

# Appendix **D** Noise Model Results

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Background Leq and Hour Averaging DNL							
Hour	Background Leq	LEQ DNL is Leq +10	LEQ DNL	10^(D/10)	DNL/hour	10*LOG10(E)	
0	39.00	10	49 DNL	79432.82347	93325430.1	42.70394	
1	41.35	10	51.35 DNL	136458.3137	2290867.65	39.67512	
2	38.83	10	48.825 DNL	76295.68912	30199517.2	38.14863	
3	37.80	10	47.8 DNL	60255.95861	30199517.2	39.43411	
4	36.20	10	46.2 DNL	41686.93835	91201083.9	37.39647	
5	37.50	10	47.5 DNL	56234.13252	60255958.6	36.51166	
6	41.78	10	51.775 DNL	150487.3519	954992.59	40.94037	
7	48.55		48.55	71614.34102	1479108.39	47.91131	
8	47.03		47.025	50408.06191	2290867.65	46.88667	
9	48.00		48	63095.73445	537031.8	47.4477	
10	51.10		51.1	128824.9552	309029.54	50.79942	
11	44.30		44.3	26915.34804	4365158.32	48.49752	
12	50.03		50.025	100577.3063	933254.3	51.14036	
13	51.60		51.6	144543.9771	1047128.55	63.18304	
14	48.30		48.3	67608.29754	2398832.92	46.60413	
15	49.95		49.95	98855.30947	11481536.2	47.86833	
16	45.03		45.025	31805.33688	5495408.74	47.47418	
17	44.45		44.45	27861.21169	5370317.96	47.57746	
18	47.30		47.3	53703.17964	6309573.44	46.84861	
19	45.80	5	50.8 CNEL	120226.4435	7413102.41	48.19606	
20	45.45	5	50.45 CNEL	110917.4815	6918309.71	44.99795	
21	42.13	5	47.125 CNEL	51582.21651	11481536.2	44.16822	
22	39.50	10	49.5 DNL	89125.09381	29512092.3	43.33659	
23	40.98	10	50.975 DNL	125169.9273	87096359	44.9421	
(Hour 23 is 23:00 to 23:59)				Average=	81820.22622		
				10LOG10 of (Average=	49.12860676	DNL hr Avgn	

Hour	Background Leq	Averaging	DNL	LEQ DNL is	LEQ DNL	DNL/hour
	Leq	Leq +10			$10^{(D/10)}$	$10 \cdot \text{LOG}_{10}(E)$
0	41.63	10	51.625 DNL		145378.4386	93325430.1
1	41.23	10	51.225 DNL		132586.7118	2290867.65
2	40.73	10	50.725 DNL		118168.0313	30199517.2
3	38.00	10	48 DNL		63095.73445	30199517.2
4	40.95	10	50.95 DNL		124451.4612	91201083.9
5	44.63	10	54.625 DNL		290068.1199	60255958.6
6	48.65	10	58.65 DNL		732824.5331	954992.59
7	48.08		48.075		64194.82215	1479108.39
8	52.30		52.3		169824.3652	2290867.65
9	50.70		50.7		117489.7555	537031.8
10	52.45		52.45		175792.3614	309029.54
11	50.48		50.475		111557.8151	4365158.32
12	53.10		53.1		204173.7945	933254.3
13	59.20		59.2		831763.7711	1047128.55
14	50.90		50.9		123026.8771	2398832.92
15	49.88		49.875		97162.79516	11481536.2
16	51.60		51.6		144543.9771	5495408.74
17	53.28		53.275		212569.0345	5370317.96
18	53.38		53.375		217520.4034	6309573.44
19	52.25	5	57.25 CNEL		530884.4442	7413102.41
20	47.83	5	52.825 CNEL		191646.1063	6918309.71
21	46.88	5	51.875 CNEL		153992.6526	11481536.2
22	44.50	10	54.5 DNL		281838.2931	29512092.3
23	42.73	10	52.725 DNL		187283.7083	87096359
(Hour 23 is 23:00 to 23:59)				Average=	225909.917	
				10LOG10 of (Average=)	53.53935296	DNL hr Avgn

