.9	26.5	25	19.4	16.2	11	0.2	-41.8	21.9
FF-1	2.8	3.7	-2.6	-13.1	-20.9	-25.4	-28.2	-54.7	-7.6
FF-2	2.8	3.7	-2.7	-13.1	-20.9	-25.4	-28.3	-54.9	-7.6
FF-3	2.7	3.6	-2.7	-13.2	-21	-25.5	-28.4	-55.1	-7.7
FF-4	2.7	3.6	-2.8	-13.2	-21.1	-25.6	-28.5	-55.4	-7.7
PH-1	14.6	20.5	19	13.4	10.2	5	-5.8	-48.5	15.9
PH-2	14.6	20.4	19	13.4	10.1	5	-5.8	-48.6	15.9
PH-3	14.6	20.4	19	13.3	10.1	5	-5.9	-48.8	15.9
PH-4	14.6	20.4	19	13.3	10.1	4.9	-6	-48.9	15.9
R6c	19.3	24.9	23.4	17.6	14.2	8.6	-4.1	-53.8	20.1
FF-1	-1.2	-0.5	-7	-17.7	-26	-31.4	-38.3	-79.9	-12
FF-2	-1.3	-0.5	-7	-17.7	-26	-31.4	-38.3	-80.1	-12
FF-3	-1.3	-0.5	-7	-17.7	-26	-31.5	-38.4	-80.2	-12
FF-4	-1.3	-0.5	-7	-17.7	-26.1	-31.5	-38.4	-80.4	-12
PH-1	13.2	18.9	17.4	11.6	8.2	2.7	-10	-59.5	14.1
PH-2	13.1	18.9	17.4	11.6	8.2	2.6	-10.1	-59.7	14.1
PH-3	13.1	18.9	17.3	11.6	8.1	2.5	-10.2	-60.1	14
PH-4	13.1	18.8	17.3	11.5	8.1	2.5	-10.3	-60.3	14

Appendix E

Project Alternatives Analysis

Appendix E

Project Alternatives Noise Impact Analysis

This section presents the results of the noise impact analysis of Project Alternatives for the Proposed Project. The project alternatives noise impact analysis is based on information provided in the Project Draft EIR, Project Description section.

Alternative 1 – No Project Alternative

The No Project Alternative assumes the site continues in current condition, ongoing maintenance occurs (e.g., paint and carpet), but **no** rehabilitation or renovation of the West Hall.

Noise Impacts

As no new development would occur under the No Project Alternative, there would not be any construction activities that would generate additional noise and vibration in the vicinity of the Project Site. As such, noise impacts from on-site construction activities and off-site construction truck traffic would be avoided under Alternative 1. In addition, the potential significant vibration impacts from construction activities would also be avoided under Alternative 1.

The No Project Alternative would not result in an increase in off-site auto traffic (except for general ambient growth and other related projects), public transit usage or media helicopters, and would not introduce new on-site noise sources, as the operation of existing facilities would continue as they do currently. As such, Alternative 1 would avoid the long-term operation noise impacts from on-site noise sources (i.e., crowd cheering noise, stadium sound system, firework display shows, media helicopters, and outdoor plazas). In addition, the significant noise impacts associated with off-site noise sources (auto traffic, public transit, and media helicopters) would also be avoided under Alternative 1.

In summary, noise and vibration impacts for both short-term construction and long-term operation, under the No Project Alternative, would be less than significant. As compared to the Proposed Project, noise and vibration impacts are concluded to be less under the No Project Alternative.

Alternative 2 – No Project – Buildout Per Existing Approvals Alternative

The No Project – Buildout Per Existing Approvals Alternative is the circumstance under which the Project does not proceed. Under this Alternative, the existing LACC would be built-out based on the 1987 LACC CUP Approval and LASED Specific Plan, which would include the New West Hall Annex (to be built on north side of the existing LACC West Hall) and a new parking facility (similar to the Proposed Project L.A. LIVE Way Parking Garage with 1,157 parking spaces) to accommodate the new floor area.

