

APPENDIX C

Noise Analysis: Noise Modelling and Calculation Data (RECON)

Traffic Data

	Roadway	Segment	Existing ADT	Adopted ADT	GPU ADT	Speed
1	N River Road	Douglas Drive to College Boulevard	23,100	21,300	24,400	45
2	N River Road	College Boulevard to Vandegrift Boulevard	39,700	30,100	44,300	45
3	N River Road	Vandegrift Boulevard to North River Circle	15,000	14,300	17,900	45
4	N River Road	North River Circle to Stallion Drive	14,600	12,900	16,600	50
5	N River Road	Stallion Drive to Wilshire Road	11,000	12,900	14,600	50
6	N River Road	Wilshire Road to Sleeping Indian Road	10,800	10,300	12,000	50
7	N River Road	Sleeping Indian Road to Via Puerta Del Sol	8,500	5,800	9,800	50
8	N River Road	Via Puerta Del Sol to SR-76	8,500	5,500	9,800	50
9	Frazee Road	Old Grove Road to SR-76	5,300	6,400	7,000	30
10	Frazee Road	SR-76 to College Boulevard	6,200	8,400	9,000	35
11	SR-76	N Coast Highway to I-5 SB Ramps	17,400	11,400	20,300	35
12	SR-76	I-5 SB Ramps to I-5 NB Ramps	33,800	26,000	37,900	55
13	SR-76	I-5 NB Ramps to Loretta Street	53,000	32,000	53,500	55
14	SR-76	Loretta Street to Canyon Drive	53,000	31,700	59,400	55
15	SR-76	Canyon Drive to Foussat Road	51,000	35,100	52,600	55
16	SR-76	Foussat Road to Douglas Drive	51,000	35,600	52,800	55
17	SR-76	Douglas Drive to Rancho Del Oro Drive	47,500	37,600	51,900	55
18	SR-76	Rancho Del Oro Drive to Old Grove Road	44,000	37,600	50,300	55
19	SR-76	Old Grove Road to Frazee Road	47,000	37,400	49,200	55
20	SR-76	Frazee Road to Town Center Drive	47,000	39,600	50,100	55
21	SR-76	Town Center Drive to College Boulevard	47,000	42,600	49,500	55
22	SR-76	College Boulevard to N Santa Fe Avenue	47,500	57,200	58,000	55
23	SR-76	N Santa Fe Avenue to Guajome Lake Road	51,000	46,500	56,500	55
24	SR-76	Guajome Lake Road to Melrose Drive	51,000	43,200	57,300	55
25	SR-76	Melrose Drive to East Vista Way	51,000	40,100	53,500	55
26	SR-76	East Vista Way to N River Road	39,500	48,500	49,000	55
27	Mission Avenue	N Pacific Street to N Coast Highway	8,500	5,000	9,400	25
28	Mission Avenue	N Coast Highway to N Clementine Street	10,000	8,800	10,200	25
29	Mission Avenue	N Clementine Street to Horne Street	10,000	12,600	13,000	25
30	Mission Avenue	Horne Street to I-5 SB Ramps	22,300	17,900	23,400	30
31	Mission Avenue	I-5 SB Ramps to I-5 NB Ramps	28,900	22,800	32,300	30
32	Mission Avenue	I-5 NB Ramps to Canyon Drive	28,900	28,100	33,600	35
33	Mission Avenue	Canyon Drive to Mesa Drive	24,000	16,800	28,300	30
34	Mission Avenue	Mesa Drive to Foussat Road	22,900	18,300	30,000	50
35	Mission Avenue	Foussat Road to El Camino Real	23,800	18,000	34,900	45
36	Mission Avenue	El Camino Real to Douglas Drive	22,000	15,200	29,300	45

Traffic Data

	Roadway	Segment	Existing ADT	Adopted ADT	GPU ADT	Speed
37	Mission Avenue	Douglas Drive to Rancho Del Oro Drive	25,000	12,300	28,600	45
38	Mission Avenue	Rancho Del Oro Drive to Old Grove Road	14,200	14,400	16,500	45
39	Mission Avenue	Old Grove Road to Frazee Road	10,000	7,200	11,800	45
40	Mesa Drive	Mission Avenue to Foussat Road	4,400	5,700	8,400	30
41	Mesa Drive	Foussat Road to El Camino Real	5,400	6,500	6,600	40
42	Mesa Drive	El Camino Real to Rancho Del Oro Drive	14,800	17,500	15,800	45
43	Mesa Drive	Rancho Del Oro Drive to Ivey Ranch Road	12,800	11,000	14,800	45
44	Mesa Drive	Ivey Ranch Road to Via Rancho Road	11,000	5,700	12,000	45
45	Mesa Drive	Via Rancho Road to Old Grove Road	14,300	10,000	15,900	45
46	Mesa Drive	Old Grove Road to College Boulevard	12,700	8,200	14,400	45
47	Mesa Drive	College Boulevard to N Santa Fe Drive	11,200	8,800	13,500	45
48	Seagaze Drive	S Coast Highway to S Clementine Street	4,400	3,000	5,500	25
49	Seagaze Drive	S Clementine Street to Horne Street	4,400	1,000	5,500	25
50	Oceanside Boulevard	S Pacific Street to S Coast Highway	5,400	5,300	8,300	25
51	Oceanside Boulevard	S Coast Highway to I-5 SB Ramps	21,700	15,700	26,700	35
52	Oceanside Boulevard	I-5 SB Ramps to I-5 NB Ramps	26,500	18,700	30,400	35
53	Oceanside Boulevard	I-5 NB Ramps to Goat Hill Drive	31,300	18,200	33,500	35
54	Oceanside Boulevard	Goat Hill Drive to Crouch Street	29,800	16,200	33,200	35
55	Oceanside Boulevard	Crouch Street to Foussat Road	31,300	22,300	34,200	40
56	Oceanside Boulevard	Foussat Road to El Camino Real	26,500	22,300	32,200	40
57	Oceanside Boulevard	El Camino Real to Rancho Del Oro Drive	29,900	22,000	36,900	55
58	Oceanside Boulevard	Rancho Del Oro Drive to College Boulevard	29,700	32,600	43,000	55
59	Oceanside Boulevard	College Boulevard to Arroyo Avenue	25,400	31,200	34,000	50
60	Oceanside Boulevard	Arroyo Avenue to Temple Heights Drive	25,400	25,800	29,200	50
61	Oceanside Boulevard	Temple Heights Drive to N Melrose Drive	25,400	23,300	28,400	50
62	Oceanside Boulevard	N Melrose Drive to Eastern City Limits	17,800	25,500	27,000	40
63	Vista Way	Coast Highway to I-5 SB Ramps	18,000	19,200	20,200	30
64	Vista Way	Jefferson Street to El Camino Real	23,200	13,700	25,000	35
65	Vista Way	El Camino Real to Rancho Del Oro Drive	25,500	13,900	27,300	45
66	Vista Way	Rancho Del Oro Drive to College Boulevard	24,600	10,600	23,900	40
67	Vista Way	College Boulevard to SR-78 WB Ramps	28,300	21,000	29,400	35
68	Vista Way	SR-78 WB Ramps to Thunder Drive	19,000	16,300	22,700	35
69	Plaza Drive	College Boulevard to SR-78 EB Ramps	21,000	14,900	26,500	35
70	Plaza Drive	SR-78 EB Ramps to Thunder Drive	13,200	10,800	14,300	35
71	Marron Road	Western City Limit to College Boulevard	13,300	20,300	22,000	25
72	Lake Boulevard	College Boulevard to Thunder Drive	14,900	14,200	18,600	35