Existing

Roadway Segments	ADT	Vehicle Distribution			Autos			Medium Trucks												Heavy Trucks												Total Noise Levels																	
		Autos	Medium	Heavy	Volumes			Speeds		Noise Levels			Volumes			Speeds		Noise Level			Volumes			Speeds		Noise level																							
		SPV	1%	1%	Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy	Traffic flow adjustment	Total Leq Day	Reference Energy Mean	Traffic flow adjustment	Total Leq Evening	Reference Energy Mean	Traffic flow adjustment	Total Leq Night	Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy	Traffic flow adjustment	Total Leq Day	Reference Energy	Traffic flow adjustment	Total Leq Evening	Reference Energy	Traffic flow adjustment	Total Leq Night	Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy	Traffic flow adjustment	Total Leq Day	Reference Energy	Traffic flow adjustment	Total Leq Evening	Reference Energy	Traffic flow adjustment	Total Leq Night	Total Day	Total Evening	Total Night
Total	24,800	24,304	248	248	1418	1215	405	40	64	67.4	0.16	57.5	67.4	-0.51	66.8	67.4	-5.3	62.1	14.47	12.40	4.15	40	64	76.31	-19.73	56.58	76.31	-20.40	55.92	76.31	-25.17	53.13	14.5	12.4	4.1	40	64	81.2	-19.8	63.4	81.2	-20.4	60.7	81.2	-25.2	56.6	68.7	68.1	63.3
La Brea Avenue	5,700	5,586	57	57	326	279	93	40	64	67.4	-6.23	61.1	67.4	-6.90	60.5	67.4	-11.7	55.7	3.33	2.85	0.95	40	64	76.31	-26.11	50.20	76.31	-26.78	49.53	76.31	-31.55	44.76	3.3	2.9	1.0	40	64	82.7	-26.1	56.5	82.7	-26.8	55.8	82.7	-31.6	51.1	62.7	62.0	57.2
Hillcrest Blvd	21,000	20,580	210	210	1201	1029	343	40	64	67.4	-0.57	66.8	67.4	-1.24	66.1	67.4	-6.0	61.4	12.25	10.50	3.50	40	64	76.31	-20.45	55.86	76.31	-21.12	55.19	76.31	-25.89	50.42	12.3	10.5	3.5	40	64	82.7	-20.5	62.2	82.7	-21.1	61.5	82.7	-25.9	56.7	68.3	67.7	62.0
Prairie Avenue	18,700	18,326	187	187	1069	916	305	40	64	67.4	-1.07	66.3	67.4	-1.74	65.6	67.4	-6.5	60.8	10.91	9.35	3.12	40	64	76.31	-20.95	55.36	76.31	-21.62	54.69	76.31	-26.39	49.92	10.9	9.4	3.1	40	64	82.7	-21.0	61.7	82.7	-21.7	61.0	82.7	-26.4	56.2	67.8	67.2	62.4
Florence Avenue From La Brea Avenue To Market Street	37,500	36,750	375	375	2144	1838	613	40	64	67.4	1.95	69.3	67.4	1.28	68.6	67.4	-3.5	63.9	21.88	18.75	6.25	40	64	76.31	-17.93	58.38	76.31	-18.60	57.71	76.31	-23.37	52.94	21.9	18.8	6.3	40	64	82.7	-18.0	64.7	82.7	-18.6	64.0	82.7	-23.4	59.3	70.9	70.2	65.4
Regent Street	4,500	4,410	45	45	257	221	74	40	64	67.4	-7.26	60.1	67.4	-7.93	59.4	67.4	-12.7	54.7	2.63	2.25	0.75	40	64	76.31	-27.14	49.17	76.31	-27.81	48.50	76.31	-32.58	43.73	2.6	2.3	0.8	40	64	82.7	-27.2	55.5	82.7	-27.8	54.8	82.7	-32.6	50.1	61.6	61.0	56.2
Manchester Blvd	27,900	27,342	279	279	1595	1367	456	40	64	67.4	0.67	68.0	67.4	0.00	67.4	67.4	-4.8	62.6	16.28	13.95	4.65	40	64	76.31	-19.22	57.10	76.31	-19.89	56.43	76.31	-24.66	51.66	16.3	14.0	4.7	40	64	82.7	-19.2	63.4	82.7	-19.9	62.7	82.7	-24.7	58.0	69.6	68.9	64.1

Project

Roadway Segments	ADT	Vehicle Distribution			Autos			Medium Trucks												Heavy Trucks												Total Noise Levels																	
		Autos			Volumes			Speeds			Noise Level			Volumes			Speeds			Noise Level			Volumes			Speeds			Noise Level			Total Noise Levels																	
		Autos	Medium	Heavy	Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy Mean	Traffic flow adjustment	Total Leq Day	Reference Energy Mean	Traffic flow adjustment	Total Leq Evening	Reference Energy Mean	Traffic flow adjustment	Total Leq Night	Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy Evening	Traffic flow adjustment	Total Leq Day	Reference Energy Evening	Traffic flow adjustment	Total Leq Evening	Reference Energy Evening	Traffic flow adjustment	Total Leq Night	Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy Evening	Traffic flow adjustment	Total Leq Day	Reference Energy Evening	Traffic flow adjustment	Total Leq Evening	Reference Energy Evening	Traffic flow adjustment	Total Leq Night	Total Day	Total evening	Total Night
La Brea Avenue	10,141	9,938	101	101	580	497	166	40	64	67.4	-3.73	63.6	67.4	-4.40	63.0	67.4	-9.2	58.2	5.92	5.07	1.69	40	64	76.31	-23.61	52.70	76.31	-24.28	52.03	76.31	-29.05	47.26	5.9	5.1	1.7	40.0	64.4	81.2	-23.6	57.5	81.2	-24.3	56.9	81.2	-29.1	52.1	64.9	64.2	59.4
Hillcrest Blvd	5,258	5,153	53	53	301	258	86	40	64	67.4	-6.58	60.8	67.4	-7.25	60.1	67.4	-12.0	55.3	3.07	2.63	0.88	40	64	76.31	-26.46	49.85	76.31	-27.13	49.18	76.31	-31.91	44.41	3.1	2.6	0.9	40.0	64.4	82.7	-26.5	56.2	82.7	-27.2	55.5	82.7	-31.9	50.7	62.3	61.7	56.9
Prairie Avenue	8,097	7,935	81	81	463	397	132	40	64	67.4	-4.70	62.7	67.4	-5.37	62.0	67.4	-10.1	57.2	4.72	4.05	1.35	40	64	76.31	-24.59	51.72	76.31	-25.26	51.05	76.31	-30.03	46.28	4.7	4.0	1.3	40.0	64.4	82.7	-24.6	58.0	82.7	-25.3	57.4	82.7	-30.1	52.6	64.2	63.5	58.8
Florence Avenue From La B	3,648	3,575	36	36	209	179	60	40	64	67.4	-8.17	59.2	67.4	-8.84	58.5	67.4	-13.6	53.8	2.13	1.82	0.61	40	64	76.31	-28.05	48.26	76.31	-28.72	47.59	76.31	-33.49	42.82	2.1	1.8	0.6	40.0	64.4	82.7	-28.1	54.6	82.7	-28.7	53.9	82.7	-33.5	49.1	60.1	60.1	55.3
Florence Avenue From Prail	5,087	4,985	51	51	291	249	83	40	64	67.4	-6.72	60.6	67.4	-7.39	60.0	67.4	-12.2	55.2	2.97	2.54	0.85	40	64	76.31	-26.61	49.70	76.31	-27.28	49.04	76.31	-32.05	44.26	3.0	2.5	0.8	40.0	64.4	82.7	-26.6	56.0	82.7	-27.3	55.4	82.7	-32.1	50.8	62.2	61.5	56.7
Regent Street	6,623	6,491	66	66	379	325	108	40	64	67.4	-5.58	61.8	67.4	-6.25	61.1	67.4	-11.0	56.3	3.86	3.31	1.10	40	64	76.31	-25.46	50.85	76.31	-26.13	50.18	76.31	-30.90	45.41	3.9	3.3	1.1	40.0	64.4	82.7	-25.5	57.2	82.7	-26.2	56.5	82.7	-30.9	51.2	63.3	62.7	57.9
Manchester Blvd	2,712	2,658	27	27	155	133	44	40	64	67.4	-9.45	57.9	67.4	-10.12	57.2	67.4	-14.9	52.5	1.58	1.36	0.45	40	64	76.31	-29.34	46.97	76.31	-30.01	46.30	76.31	-34.78	41.51	1.6	1.4	0.5	40.0	64.4	82.7	-29.4	53.3	82.7	-30.0	52.6	82.7	-34.8	47.9	59.4	58.8	54.3