Noise Impacts

Construction for the No Project – Buildout Per Existing Approvals Alternative would require approximately 18-24 months (similar construction duration as the Proposed Project New Hall component). The new parking facility under Alternative 2 would be located at the same location as the Proposed Project L.A. LIVE Way Parking Garage and would utilize similar construction procedures (i.e., including similar construction equipment and schedule). Therefore, noise impacts (from both on-site construction activities and off-site construction truck traffic) associated with the new parking facility under Alternative 2 would be similar to the Proposed Project L.A. LIVE Way Parking Structure, which would be less than significant. Construction of the New West Hall Annex would require less excavation than the Proposed Project Event Center, which would require less number of heavy construction equipment as well as number of hauling trucks. Therefore, construction noise impacts associated with the New West Hall Annex are estimated to be less than significant. In addition, Alternative 2 would avoid the significant noise impacts that would occur during the nighttime hours; as nighttime construction activities are not anticipated for Alternative 2. Furthermore, the construction vibration impacts to nearby building structures (i.e., potential building damage) associated with Alternative 2 would be less than significant, as similar types of construction equipment as under the Proposed Project would be used. However, significant vibration impacts (i.e., annoyance on sensitive use) at the Nokia Theatre at L.A. LIVE would be expected if a vibratory roller equipment is used within 150 feet of the Nokia Theatre at L.A. LIVE.

Alternative 2 would avoid the significant noise impacts associated with the on-site noise sources including; crowd cheering and the use of sound system (at the Event Center), firework display shows, and the outdoor plazas. Noise associated with other on-site noise source, such as, building mechanical/ electrical equipment, parking garage, and loading dock would be designed per the 1987 LACC CUP Approval, the LASED Specific Plan, thus meeting the noise mitigation requirements of the LAMC, which would result in less than significant. The off-site daily traffic volumes would be significantly less under Alternative 2. Therefore, it is anticipated that the off-site traffic noise impacts would be less than significant. In addition, the forecasted increase in public transit (bus and rail) usage under Alternative 2 would be significantly less than Proposed Project. As such, noise impacts associated with the public transit usage is anticipated to be less than significant under Alternative 2.

In summary, noise impacts for both short-term construction and long-term operation, under the No Project – Buildout Per Existing Approvals Alternative, would be less than significant. The short-term construction vibration impacts at the Nokia Theatre at L.A. LIVE would be significant, but would be mitigated (using similar mitigation measure as the Proposed Project) to less than significant level. As compared to the Proposed Project, noise and vibration impacts concluded to be less under the No Project – Buildout Per Existing Approvals Alternative.

Alternative 3 – Reduced Density Alternative

Under the Reduced Density Alternative, the Project Site would be developed with the same components (i.e., New Hall, Event Center and Parking Garage), but the total floor areas/seats/parking spaces would be reduced overall. The New Hall under the Reduced Density Alternative would have the same square footage as the existing West Hall, the Event Center would have 58,000 seats maximum (a reduction of 14,000 seats as the Project), and 3,288 new parking spaces (15% reduction in new parking). The construction activities for Alternative 3 would be similar to the Project, but approximately 2-3 months shorter in duration.