Traffic Data

	Roadway	Segment	Existing ADT	Adopted ADT	GPU ADT	Speed
73	Lake Boulevard	Thunder Drive to Sundown Lane	14,800	10,200	18,500	35
74	Lake Boulevard	Sundown Lane to Sky Haven Lane	14,800	9,300	18,500	35
75	Lake Boulevard	Sky Haven Lane to Alameda Drive	13,400	11,100	16,600	45
76	Lake Boulevard	Alameda Drive to Cannon Road	13,700	10,200	16,900	45
77	Cannon Road	Western Terminus to Melrose Drive	13,400	31,700	33,700	40
78	N Coast Highway	Northern City Limit to SR-76	12,000	10,100	15,000	25
79	N Coast Highway	SR-76 to Mission Avenue	18,300	20,400	27,400	25
80	N Coast Highway	Mission Avenue to Seagaze Drive	24,300	14,400	32,500	25
81	S Coast Highway	Seagaze Drive to Wisconsin Avenue	24,300	14,400	32,500	25
82	S Coast Highway	Wisconsin Avenue to Oceanside Boulevard	22,100	15,800	24,400	35
83	S Coast Highway	Oceanside Boulevard to Morse Street	20,400	17,600	25,700	35
84	S Coast Highway	Morse Street to Vista Way	19,600	18,000	25,500	35
85	S Coast Highway	Vista Way to Southern City Limit	17,900	19,800	21,600	35
86	Horne Street	Civic Center Drive to Pier View Way	5,900	4,200	7,800	25
87	Horne Street	Pier View Way to Mission Avenue	9,400	4,600	12,000	25
88	Horne Street	Mission Avenue to Seagaze Drive	5,000	1,600	6,500	25
89	Canyon Drive	SR-76 to Mission Ave	9,200	6,500	10,700	45
90	Canyon Drive	Mission Avenue to Oceanside Boulevard	8,100	11,200	12,900	35
91	Crouch Street	Canyon Drive to Oceanside Boulevard	7,100	7,500	8,800	30
92	Crouch Street	Oceanside Boulevard to Skylark Drive	10,900	8,000	12,500	25
93	Crouch Street	Skylark Drive to Grandview Street	5,450	4,000	6,250	25
94	Foussat Road	Alex Road to SR-76	6,300	6,200	10,400	40
95	Foussat Road	SR-76 to Mission Ave	10,000	13,500	17,200	40
96	Foussat Road	Mission Avenue to Oceanside Boulevard	7,300	8,100	11,400	25
97	Jefferson Street	Vista Way to SR-78 WB Ramps	16,200	21,700	22,000	40
98	Jefferson Street	SR-78 WB Ramps to SR-78 EB Ramps	27,100	17,400	33,400	40
99	Jefferson Street	SR-78 EB Ramps to Southern City Limits	11,000	12,500	13,900	40
100	El Camino Real	Douglas Drive to Mission Ave	22,600	20,000	26,700	35
101	El Camino Real	Mission Avenue to Mesa Drive	25,200	25,300	34,500	45
102	El Camino Real	Mesa Drive to Oceanside Boulevard	38,300	39,700	42,300	45
103	El Camino Real	Oceanside Boulevard to Fire Mountain Drive	42,600	48,500	56,800	45
104	El Camino Real	Fire Mountain Drive to Via Las Rosas	42,600	45,300	56,700	45
105	El Camino Real	Via Las Rosas to Vista Way	43,700	47,700	53,800	45
106	El Camino Real	Vista Way to SR-78 WB Ramps	52,000	54,600	57,900	40
107	El Camino Real	SR-78 WB Ramps to SR-78 EB Ramps	46,900	48,600	50,500	40
108	Douglas Drive	Vandegrift Boulevard to Via Malaguena	7,900	6,800	9,000	45