Roadway Segments	ADT	Vehicle Distribution			Autos Volumes			Medium Trucks												Heavy Trucks												Total Noise Levels																	
		Autos			Day	Evening	Night	Speeds			Noise Level			Volumes			Speeds			Noise Level			Volumes			Speeds			Noise Level			Total Day	Total evening	Total Night															
		Light	Medium	Heavy				Speed (mph)	Speed (kph)	Reference Energy Mean	Traffic flow adjustment	Total Leq Day	Reference Energy Mean	Traffic flow adjustment	Total Leq Evening	Reference Energy Mean	Traffic flow adjustment	Total Leq Night	Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy Evening	Traffic flow adjustment	Total Leq Day	Reference Energy Evening	Traffic flow adjustment	Total Leq Evening	Reference Energy Evening	Traffic flow adjustment				Total Leq Night														
La Brea Avenue	7,286	7,140	73	73	417	357	119	40	64	67.4	-5.16	62.7	67.4	-5.83	61.9	67.4	-10.6	56.9	4.25	3.64	1.21	40	64	76.31	-25.05	51.27	76.31	-25.72	50.60	76.31	-30.49	45.82	4.3	3.6	1.2	40	64.4	81.2	-25.1	56.1	81.2	-25.7	55.4	81.2	-30.5	50.6	63.4	62.8	56.0
Hillcrest Blvd	2,771	2,715	28	28	158	136	45	40	64	67.4	-9.36	58.0	67.4	-10.03	57.9	67.4	-14.8	52.5	1.62	1.39	0.46	40	64	76.31	-29.25	47.07	76.31	-29.91	46.40	76.31	-34.69	41.63	1.6	1.4	0.5	40	64.4	82.7	-29.3	53.4	82.7	-29.9	52.7	82.7	-34.7	47.9	59.5	54.1	
Prairie Avenue	2,944	2,885	29	29	168	144	48	40	64	67.4	-9.10	58.3	67.4	-9.77	57.6	67.4	-14.5	52.8	1.72	1.47	0.49	40	64	76.31	-28.98	47.31	76.31	-29.65	46.66	76.31	-34.42	41.89	1.7	1.5	0.5	40	64.4	82.7	-29.0	53.6	82.7	-29.7	53.0	82.7	-34.5	48.2	59.8	54.4	
Florence Avenue From La Brea Avenue To Market Street	3,487	3,417	35	35	199	171	57	40	64	67.4	-8.36	59.0	67.4	-9.03	58.3	67.4	-13.8	53.8	2.03	1.74	0.58	40	64	76.31	-28.25	48.06	76.31	-28.92	47.40	76.31	-33.69	42.62	2.0	1.7	0.6	40	64.4	82.7	-28.3	54.4	82.7	-28.9	53.7	82.7	-33.7	48.9	60.5	55.9	
Florence Avenue From Prairie Avenue To WeStreet Blvd	1,651	1,618	17	17	94	81	27	40	64	67.4	-11.61	55.7	67.4	-12.28	55.1	67.4	-17.1	50.3	0.96	0.83	0.28	40	64	76.31	-31.50	44.82	76.31	-32.16	44.15	76.31	-36.94	38.36	1.0	0.8	0.3	40	64.4	82.7	-31.5	51.1	82.7	-32.2	50.5	82.7	-37.0	45.7	57.3	51.9	
Regent Street	1,733	1,699	17	17	99	85	28	40	64	67.4	-11.40	56.0	67.4	-12.07	55.3	67.4	-16.8	50.5	1.01	0.87	0.29	40	64	76.31	-31.28	45.03	76.31	-31.95	44.36	76.31	-36.72	38.59	1.0	0.9	0.3	40	64.4	82.7	-31.3	51.3	82.7	-32.0	50.7	82.7	-36.8	45.9	57.5	56.8	52.1
Manchester Blvd	998	978	10	10	57	49	16	40	64	67.4	-13.80	53.6	67.4	-14.47	52.9	67.4	-19.2	48.1	0.58	0.50	0.17	40	64	76.31	-33.68	42.63	76.31	-34.35	41.96	76.31	-39.12	37.19	0.6	0.5	0.2	40	64.4	82.7	-33.7	48.9	82.7	-34.4	48.3	82.7	-39.2	43.5	55.1	54.4	49.7