Noise Impacts

Construction activities under the Reduced Density Alternative would slightly be reduced as compared to the Proposed Project due to the reduction in overall square footage of development. However, Alternative 3 would involve similar construction activities (i.e., similar type of construction equipment) as the Proposed Project. Therefore, construction activities under Alternative 3 would generate noise levels similar to the Proposed Project, which would exceed the stated significance threshold by up to 1 dBA (at off-site receptor R1), during the daytime hours and up to 3 dBA (at receptors R1, R5, R6 and R26), during the nighttime hours. Like the Proposed Project, mitigation measures would be implemented to reduce the impacts to less than significant level. In addition, the off-site construction traffic volume would be comparable to the levels forecasted under the Proposed Project. As such, noise impacts associated with the off-site construction truck traffic would be similar to the Proposed Project and would be less than significant impact. Construction activities under the Reduced Density Alternative would generate ground vibration levels up to 0.0263 inch per sec Peak Particle Velocity (PPV) at the nearest off-site building structure. The construction generated ground vibration level would be below the 0.5 inch per second (PPV) significance thresholds for commercial structures resulting in less than significant impacts. However, the construction activities would generate vibration levels up to 76 VdB at the Nokia Theatre at L.A. LIVE (with a vibratory roller operating within 100 feet), which would exceed the 72 VdB significance thresholds (with respect to annoyance). Like the Proposed Project, Alternative 3 would implement the recommended mitigation measures (as prescribed under the Proposed Project) to mitigate the vibration impacts at the Nokia Theatre at L.A. LIVE to less than significant.

The Reduced Density Alternative would include similar on-site noise sources (i.e., building mechanical equipment, parking garages, loading docks, crowd cheering and use of sound system at the Event Center, and firework display shows). Therefore, noise levels generated by the on-site sources would be similar to the Proposed Project and would result in significant impacts. The reduction in overall development under the Reduced Density Alternative would result in a reduction of Project generated off-site traffic and public transit (bus and rail) usage. Although, noise levels generated by off-site traffic and public transit usage under the Reduced Density Alternative would be reduced, noise impacts would remain significant, as the anticipated reduction in the off-site traffic volume and the number of buses/rail cars would not be sufficient to reduce the impacts to a less than

significant level. Furthermore, noise associated with media helicopter over flight would also result in significant impacts at the nearby noise sensitive receptors.

Although, the construction duration for Alternative 3 would be 2-3 months shorter than the Proposed Project, noise and vibration impacts due to construction activities under this Alternative would be similar to the Proposed Project, less than significant level with implementation of the recommended mitigation measures. The long-term operation under Alternative 3 would result in significant noise impacts as in the Proposed Project. However, the long-term operation noise impacts under Alternative 3, as compared to the Proposed Project, would be less due to the reduction in the overall developments.

Alternative 4 – Enclosed Stadium Alternative

All development parameters under the Enclosed Stadium Alternative would be the same as the Proposed Project, with the exception that the Event Center would be fully enclosed with a non-operable roof.

Noise Impacts

Construction activities under the Enclosed Stadium Alternative would be the same as the Proposed Project. Therefore, construction activities under Alternative 4 would generate noise levels similar to the Proposed Project, which would exceed the stated significance threshold by up to 1 dBA (at off-site receptor R1), during the daytime hours and up to 3 dBA (at receptors R1, R5, R6 and R26), during the nighttime hours. Like the Proposed Project, mitigation measures would be implemented to reduce the impacts to less than significant level. In addition, the off-site construction traffic volumes would be the same as the volumes forecasted under the Proposed Project. As such, noise impacts associated with the off-site construction truck traffic would be the same as the Proposed Project and would be less than significant impact. Similar to the Proposed Project, construction activities under the Enclosed Stadium Alternative would generate ground vibration levels up to 0.0263 inch per sec Peak Particle Velocity (PPV) at the nearest off-site building structure. The construction generated ground vibration level would be below the 0.5 inch per second (PPV) significance thresholds for commercial structures resulting in less than significant impacts. Similar to the Proposed Project, the construction activities would generate vibration levels up to 76 VdB at the Nokia Theatre at L.A. LIVE, which would exceed the 72 VdB significance thresholds (with respect to annoyance). Like the Proposed Project, Alternative 4 would implement the mitigation measures (as prescribed under the Proposed Project) to mitigate the vibration impacts to the Nokia Theatre at L.A. LIVE operation to a less than significant level.