Traffic Data

	Roadway	Segment	Existing ADT	Adopted ADT	GPU ADT	Speed
109	Douglas Drive	Via Malaguena to Cardiff Bay Drive	7,900	6,000	9,000	45
110	Douglas Drive	Cardiff Bay Drive to Festival Drive	10,500	9,100	12,100	45
111	Douglas Drive	Festival Drive to N River Road	10,500	16,700	24,000	45
112	Douglas Drive	N River Road to Old River Street	35,100	23,800	38,600	50
113	Douglas Drive	Old River Street to Pala Road	33,800	32,100	39,900	50
114	Douglas Drive	Pala Road to El Camino Real	35,000	25,900	40,500	50
115	Douglas Drive	El Camino Real to Mission Ave	24,700	17,200	27,600	40
116	Douglas Drive	Mission Avenue to SR-76	24,700	11,700	25,200	40
117	Rancho Del Oro Drive	Mission Avenue to SR-76	8,900	6,300	11,500	45
118	Rancho Del Oro Drive	SR-76 to Mesa Drive	16,100	19,300	21,400	45
119	Rancho Del Oro Drive	Mesa Drive to Ocean Ranch Boulevard	15,100	16,700	20,300	50
120	Rancho Del Oro Drive	Ocean Ranch Boulevard to Senior Center Drive	17,200	16,600	21,100	50
121	Rancho Del Oro Drive	Senior Center Drive to Oceanside Boulevard	18,200	16,900	23,500	50
122	Rancho Del Oro Drive	Oceanside Boulevard to Vista Del Oro Drive	13,400	22,300	33,000	45
123	Rancho Del Oro Drive	Vista Del Oro Drive to Vista Way	13,400	22,100	36,000	45
124	Rancho Del Oro Drive	Vista Way to SR-78	0	0	40,000	35
125	Old Grove Road	Frazee Road to SR-76	7,500	3,100	7,700	40
126	Old Grove Road	SR-76 to Mission Avenue	10,800	9,300	12,200	40
127	Old Grove Road	Mission Avenue to Mesa Drive	11,900	15,300	16,000	40
128	Old Grove Road	Mesa Drive to College Boulevard	15,100	18,200	20,400	35
129	Vandegrift Boulevard	Northern City Limit to Douglas Drive	21,700	19,900	23,200	55
130	Vandegrift Boulevard	Douglas Drive to N River Road	28,500	29,400	34,600	55
131	College Boulevard	N River Road to Adams Street	46,000	36,600	47,600	40
132	College Boulevard	Adams Street to SR-76	46,000	39,900	48,600	45
133	College Boulevard	SR-76 to Frazee Road	30,300	27,700	34,400	50
134	College Boulevard	Frazee Road to Mesa Drive	32,700	29,900	37,500	50
135	College Boulevard	Mesa Drive to Old Grove Road	29,900	32,100	35,800	50
136	College Boulevard	Old Grove Road to Avenida De La Plata	38,300	43,600	44,500	45
137	College Boulevard	Avenida De La Plata to Oceanside Boulevard	38,200	49,100	47,400	45
138	College Boulevard	Oceanside Boulevard to Olive Avenue	50,000	64,900	60,500	45
139	College Boulevard	Olive Drive to Thunder Drive	36,000	44,600	46,700	45
140	College Boulevard	Thunder Drive to Marvin Street	31,800	32,900	41,400	45
141	College Boulevard	Marvin Street to Waring Road	32,800	35,100	41,800	50
142	College Boulevard	Waring Road to Vista Way	44,300	41,400	46,500	35
143	College Boulevard	Vista Way to SR-78 EB Off-Ramp	58,500	60,000	62,300	35
144	College Boulevard	SR-78 EB Off-Ramp to Haymar Drive / Plaza Drive	55,800	57,500	61,400	35

Traffic Data

	Roadway	Segment	Existing ADT	Adopted ADT	GPU ADT	Speed
145	College Boulevard	Plaza Drive to Lake Boulevard	40,800	52,000	54,800	35
146	College Boulevard	Lake Boulevard to Southern City Limits	40,500	47,100	48,000	45
147	Wilshire Road	Northern Terminus to N River Road	1,700	2,000	2,000	35
148	N Santa Fe Avenue	SR-76 to Mesa Drive	24,600	25,700	28,400	50
149	N Santa Fe Avenue	Mesa Drive to N Melrose Drive	26,300	23,500	29,400	50
150	N Santa Fe Avenue	N Melrose Drive to Eastern City Limits	15,400	21,700	22,400	45
151	Melrose Drive	Northern terminus to SR-76	3,900	11,200	17,800	40
152	Melrose Drive	SR-76 to Old Ranch Road	9,700	6,700	11,700	40
153	Melrose Drive	Old Ranch Road to Spur Avenue	9,700	1,300	13,700	40
154	Melrose Drive	N Santa Fe Drive to Sagewood Drive	17,800	19,500	20,200	45
155	Melrose Drive	Sagewood Drive to Meadowbrook Drive	18,800	26,500	26,900	45
156	Melrose Drive	Meadowbrook Drive to Oceanside Boulevard	20,600	25,000	28,400	45
157	Melrose Drive	Oceanside Boulevard to Southern City Limits	20,200	35,500	38,400	45
158	Sleeping Indian Road	Northern City Limit to N River Road	2,200	3,400	7,500	35
159	I-5	Southern City Limits to SR-78	196,800	205,200	205,200	65
160	I-5	SR-78 to Cassidy Street	198,800	213,700	213,700	65
161	I-5	Cassidy Street to California Street	196,200	215,100	215,100	65
162	I-5	California Street to Oceanside Boulevard	198,500	217,100	217,100	65
163	I-5	Oceanside Boulevard to Mission Avenue	188,400	208,400	208,400	65
164	I-5	Mission Avenue to SR-76	160,900	183,700	183,700	65
165	I-5	SR-76 to Harbor Drive	152,200	187,200	187,200	65
166	I-5	Harbor Drive to Northern City Limits	120,900	164,200	164,200	65
167	SR-78	I-5 to Jefferson Street	116,800	117,700	117,700	65
168	SR-78	Jefferson Street to El Camino Real	116,100	114,500	114,500	65
169	SR-78	El Camino Real to Eastern City Limits	126,200	119,600	119,600	65

FHWA RD-77-108
Traffic Noise Prediction Model

Data Input Sheet

Project Name : Oceanside GPU
Project Number : 9550
Modeled Condition : Roads - Baseline Year 2016

Surface Refelction: CNEL
Assessment Metric: Hard
Peak ratio to ADT: 10.00
Traffic Desc. (Peak or ADT) : ADT