Roadway Segments	ADT	Vehicle Distribution			Autos			Medium Trucks												Heavy Trucks												Total Noise Levels																		
		Autos	Medium	Heavy	Volumes			Speeds		Noise Level			Volumes			Speeds		Noise Level			Volumes			Speeds		Noise Level																								
		9%	1%	1%	Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy Mean	Traffic flow adjustment	Total Leq Day	Reference Energy Mean	Traffic flow adjustment	Total Leq Evening	Reference Energy Mean	Traffic flow adjustment	Total Leq Night	Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy Mean	Traffic flow adjustment	Total Leq Day	Reference Energy Mean	Traffic flow adjustment	Total Leq Evening	Reference Energy Mean	Traffic flow adjustment	Total Leq Night	Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy Mean	Traffic flow adjustment	Total Leq Day	Reference Energy Mean	Traffic flow adjustment	Total Leq Evening	Reference Energy Mean	Traffic flow adjustment	Total Leq Night	Total Day	Total Evening	Total Night	
La Brea Avenue	33,700	33,026	337	337	1927	1651	550	40	64	67.4	1.49	68.8	67.4	0.82	68.2	67.4	-4.0	63.4	19.66	16.85	5.62	40	64	76.31	-18.40	57.92	76.31	-19.07	57.25	76.31	-23.84	52.48	19.7	16.9	5.6	40	64	64.4	81.2	-18.4	62.7	81.2	-19.1	62.1	81.2	-23.9	57.9	70.1	69.4	64.6
Hillcrest Blvd	8,700	8,526	87	87	497	426	142	40	64	67.4	-4.39	63.0	67.4	-5.06	62.3	67.4	-9.8	57.5	5.08	4.35	1.45	40	64	76.31	-24.28	52.04	76.31	-24.95	51.37	76.31	-29.72	46.59	5.1	4.4	1.5	40	64	64.4	82.7	-24.3	58.4	82.7	-25.0	57.7	82.7	-29.7	52.9	64.5	63.8	59.1
Prairie Avenue	24,700	24,206	247	247	1412	1210	403	40	64	67.4	0.14	67.5	67.4	-0.53	66.8	67.4	-5.3	64.1	14.41	12.35	4.12	40	64	76.31	-19.75	56.57	76.31	-20.41	55.99	76.31	-25.19	51.13	14.4	12.4	4.1	40	64	64.4	82.7	-19.8	62.9	82.7	-20.4	62.2	82.7	-25.2	57.4	69.0	68.4	63.5
Florence Avenue From La Brea Avenue To Market Street	23,100	22,638	231	231	1321	1132	377	40	64	67.4	-0.15	67.2	67.4	-0.82	66.5	67.4	-5.6	61.8	13.48	11.55	3.93	40	64	76.31	-20.04	56.28	76.31	-20.71	55.61	76.31	-25.48	50.84	13.5	11.6	3.9	40	64	64.4	82.7	-20.1	62.6	82.7	-20.7	61.9	82.7	-25.5	57.3	68.1	68.1	63.3
Florence Avenue From Prairie Avenue To WeStreet Blvd	41,100	40,278	411	411	2350	2014	671	40	64	67.4	2.35	69.7	67.4	-1.68	69.0	67.4	-3.1	64.3	23.98	20.55	6.85	40	64	76.31	-17.53	58.78	76.31	-18.20	58.11	76.31	-22.97	53.34	24.0	20.6	6.9	40	64	64.4	82.7	-17.6	65.1	82.7	-18.2	64.4	82.7	-23.0	59.7	71.3	70.6	65.3
Regent Street	6,500	6,370	65	65	372	319	106	40	64	67.4	-5.66	61.7	67.4	-6.33	61.0	67.4	-11.1	56.3	3.79	3.25	1.08	40	64	76.31	-25.54	50.77	76.31	-26.21	50.10	76.31	-30.98	45.33	3.8	3.3	1.1	40	64	64.4	82.7	-25.6	57.1	82.7	-26.2	56.4	82.7	-31.0	51.6	63.2	62.6	57.8
Manchester Blvd	31,300	30,674	313	313	1789	1534	511	40	64	67.4	1.17	68.5	67.4	0.50	67.9	67.4	-4.3	63.1	18.26	15.65	5.22	40	64	76.31	-18.72	57.60	76.31	-19.39	56.93	76.31	-24.16	52.16	18.3	15.7	5.2	40	64	64.4	82.7	-18.7	63.9	82.7	-19.4	63.2	82.7	-24.2	58.5	70.1	69.4	64.6

La Brea Avenue

Time	Existing Leq	Existing CNEL	Project Leq	Project CNEL	Existing Plus Project Leq	Existing Plus Project CNEL	2035 No Project Leq	2035 No Project CNEL	2035 Project Leq	2035 Project CNEL	2035 Future With Project Leq	2035 Future With Project CNEL
7:00 AM	68.7	68.7	64.9	64.9	70.2	70.2	69	69	63	63	70.1	70.1
8:00 AM	68.7	68.7	64.9	64.9	70.2	70.2	69	69	63	63	70.1	70.1
9:00 AM	68.7	68.7	64.9	64.9	70.2	70.2	69	69	63	63	70.1	70.1
10:00 AM	68.7	68.7	64.9	64.9	70.2	70.2	69	69	63	63	70.1	70.1
11:00 AM	68.7	68.7	64.9	64.9	70.2	70.2	69	69	63	63	70.1	70.1
12:00 PM	68.7	68.7	64.9	64.9	70.2	70.2	69	69	63	63	70.1	70.1
1:00 PM	68.7	68.7	64.9	64.9	70.2	70.2	69	69	63	63	70.1	70.1
2:00 PM	68.7	68.7	64.9	64.9	70.2	70.2	69	69	63	63	70.1	70.1
3:00 PM	68.7	68.7	64.9	64.9	70.2	70.2	69	69	63	63	70.1	70.1
4:00 PM	68.7	68.7	64.9	64.9	70.2	70.2	69	69	63	63	70.1	70.1
5:00 PM	68.7	68.7	64.9	64.9	70.2	70.2	69	69	63	63	70.1	70.1
6:00 PM	68.7	68.7	64.9	64.9	70.2	70.2	69	69	63	63	70.1	70.1
7:00 PM	68.1	73.1	64.2	69.2	69.6	74.6	68.3	73.3	62.8	67.8	69.4	74.4
8:00 PM	68.1	73.1	64.2	69.2	69.6	74.6	68.3	73.3	62.8	67.8	69.4	74.4
9:00 PM	68.1	73.1	64.2	69.2	69.6	74.6	68.3	73.3	62.8	67.8	69.4	74.4
10:00 PM	63.3	73.3	59.4	69.4	64.8	74.8	63.6	73.6	58	68	64.6	74.6
11:00 PM	63.3	73.3	59.4	69.4	64.8	74.8	63.6	73.6	58	68	64.6	74.6
12:00 AM	63.3	73.3	59.4	69.4	64.8	74.8	63.6	73.6	58	68	64.6	74.6
1:00 AM	63.3	73.3	59.4	69.4	64.8	74.8	63.6	73.6	58	68	64.6	74.6
2:00 AM	63.3	73.3	59.4	69.4	64.8	74.8	63.6	73.6	58	68	64.6	74.6
3:00 AM	63.3	73.3	59.4	69.4	64.8	74.8	63.6	73.6	58	68	64.6	74.6
4:00 AM	63.3	73.3	59.4	69.4	64.8	74.8	63.6	73.6	58	68	64.6	74.6
5:00 AM	63.3	73.3	59.4	69.4	64.8	74.8	63.6	73.6	58	68	64.6	74.6
6:00 AM	63.3	73.3	59.4	69.4	64.8	74.8	63.6	73.6	58	68	64.6	74.6
	--	71.5	--	67.7	--	73.0		71.8		66.1		72.9