The Enclosed Stadium Alternative would include the same on-site noise sources (i.e., building mechanical equipment, parking garages, loading docks, crowd cheering and sound system at the Event Center, and firework display shows), as in the Proposed Project. Therefore, noise impacts associated with on-site building mechanical, loading dock/refuse collection, and bus operation at Pico

Passage would be less than significant. The Event Center under Alternative 4 would be fully-enclosed with a non-operable roof. The non-operable roof would be constructed of light weight ETFE (ethyl tetra fluoro ethylene) and/or PTFE (polytetrafluoroethylene) materials, which would not sufficiently reduce the transmission of crowd cheering and sound system noise levels to a less than significant level at the adjacent off-site noise sensitive receptors. As such, noise impacts associated with the Event Center operation would be significant. Noise impacts associated with the Parking Garages (up to 1 dBA over the significance threshold), the outdoor plazas (up to 2.6 dBA over the significance threshold), and firework display shows (up to 103.4 dBA at nearby sensitive receptors) would be similar to the Proposed Project, and would result in significant noise impact. Alternative 4 would also generate the same off-site traffic volumes, public transit usage (increase in bus and rail operations), and media helicopters. As such, noise impacts associated with off-site traffic (maximum increase of 8 dBA), public transit usage (maximum increase of 6 dBA), and media helicopters (up to 70 dBA at nearby sensitive uses) under the Enclosed Stadium Alternative would be significant, as under the Proposed Project.

In summary, noise and vibration impacts due to construction activities under Alternative 4 would be similar to the Proposed Project, less than significant level with the mitigation measures. The long-term operation under Alternative 4 would result in significant noise impacts as in the Proposed Project. Therefore, it is concluded that the noise and vibration impacts under the Enclosed Stadium Alternative would be the same as under the Proposed Project.

Alternative 5 – New Hotel and Expansion Alternative

Under the New Hotel and Expansion Alternative, the Event Center would not be built. A 25-story/1,000-room hotel would be built on the West Hall site. Alternative 5 would also include the New Hall and the L.A. LIVE Way Parking Garage as in the Proposed Project. Construction for Alternative 5 would be approximately 42 months of phased construction with construction New Hall, followed by demolition of West Hall, and construction of additional square footage.

Noise Impacts

Construction activities under the New Hotel and Expansion Alternative would be similar (i.e., types of construction equipment) to the Proposed Project. Therefore, on-site construction-related activities under Alternative 5 would generate noise levels similar to that of the Proposed Project. As such, it is estimated that the on-site construction-related noise under Alternative 5 would exceed the stated significance threshold by 1 dBA (at off-site receptor R1), during the daytime hours, which would result in significant impacts. Like the Proposed Project, mitigation measures (as prescribed under the Proposed Project) would be implemented to reduce the on-site construction noise impacts related to less than significant. Alternative 5, however, would avoid the significant noise impacts that would occur during the nighttime hours; as nighttime construction activities are not anticipated under this Alternative. It is anticipated that the off-site construction traffic volumes under Alternative 5 would be similar to the Proposed Project. As such, noise impacts associated with the off-site construction

truck traffic would be less than significant. Similar to the Proposed Project, construction activities under the New Hotel and Expansion Alternative would generate ground vibration levels up to 0.0263 inch per sec Peak Particle Velocity (PPV) at the nearest off-site building structure. The construction generated ground vibration level would be below the 0.5 inch per second (PPV) significance thresholds for commercial structures resulting in less than significant impacts. Similar to the Proposed Project, the construction activities would generate vibration levels up to 76 VdB at the Nokia Theatre at L.A. LIVE, which would exceed the 72 VdB significance thresholds (with respect to annoyance). Like the Proposed Project, Alternative 5 would implement the mitigation measures (as prescribed under the Proposed Project) to mitigate the vibration impacts at the Nokia Theatre at L.A. LIVE to less than significant level.