Segment	Roadway	Segment	Traffic Vol.	Speed	Distance	% Autos	%MT	% HT	Day %	Eve %	Night %	K-Factor
				(Mph)	to CL							
1	N River Road	Douglas Drive to College Boulevard	23,100	45	50	95.00	3.00	2.00	77.00	10.00	13.00	
2	N River Road	College Boulevard to Vandegrift Boulevard	39,700	45	50	95.00	3.00	2.00	77.00	10.00	13.00	
3	N River Road	Vandegrift Boulevard to North River Circle	15,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00	
4	N River Road	North River Circle to Stallion Drive	14,600	50	50	95.00	3.00	2.00	77.00	10.00	13.00	
5	N River Road	Stallion Drive to Wilshire Road	11,000	50	50	95.00	3.00	2.00	77.00	10.00	13.00	
6	N River Road	Wilshire Road to Sleeping Indian Road	10,800	50	50	95.00	3.00	2.00	77.00	10.00	13.00	
7	N River Road	Sleeping Indian Road to Via Puerta Del Sol	8,500	50	50	95.00	3.00	2.00	77.00	10.00	13.00	
8	N River Road	Via Puerta Del Sol to SR-76	8,500	50	50	95.00	3.00	2.00	77.00	10.00	13.00	
9	Frazee Road	Old Grove Road to SR-76	5,300	30	50	95.00	3.00	2.00	77.00	10.00	13.00	
10	Frazee Road	SR-76 to College Boulevard	6,200	35	50	95.00	3.00	2.00	77.00	10.00	13.00	
11	SR-76	N Coast Highway to I-5 SB Ramps	17,400	35	50	94.70	3.60	1.70	77.00	10.00	13.00	
12	SR-76	I-5 SB Ramps to I-5 NB Ramps	33,800	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
13	SR-76	I-5 NB Ramps to Loretta Street	53,000	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
14	SR-76	Loretta Street to Canyon Drive	53,000	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
15	SR-76	Canyon Drive to Foussat Road	51,000	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
16	SR-76	Foussat Road to Douglas Drive	51,000	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
17	SR-76	Douglas Drive to Rancho Del Oro Drive	47,500	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
18	SR-76	Rancho Del Oro Drive to Old Grove Road	44,000	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
19	SR-76	Old Grove Road to Frazee Road	47,000	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
20	SR-76	Frazee Road to Town Center Drive	47,000	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
21	SR-76	Town Center Drive to College Boulevard	47,000	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
22	SR-76	College Boulevard to N Santa Fe Avenue	47,500	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
23	SR-76	N Santa Fe Avenue to Guajome Lake Road	51,000	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
24	SR-76	Guajome Lake Road to Melrose Drive	51,000	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
25	SR-76	Melrose Drive to East Vista Way	51,000	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
26	SR-76	East Vista Way to N River Road	39,500	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
27	Mission Avenue	N Pacific Street to N Coast Highway	8,500	25	50	95.00	3.00	2.00	77.00	10.00	13.00	
28	Mission Avenue	N Coast Highway to N Clementine Street	10,000	25	50	95.00	3.00	2.00	77.00	10.00	13.00	