Hillcrest Blvd	Time	Existing Leq	Existing CNEL	Project Leq	Project CNEL	Existing Plus Project Leq	Existing Plus Project CNEL	2035 No Project Leq	2035 No Project CNEL	2035 Project Leq	2035 Project CNEL	2035 Future With Project Leq	2035 Future With Project CNEL
	7:00 AM	62.7	62.7	62.3	62.3	65.5	65.5	62.8	62.8	59.5	59.5	64.5	64.5
	8:00 AM	62.7	62.7	62.3	62.3	65.5	65.5	62.8	62.8	59.5	59.5	64.5	64.5
	9:00 AM	62.7	62.7	62.3	62.3	65.5	65.5	62.8	62.8	59.5	59.5	64.5	64.5
	10:00 AM	62.7	62.7	62.3	62.3	65.5	65.5	62.8	62.8	59.5	59.5	64.5	64.5
	11:00 AM	62.7	62.7	62.3	62.3	65.5	65.5	62.8	62.8	59.5	59.5	64.5	64.5
	12:00 PM	62.7	62.7	62.3	62.3	65.5	65.5	62.8	62.8	59.5	59.5	64.5	64.5
	1:00 PM	62.7	62.7	62.3	62.3	65.5	65.5	62.8	62.8	59.5	59.5	64.5	64.5
	2:00 PM	62.7	62.7	62.3	62.3	65.5	65.5	62.8	62.8	59.5	59.5	64.5	64.5
	3:00 PM	62.7	62.7	62.3	62.3	65.5	65.5	62.8	62.8	59.5	59.5	64.5	64.5
	4:00 PM	62.7	62.7	62.3	62.3	65.5	65.5	62.8	62.8	59.5	59.5	64.5	64.5
	5:00 PM	62.7	62.7	62.3	62.3	65.5	65.5	62.8	62.8	59.5	59.5	64.5	64.5
	6:00 PM	62.7	62.7	62.3	62.3	65.5	65.5	62.8	62.8	59.5	59.5	64.5	64.5
	7:00 PM	62	67	61.7	66.7	64.9	69.9	62.2	67.2	58.9	63.9	63.8	68.8
	8:00 PM	62	67	61.7	66.7	64.9	69.9	62.2	67.2	58.9	63.9	63.8	68.8
	9:00 PM	62	67	61.7	66.7	64.9	69.9	62.2	67.2	58.9	63.9	63.8	68.8
	10:00 PM	57.2	67.2	56.9	66.9	60.1	70.1	57.4	67.4	54.1	64.1	59.1	69.1
	11:00 PM	57.2	67.2	56.9	66.9	60.1	70.1	57.4	67.4	54.1	64.1	59.1	69.1
	12:00 AM	57.2	67.2	56.9	66.9	60.1	70.1	57.4	67.4	54.1	64.1	59.1	69.1
	1:00 AM	57.2	67.2	56.9	66.9	60.1	70.1	57.4	67.4	54.1	64.1	59.1	69.1
	2:00 AM	57.2	67.2	56.9	66.9	60.1	70.1	57.4	67.4	54.1	64.1	59.1	69.1
	3:00 AM	57.2	67.2	56.9	66.9	60.1	70.1	57.4	67.4	54.1	64.1	59.1	69.1
	4:00 AM	57.2	67.2	56.9	66.9	60.1	70.1	57.4	67.4	54.1	64.1	59.1	69.1
	5:00 AM	57.2	67.2	56.9	66.9	60.1	70.1	57.4	67.4	54.1	64.1	59.1	69.1
	6:00 AM	57.2	67.2	56.9	66.9	60.1	70.1	57.4	67.4	54.1	64.1	59.1	69.1
		--	65.5		65.1		68.3		65.6		62.3		67.3