The New Hotel and Expansion Alternative would not include firework display shows as in the Proposed Project. As such, significant noise impacts from the firework display shows would be avoided under this Alternative. In addition, Alternative 5 would avoid the significant impacts associated with the proposed Event Center (crowd and sound system). Alternative 5 would include similar on-site noise sources (i.e., building mechanical equipment, parking garages, and loading docks) as in the Proposed Project. These on-site noise sources would result in less than significant impacts with implementation of the project design features and proposed mitigation measures (as prescribed in the Proposed Project). The off-site auto traffic volumes generated under Alternative 5 would not be concentrated in the two Pre-Event and Post-Event hours as in the Proposed Project, but would be distributed throughout the day. In addition, the traffic volume generated by Alternative 5 would not double the existing traffic volumes in the vicinity of the Project Site. Therefore, noise impacts associated with the off-site traffic under Alternative 5 would be less than significant. In addition, Alternative 5 would not require the level of increase in public transit (bus and rail operations) usage as in the Proposed Project. Therefore, noise impacts associated with the public transit would be less than significant. Finally, Alternative 5 would not generate the number of media helicopters as in the Proposed Project. As such, noise impacts associated with media helicopters would be less than significant under Alternative 5.

In summary, noise and vibration impacts due to construction activities under Alternative 5 would be similar to the Proposed Project, less than significant level with the mitigation measures. The long-term operation under Alternative 5 would also result in less than significant impacts, with implementation of project design features and mitigation measures. Therefore, it is concluded that the noise and vibration impacts under the New Hotel and Expansion Alternative would be less than the Proposed Project.

Alternative 6 – Maximum Expansion Alternative

Under the Maximum Expansion Alternative, the Event Center would not be built. Expansion of the Convention Center would include; New Hall, Event Deck Hall and on Bridge over Chick Hearn Court and Replacement Building on West Hall Site. The total increase in floor area under Alternative 6 would be approximately 93% of increase over existing floor area. In addition, 4,966 parking spaces

would be required under Alternative 6, which would be provided by additional below grade parking beneath West Hall on-grade parking and new Bond Street and L.A. LIVE Way Garages as proposed. Construction for Alternative 6 would be approximately 42 months of phased construction with construction New Hall, followed by demolition of West Hall, and construction of replacement building at West Hall site.

Noise Impacts

Construction activities under the Maximum Expansion Alternative would be similar (i.e., types of construction equipment) to the Proposed Project. Therefore, on-site construction-related activities under Alternative 6 would generate noise levels similar to that of the Proposed Project. As such, it is estimated that the on-site construction-related noise under Alternative 6 would exceed the stated significance threshold by 1 dBA (at off-site receptor R1), during the daytime hours, which would result in significant impacts. Like the Proposed Project, mitigation measures (as prescribed under the Proposed Project) would be implemented to reduce the on-site construction noise impacts related to less than significant. Alternative 6, however, would avoid the significant noise impacts that would occur during the nighttime hours; as nighttime construction activities are not anticipated under this Alternative. It is anticipated that the off-site construction traffic volumes under Alternative 6 would be similar to the Proposed Project. As such, noise impacts associated with the construction truck traffic would be less than significant, similar to the Proposed Project. Similar to the Proposed Project, construction activities under the Maximum Expansion Alternative would generate ground vibration levels up to 0.0263 inch per sec Peak Particle Velocity (PPV) at the nearest off-site building structure. The construction generated ground vibration level would be below the 0.5 inch per second (PPV) significance thresholds for commercial structures resulting in less than significant impacts. Similar to the Proposed Project, the construction activities would generate vibration levels up to 76 VdB at the Nokia Theatre at L.A. LIVE, which would exceed the 72 VdB significance thresholds (with respect to annoyance). Like the Proposed Project, Alternative 6 would implement the mitigation measures (as prescribed under the Proposed Project) to mitigate the vibration impacts at the Nokia Theatre at L.A. LIVE to less than significant level.