29	Mission Avenue	N Clementine Street to Horne Street	10,000	25	50	95.00	3.00	2.00	77.00	10.00	13.00
30	Mission Avenue	Horne Street to I-5 SB Ramps	22,300	30	50	95.00	3.00	2.00	77.00	10.00	13.00
31	Mission Avenue	I-5 SB Ramps to I-5 NB Ramps	28,900	30	50	95.00	3.00	2.00	77.00	10.00	13.00
32	Mission Avenue	I-5 NB Ramps to Canyon Drive	28,900	35	50	95.00	3.00	2.00	77.00	10.00	13.00
33	Mission Avenue	Canyon Drive to Mesa Drive	24,000	30	50	95.00	3.00	2.00	77.00	10.00	13.00
34	Mission Avenue	Mesa Drive to Foussat Road	22,900	50	50	95.00	3.00	2.00	77.00	10.00	13.00
35	Mission Avenue	Foussat Road to El Camino Real	23,800	45	50	95.00	3.00	2.00	77.00	10.00	13.00
36	Mission Avenue	El Camino Real to Douglas Drive	22,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00
37	Mission Avenue	Douglas Drive to Rancho Del Oro Drive	25,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00
38	Mission Avenue	Rancho Del Oro Drive to Old Grove Road	14,200	45	50	95.00	3.00	2.00	77.00	10.00	13.00
39	Mission Avenue	Old Grove Road to Frazee Road	10,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00
40	Mesa Drive	Mission Avenue to Foussat Road	4,400	30	50	95.00	3.00	2.00	77.00	10.00	13.00
41	Mesa Drive	Foussat Road to El Camino Real	5,400	40	50	95.00	3.00	2.00	77.00	10.00	13.00
42	Mesa Drive	El Camino Real to Rancho Del Oro Drive	14,800	45	50	95.00	3.00	2.00	77.00	10.00	13.00
43	Mesa Drive	Rancho Del Oro Drive to Ivey Ranch Road	12,800	45	50	95.00	3.00	2.00	77.00	10.00	13.00
44	Mesa Drive	Ivey Ranch Road to Via Rancho Road	11,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00
45	Mesa Drive	Via Rancho Road to Old Grove Road	14,300	45	50	95.00	3.00	2.00	77.00	10.00	13.00
46	Mesa Drive	Old Grove Road to College Boulevard	12,700	45	50	95.00	3.00	2.00	77.00	10.00	13.00
47	Mesa Drive	College Boulevard to N Santa Fe Drive	11,200	45	50	95.00	3.00	2.00	77.00	10.00	13.00
48	Seagaze Drive	S Coast Highway to S Clementine Street	4,400	25	50	95.00	3.00	2.00	77.00	10.00	13.00
49	Seagaze Drive	S Clementine Street to Horne Street	4,400	25	50	95.00	3.00	2.00	77.00	10.00	13.00
50	Oceanside Boulevard	S Pacific Street to S Coast Highway	5,400	25	50	95.00	3.00	2.00	77.00	10.00	13.00
51	Oceanside Boulevard	S Coast Highway to I-5 SB Ramps	21,700	35	50	95.00	3.00	2.00	77.00	10.00	13.00
52	Oceanside Boulevard	I-5 SB Ramps to I-5 NB Ramps	26,500	35	50	95.00	3.00	2.00	77.00	10.00	13.00
53	Oceanside Boulevard	I-5 NB Ramps to Goat Hill Drive	31,300	35	50	95.00	3.00	2.00	77.00	10.00	13.00
54	Oceanside Boulevard	Goat Hill Drive to Crouch Street	29,800	35	50	95.00	3.00	2.00	77.00	10.00	13.00
55	Oceanside Boulevard	Crouch Street to Foussat Road	31,300	40	50	95.00	3.00	2.00	77.00	10.00	13.00
56	Oceanside Boulevard	Foussat Road to El Camino Real	26,500	40	50	95.00	3.00	2.00	77.00	10.00	13.00
57	Oceanside Boulevard	El Camino Real to Rancho Del Oro Drive	29,900	55	50	95.00	3.00	2.00	77.00	10.00	13.00
58	Oceanside Boulevard	Rancho Del Oro Drive to College Boulevard	29,700	55	50	95.00	3.00	2.00	77.00	10.00	13.00
59	Oceanside Boulevard	College Boulevard to Arroyo Avenue	25,400	50	50	95.00	3.00	2.00	77.00	10.00	13.00
60	Oceanside Boulevard	Arroyo Avenue to Temple Heights Drive	25,400	50	50	95.00	3.00	2.00	77.00	10.00	13.00
61	Oceanside Boulevard	Temple Heights Drive to N Melrose Drive	25,400	50	50	95.00	3.00	2.00	77.00	10.00	13.00
62	Oceanside Boulevard	N Melrose Drive to Eastern City Limits	17,800	40	50	95.00	3.00	2.00	77.00	10.00	13.00
63	Vista Way	Coast Highway to I-5 SB Ramps	18,000	30	50	95.00	3.00	2.00	77.00	10.00	13.00
64	Vista Way	Jefferson Street to El Camino Real	23,200	35	50	95.00	3.00	2.00	77.00	10.00	13.00
65	Vista Way	El Camino Real to Rancho Del Oro Drive	25,500	45	50	95.00	3.00	2.00	77.00	10.00	13.00
66	Vista Way	Rancho Del Oro Drive to College Boulevard	24,600	40	50	95.00	3.00	2.00	77.00	10.00	13.00
67	Vista Way	College Boulevard to SR-78 WB Ramps	28,300	35	50	95.00	3.00	2.00	77.00	10.00	13.00
68	Vista Way	SR-78 WB Ramps to Thunder Drive	19,000	35	50	95.00	3.00	2.00	77.00	10.00	13.00
69	Plaza Drive	College Boulevard to SR-78 EB Ramps	21,000	35	50	95.00	3.00	2.00	77.00	10.00	13.00
70	Plaza Drive	SR-78 EB Ramps to Thunder Drive	13,200	35	50	95.00	3.00	2.00	77.00	10.00	13.00
71	Marron Road	Western City Limit to College Boulevard	13,300	25	50	95.00	3.00	2.00	77.00	10.00	13.00
72	Lake Boulevard	College Boulevard to Thunder Drive	14,900	35	50	95.00	3.00	2.00	77.00	10.00	13.00
73	Lake Boulevard	Thunder Drive to Sundown Lane	14,800	35	50	95.00	3.00	2.00	77.00	10.00	13.00
74	Lake Boulevard	Sundown Lane to Sky Haven Lane	14,800	35	50	95.00	3.00	2.00	77.00	10.00	13.00
75	Lake Boulevard	Sky Haven Lane to Alameda Drive	13,400	45	50	95.00	3.00	2.00	77.00	10.00	13.00
76	Lake Boulevard	Alameda Drive to Cannon Road	13,700	45	50	95.00	3.00	2.00	77.00	10.00	13.00
77	Cannon Road	Western Terminus to Melrose Drive	13,400	40	50	95.00	3.00	2.00	77.00	10.00	13.00
78	N Coast Highway	Northern City Limit to SR-76	12,000	25	50	95.00	3.00	2.00	77.00	10.00	13.00
79	N Coast Highway	SR-76 to Mission Avenue	18,300	25	50	95.00	3.00	2.00	77.00	10.00	13.00
80	N Coast Highway	Mission Avenue to Seagaze Drive	24,300	25	50	95.00	3.00	2.00	77.00	10.00	13.00
81	S Coast Highway	Seagaze Drive to Wisconsin Avenue	24,300	25	50	95.00	3.00	2.00	77.00	10.00	13.00
82	S Coast Highway	Wisconsin Avenue to Oceanside Boulevard	22,100	35	50	95.00	3.00	2.00	77.00	10.00	13.00
83	S Coast Highway	Oceanside Boulevard to Morse Street	20,400	35	50	95.00	3.00	2.00	77.00	10.00	13.00
84	S Coast Highway	Morse Street to Vista Way	19,600	35	50	95.00	3.00	2.00	77.00	10.00	13.00
85	S Coast Highway	Vista Way to Southern City Limit	17,900	35	50	95.00	3.00	2.00	77.00	10.00	13.00