Prairie Avenue

Time	Existing Leq	Existing CNEL	Project Leq	Project CNEL	Existing Plus Project Leq	Existing Plus Project CNEL	2035 No Project Leq	2035 No Project CNEL	2035 Project Leq	2035 Project CNEL	2035 Future With Project	2035 Future With Project
7:00 AM	68.3	68.3	64.2	64.2	69.8	69.8	68.5	68.5	59.8	59.8	69	69
8:00 AM	68.3	68.3	64.2	64.2	69.8	69.8	68.5	68.5	59.8	59.8	69	69
9:00 AM	68.3	68.3	64.2	64.2	69.8	69.8	68.5	68.5	59.8	59.8	69	69
10:00 AM	68.3	68.3	64.2	64.2	69.8	69.8	68.5	68.5	59.8	59.8	69	69
11:00 AM	68.3	68.3	64.2	64.2	69.8	69.8	68.5	68.5	59.8	59.8	69	69
12:00 PM	68.3	68.3	64.2	64.2	69.8	69.8	68.5	68.5	59.8	59.8	69	69
1:00 PM	68.3	68.3	64.2	64.2	69.8	69.8	68.5	68.5	59.8	59.8	69	69
2:00 PM	68.3	68.3	64.2	64.2	69.8	69.8	68.5	68.5	59.8	59.8	69	69
3:00 PM	68.3	68.3	64.2	64.2	69.8	69.8	68.5	68.5	59.8	59.8	69	69
4:00 PM	68.3	68.3	64.2	64.2	69.8	69.8	68.5	68.5	59.8	59.8	69	69
5:00 PM	68.3	68.3	64.2	64.2	69.8	69.8	68.5	68.5	59.8	59.8	69	69
6:00 PM	68.3	68.3	64.2	64.2	69.8	69.8	68.5	68.5	59.8	59.8	69	69
7:00 PM	67.7	72.7	63.5	68.5	69.1	74.1	67.8	72.8	59.1	64.1	68.4	73.4
8:00 PM	67.7	72.7	63.5	68.5	69.1	74.1	67.8	72.8	59.1	64.1	68.4	73.4
9:00 PM	67.7	72.7	63.5	68.5	69.1	74.1	67.8	72.8	59.1	64.1	68.4	73.4
10:00 PM	62.9	72.9	58.8	68.8	64.3	74.3	63.1	73.1	54.4	64.4	63.6	73.6
11:00 PM	62.9	72.9	58.8	68.8	64.3	74.3	63.1	73.1	54.4	64.4	63.6	73.6
12:00 AM	62.9	72.9	58.8	68.8	64.3	74.3	63.1	73.1	54.4	64.4	63.6	73.6
1:00 AM	62.9	72.9	58.8	68.8	64.3	74.3	63.1	73.1	54.4	64.4	63.6	73.6
2:00 AM	62.9	72.9	58.8	68.8	64.3	74.3	63.1	73.1	54.4	64.4	63.6	73.6
3:00 AM	62.9	72.9	58.8	68.8	64.3	74.3	63.1	73.1	54.4	64.4	63.6	73.6
4:00 AM	62.9	72.9	58.8	68.8	64.3	74.3	63.1	73.1	54.4	64.4	63.6	73.6
5:00 AM	62.9	72.9	58.8	68.8	64.3	74.3	63.1	73.1	54.4	64.4	63.6	73.6
6:00 AM	62.9	72.9	58.8	68.8	64.3	74.3	63.1	73.1	54.4	64.4	63.6	73.6
		71.1		67.0		72.6		71.3		62.6		71.8

Florence Avenue From La Brea Avenue To	Time	Existing Leq	Existing CNEL	Project Leq	Project CNEL	Existing Plus Project Leq	Existing Plus Project CNEL	2035 No Project Leq	2035 No Project CNEL	2035 Project Leq	2035 Project CNEL	2035 Future With Project	2035 Future With Project
	7:00 AM	67.8	67.8	60.7	60.7	68.6	68.6	68	68	60.5	60.5	68.8	68.8
	8:00 AM	67.8	67.8	60.7	60.7	68.6	68.6	68	68	60.5	60.5	68.8	68.8
	9:00 AM	67.8	67.8	60.7	60.7	68.6	68.6	68	68	60.5	60.5	68.8	68.8
	10:00 AM	67.8	67.8	60.7	60.7	68.6	68.6	68	68	60.5	60.5	68.8	68.8
	11:00 AM	67.8	67.8	60.7	60.7	68.6	68.6	68	68	60.5	60.5	68.8	68.8
	12:00 PM	67.8	67.8	60.7	60.7	68.6	68.6	68	68	60.5	60.5	68.8	68.8
	1:00 PM	67.8	67.8	60.7	60.7	68.6	68.6	68	68	60.5	60.5	68.8	68.8
	2:00 PM	67.8	67.8	60.7	60.7	68.6	68.6	68	68	60.5	60.5	68.8	68.8
	3:00 PM	67.8	67.8	60.7	60.7	68.6	68.6	68	68	60.5	60.5	68.8	68.8
	4:00 PM	67.8	67.8	60.7	60.7	68.6	68.6	68	68	60.5	60.5	68.8	68.8
	5:00 PM	67.8	67.8	60.7	60.7	68.6	68.6	68	68	60.5	60.5	68.8	68.8
	6:00 PM	67.8	67.8	60.7	60.7	68.6	68.6	68	68	60.5	60.5	68.8	68.8
	7:00 PM	67.2	72.2	60.1	65.1	67.9	72.9	67.4	72.4	59.9	64.9	68.1	73.1
	8:00 PM	67.2	72.2	60.1	65.1	67.9	72.9	67.4	72.4	59.9	64.9	68.1	73.1
	9:00 PM	67.2	72.2	60.1	65.1	67.9	72.9	67.4	72.4	59.9	64.9	68.1	73.1
	10:00 PM	62.4	72.4	55.3	65.3	63.2	73.2	62.6	72.6	55.1	65.1	63.3	73.3
	11:00 PM	62.4	72.4	55.3	65.3	63.2	73.2	62.6	72.6	55.1	65.1	63.3	73.3
	12:00 AM	62.4	72.4	55.3	65.3	63.2	73.2	62.6	72.6	55.1	65.1	63.3	73.3
	1:00 AM	62.4	72.4	55.3	65.3	63.2	73.2	62.6	72.6	55.1	65.1	63.3	73.3
	2:00 AM	62.4	72.4	55.3	65.3	63.2	73.2	62.6	72.6	55.1	65.1	63.3	73.3
	3:00 AM	62.4	72.4	55.3	65.3	63.2	73.2	62.6	72.6	55.1	65.1	63.3	73.3
	4:00 AM	62.4	72.4	55.3	65.3	63.2	73.2	62.6	72.6	55.1	65.1	63.3	73.3
	5:00 AM	62.4	72.4	55.3	65.3	63.2	73.2	62.6	72.6	55.1	65.1	63.3	73.3
	6:00 AM	62.4	72.4	55.3	65.3	63.2	73.2	62.6	72.6	55.1	65.1	63.3	73.3
			70.6		63.5		71.4		70.8		63.3		71.6