The Maximum Expansion Alternative would not include firework display shows as in the Proposed Project. As such, significant noise impacts from the firework display shows would be avoided under this Alternative. In addition, Alternative 6 would avoid the significant impacts associated with the proposed Event Center (crowd and sound system). Alternative 6 would include similar on-site noise sources (i.e., building mechanical equipment, parking garages, and loading docks) as in the Proposed Project. These on-site noise sources would result in less than significant impacts with implementation of the project design features and mitigation measures (as prescribed in the Proposed Project). The off-site auto traffic volumes generated under Alternative 6 would not be concentrated in the two Pre-Event and Post-Event hours as in the Proposed Project, but would be distributed throughout the day. In addition, the traffic volume generated by Alternative 6 would not double the existing traffic volumes in the vicinity of the Project Site. Therefore, noise impacts associated with the off-site

traffic under Alternative 6 would be less than significant. In addition, Alternative 6 would not require the level of increase in public transit (bus and rail operations) usage as in the Proposed Project. Therefore, noise impacts associated with the public transit would be less than significant. Finally, Alternative 6 would not generate the number of media helicopters as in the Proposed Project. As such, noise impacts associated with media helicopters would be less than significant under Alternative 6.

In summary, noise and vibration impacts due to construction activities under Alternative 6 would be similar to the Proposed Project, less than significant level with the mitigation measures. The long-term operation under Alternative 6 would also result in less than significant impacts, with implementation of project design features and mitigation measures. Therefore, it is concluded that the noise and vibration impacts under the Maximum Expansion Alternative would be less than the Proposed Project.

Alternative 7 – Rehabilitation of West Hall and Limited Expansion Alternative

The Rehabilitation of West Hall and Limited Expansion Alternative include approximately 216,000 square feet of development (two levels on LASED West Garage Event Deck) and 773 parking spaces (L.A. LIVE Way Garage with four levels above grade). The Event Center would not be built under Alternative 7.

Noise Impacts

Construction activities under the Rehabilitation of West Hall and Limited Expansion Alternative would be significantly reduced as compared to the Proposed Project. The noise impacts associated with the new parking facility under Alternative 7 would be similar to the Proposed Project L.A. LIVE Way Parking Structure, which would be less than significant (for both on-site construction activities and off-site construction truck traffic). Construction noise impacts associated with the proposed expansion are also estimated to be less than significant, as the construction of the proposed expansion would require less excavation than the Proposed Project. In addition, Alternative 7 would avoid the significant noise impacts that would occur during the nighttime hours; as nighttime construction activities are not anticipated for Alternative 7. Construction vibration impacts to nearby building structures (potential building damage) and nearby sensitive uses would be less than significant, as similar types of construction equipment and process as under the Proposed Project would be used. Furthermore, the significant vibration impacts (annoyance on sensitive use) at the Nokia Theatre at L.A. LIVE would be avoided as vibratory roller would not be used within 150 feet of the Nokia Theatre at L.A. LIVE.

Alternative 7 would avoid the significant noise impacts associated with the on-site noise sources including; crowd cheering and sound system (at the Event Center), firework display shows, and the outdoor plazas. Noise associated with other on-site noise source, such as, building equipment, parking garage, and loading dock would be designed to meet the LAMC, which would result in less

than significant. The off-site daily traffic volumes would be significantly less under Alternative 7. Therefore, it is anticipated that the off-site traffic noise impacts would be less than significant. In addition, the forecasted increase in public transit (bus and rail) usage under Alternative 7 would be significantly less than Proposed Project. As such, noise impacts associated with the public transit usage is anticipated to be less than significant under Alternative 7.

In summary, noise and vibration impacts for both short-term construction and long-term operation, under the Rehabilitation of West Hall and Limited Expansion Alternative, would be less than significant. In conclusion, noise and vibration impacts under the Rehabilitation of West Hall and Limited Expansion Alternative would be less as compared to the Proposed Project.