86	Horne Street	Civic Center Drive to Pier View Way	5,900	25	50	95.00	3.00	2.00	77.00	10.00	13.00
87	Horne Street	Pier View Way to Mission Avenue	9,400	25	50	95.00	3.00	2.00	77.00	10.00	13.00
88	Horne Street	Mission Avenue to Seagaze Drive	5,000	25	50	95.00	3.00	2.00	77.00	10.00	13.00
89	Canyon Drive	SR-76 to Mission Ave	9,200	45	50	95.00	3.00	2.00	77.00	10.00	13.00
90	Canyon Drive	Mission Avenue to Oceanside Boulevard	8,100	35	50	95.00	3.00	2.00	77.00	10.00	13.00
91	Crouch Street	Canyon Drive to Oceanside Boulevard	7,100	30	50	95.00	3.00	2.00	77.00	10.00	13.00
92	Crouch Street	Oceanside Boulevard to Skylark Drive	10,900	25	50	95.00	3.00	2.00	77.00	10.00	13.00
93	Crouch Street	Skylark Drive to Grandview Street	5,450	25	50	95.00	3.00	2.00	77.00	10.00	13.00
94	Foussat Road	Alex Road to SR-76	6,300	40	50	95.00	3.00	2.00	77.00	10.00	13.00
95	Foussat Road	SR-76 to Mission Ave	10,000	40	50	95.00	3.00	2.00	77.00	10.00	13.00
96	Foussat Road	Mission Avenue to Oceanside Boulevard	7,300	25	50	95.00	3.00	2.00	77.00	10.00	13.00
97	Jefferson Street	Vista Way to SR-78 WB Ramps	16,200	40	50	95.00	3.00	2.00	77.00	10.00	13.00
98	Jefferson Street	SR-78 WB Ramps to SR-78 EB Ramps	27,100	40	50	95.00	3.00	2.00	77.00	10.00	13.00
99	Jefferson Street	SR-78 EB Ramps to Southern City Limits	11,000	40	50	95.00	3.00	2.00	77.00	10.00	13.00
100	El Camino Real	Douglas Drive to Mission Ave	22,600	35	50	95.00	3.00	2.00	77.00	10.00	13.00
101	El Camino Real	Mission Avenue to Mesa Drive	25,200	45	50	95.00	3.00	2.00	77.00	10.00	13.00
102	El Camino Real	Mesa Drive to Oceanside Boulevard	38,300	45	50	95.00	3.00	2.00	77.00	10.00	13.00
103	El Camino Real	Oceanside Boulevard to Fire Mountain Drive	42,600	45	50	95.00	3.00	2.00	77.00	10.00	13.00
104	El Camino Real	Fire Mountain Drive to Via Las Rosas	42,600	45	50	95.00	3.00	2.00	77.00	10.00	13.00
105	El Camino Real	Via Las Rosas to Vista Way	43,700	45	50	95.00	3.00	2.00	77.00	10.00	13.00
106	El Camino Real	Vista Way to SR-78 WB Ramps	52,000	40	50	95.00	3.00	2.00	77.00	10.00	13.00
107	El Camino Real	SR-78 WB Ramps to SR-78 EB Ramps	46,900	40	50	95.00	3.00	2.00	77.00	10.00	13.00
108	Douglas Drive	Vandegrift Boulevard to Via Malaguena	7,900	45	50	95.00	3.00	2.00	77.00	10.00	13.00
109	Douglas Drive	Via Malaguena to Cardiff Bay Drive	7,900	45	50	95.00	3.00	2.00	77.00	10.00	13.00
110	Douglas Drive	Cardiff Bay Drive to Festival Drive	10,500	45	50	95.00	3.00	2.00	77.00	10.00	13.00
111	Douglas Drive	Festival Drive to N River Road	10,500	45	50	95.00	3.00	2.00	77.00	10.00	13.00
112	Douglas Drive	N River Road to Old River Street	35,100	50	50	95.00	3.00	2.00	77.00	10.00	13.00
113	Douglas Drive	Old River Street to Pala Road	33,800	50	50	95.00	3.00	2.00	77.00	10.00	13.00
114	Douglas Drive	Pala Road to El Camino Real	35,000	50	50	95.00	3.00	2.00	77.00	10.00	13.00
115	Douglas Drive	El Camino Real to Mission Ave	24,700	40	50	95.00	3.00	2.00	77.00	10.00	13.00
116	Douglas Drive	Mission Avenue to SR-76	24,700	40	50	95.00	3.00	2.00	77.00	10.00	13.00
117	Rancho Del Oro Drive	Mission Avenue to SR-76	8,900	45	50	95.00	3.00	2.00	77.00	10.00	13.00
118	Rancho Del Oro Drive	SR-76 to Mesa Drive	16,100	45	50	95.00	3.00	2.00	77.00	10.00	13.00
119	Rancho Del Oro Drive	Mesa Drive to Ocean Ranch Boulevard	15,100	50	50	95.00	3.00	2.00	77.00	10.00	13.00
120	Rancho Del Oro Drive	Ocean Ranch Boulevard to Senior Center Drive	17,200	50	50	95.00	3.00	2.00	77.00	10.00	13.00
121	Rancho Del Oro Drive	Senior Center Drive to Oceanside Boulevard	18,200	50	50	95.00	3.00	2.00	77.00	10.00	13.00
122	Rancho Del Oro Drive	Oceanside Boulevard to Vista Del Oro Drive	13,400	45	50	95.00	3.00	2.00	77.00	10.00	13.00
123	Rancho Del Oro Drive	Vista Del Oro Drive to Vista Way	13,400	45	50	95.00	3.00	2.00	77.00	10.00	13.00
124	Rancho Del Oro Drive	Vista Way to SR-78	0	35	50		3.00	2.00	77.00	10.00	
125	Old Grove Road	Frazee Road to SR-76	7,500	40	50	95.00	3.00	2.00	77.00	10.00	13.00
126	Old Grove Road	SR-76 to Mission Avenue	10,800	40	50	95.00	3.00	2.00	77.00	10.00	13.00
127	Old Grove Road	Mission Avenue to Mesa Drive	11,900	40	50	95.00	3.00	2.00	77.00	10.00	13.00
128	Old Grove Road	Mesa Drive to College Boulevard	15,100	35	50	95.00	3.00	2.00	77.00	10.00	13.00
129	Vandegrift Boulevard	Northern City Limit to Douglas Drive	21,700	55	50	95.00	3.00	2.00	77.00	10.00	13.00
130	Vandegrift Boulevard	Douglas Drive to N River Road	28,500	55	50	95.00	3.00	2.00	77.00	10.00	13.00
131	College Boulevard	N River Road to Adams Street	46,000	40	50	95.00	3.00	2.00	77.00	10.00	13.00
132	College Boulevard	Adams Street to SR-76	46,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00
133	College Boulevard	SR-76 to Frazee Road	30,300	50	50	95.00	3.00	2.00	77.00	10.00	13.00
134	College Boulevard	Frazee Road to Mesa Drive	32,700	50	50	95.00	3.00	2.00	77.00	10.00	13.00
135	College Boulevard	Mesa Drive to Old Grove Road	29,900	50	50	95.00	3.00	2.00	77.00	10.00	13.00
136	College Boulevard	Old Grove Road to Avenida De La Plata	38,300	45	50	95.00	3.00	2.00	77.00	10.00	13.00
137	College Boulevard	Avenida De La Plata to Oceanside Boulevard	38,200	45	50	95.00	3.00	2.00	77.00	10.00	13.00
138	College Boulevard	Oceanside Boulevard to Olive Avenue	50,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00
139	College Boulevard	Olive Drive to Thunder Drive	36,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00
140	College Boulevard	Thunder Drive to Marvin Street	31,800	45	50	95.00	3.00	2.00	77.00	10.00	13.00
141	College Boulevard	Marvin Street to Waring Road	32,800	50	50	95.00	3.00	2.00	77.00	10.00	13.00
142	College Boulevard	Waring Road to Vista Way	44,300	35	50	95.00	3.00	2.00	77.00	10.00	13.00