Florence Avenue From Prairie Avenue To WeStreet Blvd

Time	Existing Leq	Existing CNEL	Project Leq	Project CNEL	Existing Plus Project Leq	Existing Plus Project CNEL	2035 No Project Leq	2035 No Project CNEL	2035 Project Leq	2035 Project CNEL	2035 Future With Project	2035 Future With Project
7:00 AM	70.9	70.9	62.2	62.2	71.4	71.4	71.1	71.1	57.3	57.3	71.3	71.3
8:00 AM	70.9	70.9	62.2	62.2	71.4	71.4	71.1	71.1	57.3	57.3	71.3	71.3
9:00 AM	70.9	70.9	62.2	62.2	71.4	71.4	71.1	71.1	57.3	57.3	71.3	71.3
10:00 AM	70.9	70.9	62.2	62.2	71.4	71.4	71.1	71.1	57.3	57.3	71.3	71.3
11:00 AM	70.9	70.9	62.2	62.2	71.4	71.4	71.1	71.1	57.3	57.3	71.3	71.3
12:00 PM	70.9	70.9	62.2	62.2	71.4	71.4	71.1	71.1	57.3	57.3	71.3	71.3
1:00 PM	70.9	70.9	62.2	62.2	71.4	71.4	71.1	71.1	57.3	57.3	71.3	71.3
2:00 PM	70.9	70.9	62.2	62.2	71.4	71.4	71.1	71.1	57.3	57.3	71.3	71.3
3:00 PM	70.9	70.9	62.2	62.2	71.4	71.4	71.1	71.1	57.3	57.3	71.3	71.3
4:00 PM	70.9	70.9	62.2	62.2	71.4	71.4	71.1	71.1	57.3	57.3	71.3	71.3
5:00 PM	70.9	70.9	62.2	62.2	71.4	71.4	71.1	71.1	57.3	57.3	71.3	71.3
6:00 PM	70.9	70.9	62.2	62.2	71.4	71.4	71.1	71.1	57.3	57.3	71.3	71.3
7:00 PM	70.2	75.2	61.5	66.5	70.7	75.7	70.4	75.4	56.6	61.6	70.6	75.6
8:00 PM	70.2	75.2	61.5	66.5	70.7	75.7	70.4	75.4	56.6	61.6	70.6	75.6
9:00 PM	70.2	75.2	61.5	66.5	70.7	75.7	70.4	75.4	56.6	61.6	70.6	75.6
10:00 PM	65.4	75.4	56.7	66.7	66	76	65.6	75.6	51.9	61.9	65.8	75.8
11:00 PM	65.4	75.4	56.7	66.7	66	76	65.6	75.6	51.9	61.9	65.8	75.8
12:00 AM	65.4	75.4	56.7	66.7	66	76	65.6	75.6	51.9	61.9	65.8	75.8
1:00 AM	65.4	75.4	56.7	66.7	66	76	65.6	75.6	51.9	61.9	65.8	75.8
2:00 AM	65.4	75.4	56.7	66.7	66	76	65.6	75.6	51.9	61.9	65.8	75.8
3:00 AM	65.4	75.4	56.7	66.7	66	76	65.6	75.6	51.9	61.9	65.8	75.8
4:00 AM	65.4	75.4	56.7	66.7	66	76	65.6	75.6	51.9	61.9	65.8	75.8
5:00 AM	65.4	75.4	56.7	66.7	66	76	65.6	75.6	51.9	61.9	65.8	75.8
6:00 AM	65.4	75.4	56.7	66.7	66	76	65.6	75.6	51.9	61.9	65.8	75.8
		73.7		65.0		74.2		73.9		60.1		74.1

Regent Street	Time	Existing Leq	Existing CNEL	Project Leq	Project CNEL	Existing Plus Project Leq	Existing Plus Project CNEL	2035 No Project Leq	2035 No Project CNEL	2035 Project Leq	2035 Project CNEL	2035 Future With Project Leq	2035 Future With Project CNEL
	7:00 AM	61.6	61.6	63.3	63.3	65.6	65.6	61.9	61.9	57.5	57.5	63.2	63.2
	8:00 AM	61.6	61.6	63.3	63.3	65.6	65.6	61.9	61.9	57.5	57.5	63.2	63.2
	9:00 AM	61.6	61.6	63.3	63.3	65.6	65.6	61.9	61.9	57.5	57.5	63.2	63.2
	10:00 AM	61.6	61.6	63.3	63.3	65.6	65.6	61.9	61.9	57.5	57.5	63.2	63.2
	11:00 AM	61.6	61.6	63.3	63.3	65.6	65.6	61.9	61.9	57.5	57.5	63.2	63.2
	12:00 PM	61.6	61.6	63.3	63.3	65.6	65.6	61.9	61.9	57.5	57.5	63.2	63.2
	1:00 PM	61.6	61.6	63.3	63.3	65.6	65.6	61.9	61.9	57.5	57.5	63.2	63.2
	2:00 PM	61.6	61.6	63.3	63.3	65.6	65.6	61.9	61.9	57.5	57.5	63.2	63.2
	3:00 PM	61.6	61.6	63.3	63.3	65.6	65.6	61.9	61.9	57.5	57.5	63.2	63.2
	4:00 PM	61.6	61.6	63.3	63.3	65.6	65.6	61.9	61.9	57.5	57.5	63.2	63.2
	5:00 PM	61.6	61.6	63.3	63.3	65.6	65.6	61.9	61.9	57.5	57.5	63.2	63.2
	6:00 PM	61.6	61.6	63.3	63.3	65.6	65.6	61.9	61.9	57.5	57.5	63.2	63.2
	7:00 PM	61	66	62.7	67.7	64.9	69.9	61.9	66.9	56.8	61.8	62.6	67.6
	8:00 PM	61	66	62.7	67.7	64.9	69.9	61.9	66.9	56.8	61.8	62.6	67.6
	9:00 PM	61	66	62.7	67.7	64.9	69.9	61.9	66.9	56.8	61.8	62.6	67.6
	10:00 PM	56.2	66.2	57.9	67.9	60.1	70.1	61.3	71.3	52.1	62.1	57.8	67.8
	11:00 PM	56.2	66.2	57.9	67.9	60.1	70.1	61.3	71.3	52.1	62.1	57.8	67.8
	12:00 AM	56.2	66.2	57.9	67.9	60.1	70.1	61.3	71.3	52.1	62.1	57.8	67.8
	1:00 AM	56.2	66.2	57.9	67.9	60.1	70.1	56.5	66.5	52.1	62.1	57.8	67.8
	2:00 AM	56.2	66.2	57.9	67.9	60.1	70.1	56.5	66.5	52.1	62.1	57.8	67.8
	3:00 AM	56.2	66.2	57.9	67.9	60.1	70.1	56.5	66.5	52.1	62.1	57.8	67.8
	4:00 AM	56.2	66.2	57.9	67.9	60.1	70.1	56.5	66.5	52.1	62.1	57.8	67.8
	5:00 AM	56.2	66.2	57.9	67.9	60.1	70.1	56.5	66.5	52.1	62.1	57.8	67.8
	6:00 AM	56.2	66.2	57.9	67.9	60.1	70.1	56.5	66.5	52.1	62.1	57.8	67.8
			64.4		66.1		68.4		66.2		60.3		66.0