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143	College Boulevard	Vista Way to SR-78 EB Off-Ramp	58,500	35	50	95.00	3.00	2.00	77.00	10.00	13.00
144	College Boulevard	SR-78 EB Off-Ramp to Haymar Drive / Plaza Drive	55,800	35	50	95.00	3.00	2.00	77.00	10.00	13.00
145	College Boulevard	Plaza Drive to Lake Boulevard	40,800	35	50	95.00	3.00	2.00	77.00	10.00	13.00
146	College Boulevard	Lake Boulevard to Southern City Limits	40,500	45	50	95.00	3.00	2.00	77.00	10.00	13.00
147	Wilshire Road	Northern Terminus to N River Road	1,700	35	50	95.00	3.00	2.00	77.00	10.00	13.00
148	N Santa Fe Avenue	SR-76 to Mesa Drive	24,600	50	50	95.00	3.00	2.00	77.00	10.00	13.00
149	N Santa Fe Avenue	Mesa Drive to N Melrose Drive	26,300	50	50	95.00	3.00	2.00	77.00	10.00	13.00
150	N Santa Fe Avenue	N Melrose Drive to Eastern City Limits	15,400	45	50	95.00	3.00	2.00	77.00	10.00	13.00
151	Melrose Drive	Northern terminus to SR-76	3,900	40	50	95.00	3.00	2.00	77.00	10.00	13.00
152	Melrose Drive	SR-76 to Old Ranch Road	9,700	40	50	95.00	3.00	2.00	77.00	10.00	13.00
153	Melrose Drive	Old Ranch Road to Spur Avenue	9,700	40	50	95.00	3.00	2.00	77.00	10.00	13.00
154	Melrose Drive	N Santa Fe Drive to Sagewood Drive	17,800	45	50	95.00	3.00	2.00	77.00	10.00	13.00
155	Melrose Drive	Sagewood Drive to Meadowbrook Drive	18,800	45	50	95.00	3.00	2.00	77.00	10.00	13.00
156	Melrose Drive	Meadowbrook Drive to Oceanside Boulevard	20,600	45	50	95.00	3.00	2.00	77.00	10.00	13.00
157	Melrose Drive	Oceanside Boulevard to Southern City Limits	20,200	45	50	95.00	3.00	2.00	77.00	10.00	13.00
158	Sleeping Indian Road	Northern City Limit to N River Road	2,200	35	50	95.00	3.00	2.00	77.00	10.00	13.00

FHWA RD-77-108
Traffic Noise Prediction Model

Predicted Noise Levels

Project Name : Oceanside GPU
Project Number : 9550
Modeled Condition : Roads - Baseline Year 2016
Assessment Metric: Hard

Segment	Roadway	Segment	Noise Levels, dBA Hard				Distance to Traffic Noise Level Contours, Feet					
			Auto	MT	HT	Total	75 dB	70 dB	65 dB	60 dB	55 dB	50 dB
1	N River Road	Douglas Drive to College Boulevard	71.1	64.4	67.1	73	33	104	330	1,045	3,303	10,446
2	N River Road	College Boulevard to Vandegrift Boulevard	73.5	66.7	69.5	76	57	182	574	1,815	5,741	18,154
3	N River Road	Vandegrift Boulevard to North River Circle	69.3	62.5	65.2	71	21	67	213	674	2,133	6,745
4	N River Road	North River Circle to Stallion Drive	70.5	63.1	65.6	72	26	83	262	830	2,624	8,298
5	N River Road	Stallion Drive to Wilshire Road	69.2	61.9	64.3	71	20	63	199	629	1,991	6,295
6	N River Road	Wilshire Road to Sleeping Indian Road	69.2	61.8	64.2	71	19	62	195	615	1,945	6,151
7	N River Road	Sleeping Indian Road to Via Puerta Del Sol	68.1	60.8	63.2	70	15	49	155	489	1,545	4,886
8	N River Road	Via Puerta Del Sol to SR-76	68.1	60.8	63.2	70	15	49	155	489	1,545	4,886
9	Frazee Road	Old Grove Road to SR-76	59.7	55.2	60.6	64	4	12	38	120	379	1,199
10	Frazee Road	SR-76 to College Boulevard	62.3	57.0	60.4	65	5	17	52	166	524	1,656
11	SR-76	N Coast Highway to I-5 SB Ramps	66.8	62.2	64.2	70	14	46	144	456	1,442	4,560
12	SR-76	I-5 SB Ramps to I-5 NB Ramps	75.3	68.2	68.9	77	76	239	757	2,393	7,568	23,932
13	SR-76	I-5 NB Ramps to Loretta Street	77.2	70.1	70.8	79	120	379	1,199	3,793	11,994	37,929
14	SR-76	Loretta Street to Canyon Drive	77.2	70.1	70.8	79	120	379	1,199	3,793	11,994	37,929
15	SR-76	Canyon Drive to Foussat Road	77.1	70.0	70.7	79	115	362	1,145	3,622	11,454	36,222
16	SR-76	Foussat Road to Douglas Drive	77.1	70.0	70.7	79	115	362	1,145	3,622	11,454	36,222
17	SR-76	Douglas Drive to Rancho Del Oro Drive	76.8	69.7	70.4	78	107	338	1,069	3,380	10,690	33,804
18	SR-76	Rancho Del Oro Drive to Old Grove Road	76.4	69.3	70.0	78	100	315	998	3,155	9,976	31,548
19	SR-76	Old Grove Road to Frazee Road	76.7	69.6	70.3	78	107	338	1,069	3,380	10,690	33,804
20	SR-76	Frazee Road to Town Center Drive	76.7	69.6	70.3	78	107	338	1,069	3,380	10,690	33,804
21	SR-76	Town Center Drive to College Boulevard	76.7	69.6	70.3	78	107	338	1,069	3,380	10,690	33,804
22	SR-76	College Boulevard to N Santa Fe Avenue	76.8	69.7	70.4	78	107	338	1,069	3,380	10,690	33,804
23	SR-76	N Santa Fe Avenue to Guajome Lake Road	77.1	70.0	70.7	79	115	362	1,145	3,622	11,454	36,222
24	SR-76	Guajome Lake Road to Melrose Drive	77.1	70.0	70.7	79	115	362	1,145	3,622	11,454	36,222
25	SR-76	Melrose Drive to East Vista Way	77.1	70.0	70.7	79	115	362	1,145	3,622	11,454	36,222
26	SR-76	East Vista Way to N River Road	76.0	68.9	69.6	78	89	281	889	2,812	8,891	28,117
27	Mission Avenue	N Pacific Street to N Coast Highway	59.5	56.1	61.9	65	4	14	45	141	446	1,409
28	Mission Avenue	N Coast Highway to N Clementine Street	60.2	56.8	62.6	65	5	17	52	166	524	1,656
29	Mission Avenue	N Clementine Street to Horne Street	60.2	56.8	62.6	65	5	17	52	166	524	1,656
30	Mission Avenue	Horne Street to I-5 SB Ramps	65.9	61.5	66.9	70	16	51	162	512	1,618	5,116
31	Mission Avenue	I-5 SB Ramps to I-5 NB Ramps	67.0	62.6	68.0	71	21	66	208	659	2,084	6,591
32	Mission Avenue	I-5 NB Ramps to Canyon Drive	69.0	63.7	67.1	72	24	77	245	774	2,449	7,744
33	Mission Avenue	Canyon Drive to Mesa Drive	66.2	61.8	67.2	70	17	55	173	548	1,734	5,482
34	Mission Avenue	Mesa Drive to Foussat Road	72.4	65.1	67.5	74	42	132	416	1,315	4,159	13,151
35	Mission Avenue	Foussat Road to El Camino Real	71.3	64.5	67.3	73	34	107	338	1,069	3,380	10,690
36	Mission Avenue	El Camino Real to Douglas Drive	70.9	64.2	66.9	73	32	100	315	998	3,155	9,976
37	Mission Avenue	Douglas Drive to Rancho Del Oro Drive	71.5	64.7	67.5	74	35	112	354	1,119	3,540	11,194
38	Mission Avenue	Rancho Del Oro Drive to Old Grove Road	69.0	62.3	65.0	71	20	64	204	644	2,037	6,441
39	Mission Avenue	Old Grove Road to Frazee Road	67.5	60.8	63.5	70	14	46	144	456	1,442	4,560
40	Mesa Drive	Mission Avenue to Foussat Road	58.9	54.4	59.8	63	3	10	32	100	315	998
41	Mesa Drive	Foussat Road to El Camino Real	63.4	57.3	60.3	66	6	19	60	190	601	1,901
42	Mesa Drive	El Camino Real to Rancho Del Oro Drive	69.2	62.5	65.2	71	21	67	213	674	2,133	6,745
43	Mesa Drive	Rancho Del Oro Drive to Ivey Ranch Road	68.6	61.8	64.6	71	18	57	182	574	1,815	5,741
44	Mesa Drive	Ivey Ranch Road to Via Rancho Road	67.9	61.2	63.9	70	16	50	158	500	1,581	5,000
45	Mesa Drive	Via Rancho Road to Old Grove Road	69.1	62.3	65.0	71	20	64	204	644	2,037	6,441