Manchester Blvd	Time	Existing Leq	Existing CNEL	Project Leq	Project CNEL	Existing Plus Project Leq	Existing Plus Project CNEL	2035 No Project Leq	2035 No Project CNEL	2035 Project Leq	2035 Project CNEL	2035 Future With Project	2035 Future With Project
	7:00 AM	69.6	69.6	59.4	59.4	70	70	69	69	55.1	55.1	70.1	70.1
	8:00 AM	69.6	69.6	59.4	59.4	70	70	69	69	55.1	55.1	70.1	70.1
	9:00 AM	69.6	69.6	59.4	59.4	70	70	69	69	55.1	55.1	70.1	70.1
	10:00 AM	69.6	69.6	59.4	59.4	70	70	69	69	55.1	55.1	70.1	70.1
	11:00 AM	69.6	69.6	59.4	59.4	70	70	69	69	55.1	55.1	70.1	70.1
	12:00 PM	69.6	69.6	59.4	59.4	70	70	69	69	55.1	55.1	70.1	70.1
	1:00 PM	69.6	69.6	59.4	59.4	70	70	69	69	55.1	55.1	70.1	70.1
	2:00 PM	69.6	69.6	59.4	59.4	70	70	69	69	55.1	55.1	70.1	70.1
	3:00 PM	69.6	69.6	59.4	59.4	70	70	69	69	55.1	55.1	70.1	70.1
	4:00 PM	69.6	69.6	59.4	59.4	70	70	69	69	55.1	55.1	70.1	70.1
	5:00 PM	69.6	69.6	59.4	59.4	70	70	69	69	55.1	55.1	70.1	70.1
	6:00 PM	69.6	69.6	59.4	59.4	70	70	69	69	55.1	55.1	70.1	70.1
	7:00 PM	68.9	73.9	58.8	63.8	69.3	74.3	69.3	74.3	54.4	59.4	69.4	74.4
	8:00 PM	68.9	73.9	58.8	63.8	69.3	74.3	69.3	74.3	54.4	59.4	69.4	74.4
	9:00 PM	68.9	73.9	58.8	63.8	69.3	74.3	69.3	74.3	54.4	59.4	69.4	74.4
	10:00 PM	64.1	74.1	54	64	64.5	74.5	64.5	74.5	49.7	59.7	64.6	74.6
	11:00 PM	64.1	74.1	54	64	64.5	74.5	64.5	74.5	49.7	59.7	64.6	74.6
	12:00 AM	64.1	74.1	54	64	64.5	74.5	64.5	74.5	49.7	59.7	64.6	74.6
	1:00 AM	64.1	74.1	54	64	64.5	74.5	64.5	74.5	49.7	59.7	64.6	74.6
	2:00 AM	64.1	74.1	54	64	64.5	74.5	64.5	74.5	49.7	59.7	64.6	74.6
	3:00 AM	64.1	74.1	54	64	64.5	74.5	64.5	74.5	49.7	59.7	64.6	74.6
	4:00 AM	64.1	74.1	54	64	64.5	74.5	64.5	74.5	49.7	59.7	64.6	74.6
	5:00 AM	64.1	74.1	54	64	64.5	74.5	64.5	74.5	49.7	59.7	64.6	74.6
	6:00 AM	64.1	74.1	54	64	64.5	74.5	64.5	74.5	49.7	59.7	64.6	74.6
			72.4		62.2		72.8		72.5		57.9		72.9



Segment	Existing	
	ADT	CNEL
La Brea Avenue	24,800	71.5
Hillcrest Blvd	5,700	65.5
Prairie Avenue	21,000	71.1
Florence Avenue From La Brea Avenue	18,700	70.6
Florence Avenue From Prairie Avenue T	37,500	73.7
Regent Street	4,500	64.4
Manchester Blvd	27,900	72.4

<b>Segment</b>	<b>Existing CNEL</b>	<b>Existing with Project CNEL</b>	<b>Increase</b>
La Brea Avenue	71.5	73.0	1.5
Hillcrest Blvd	65.5	68.3	2.9
Prairie Avenue	71.1	72.6	1.4
Florence Avenue From La Brea Avenue To I	70.6	71.4	0.8
Florence Avenue From Prairie Avenue To W	73.7	74.2	0.6
Regent Street	64.4	68.4	3.9
Manchester Blvd	72.4	72.8	0.4

<b>Segment</b>	<b>2035 Future No Project CNEL</b>	<b>2035 Future with Project CNEL</b>	<b>Increase</b>
La Brea Avenue	71.8	72.9	1.0
Hillcrest Blvd	65.6	67.3	1.7
Prairie Avenue	71.3	71.8	0.5
Florence Avenue From La Brea Avenue To N	70.8	71.6	0.7
Florence Avenue From Prairie Avenue To W	73.9	74.1	0.2
Regent Street	66.2	66.0	-0.2
Manchester Blvd	72.5	72.9	0.3