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46	Mesa Drive	Old Grove Road to College Boulevard	68.5	61.8	64.5	71	18	57	182	574	1,815	5,741
47	Mesa Drive	College Boulevard to N Santa Fe Drive	68.0	61.2	64.0	70	16	51	162	512	1,618	5,116
48	Seagaze Drive	S Coast Highway to S Clementine Street	56.6	53.2	59.1	62	2	7	23	74	234	740
49	Seagaze Drive	S Clementine Street to Horne Street	56.6	53.2	59.1	62	2	7	23	74	234	740
50	Oceanside Boulevard	S Pacific Street to S Coast Highway	57.5	54.1	60.0	63	3	9	29	91	288	910
51	Oceanside Boulevard	S Coast Highway to I-5 SB Ramps	67.7	62.4	65.8	71	18	57	182	574	1,815	5,741
52	Oceanside Boulevard	I-5 SB Ramps to I-5 NB Ramps	68.6	63.3	66.7	72	22	71	223	706	2,233	7,063
53	Oceanside Boulevard	I-5 NB Ramps to Goat Hill Drive	69.3	64.0	67.4	72	26	83	262	830	2,624	8,298
54	Oceanside Boulevard	Goat Hill Drive to Crouch Street	69.1	63.8	67.2	72	25	79	251	792	2,506	7,924
55	Oceanside Boulevard	Crouch Street to Foussat Road	71.0	64.9	68.0	73	35	109	346	1,094	3,459	10,939
56	Oceanside Boulevard	Foussat Road to El Camino Real	70.3	64.2	67.3	73	29	93	294	931	2,944	9,310
57	Oceanside Boulevard	El Camino Real to Rancho Del Oro Drive	74.8	66.9	69.0	76	67	213	674	2,133	6,745	21,329
58	Oceanside Boulevard	Rancho Del Oro Drive to College Boulevard	74.7	66.8	69.0	76	67	213	674	2,133	6,745	21,329
59	Oceanside Boulevard	College Boulevard to Arroyo Avenue	72.9	65.5	68.0	75	47	148	467	1,476	4,666	14,756
60	Oceanside Boulevard	Arroyo Avenue to Temple Heights Drive	72.9	65.5	68.0	75	47	148	467	1,476	4,666	14,756
61	Oceanside Boulevard	Temple Heights Drive to N Melrose Drive	72.9	65.5	68.0	75	47	148	467	1,476	4,666	14,756
62	Oceanside Boulevard	N Melrose Drive to Eastern City Limits	68.5	62.5	65.5	71	20	63	199	629	1,991	6,295
63	Vista Way	Coast Highway to I-5 SB Ramps	65.0	60.6	65.9	69	13	41	129	406	1,285	4,064
64	Vista Way	Jefferson Street to El Camino Real	68.0	62.7	66.1	71	19	62	195	615	1,945	6,151
65	Vista Way	El Camino Real to Rancho Del Oro Drive	71.6	64.8	67.6	74	36	115	362	1,145	3,622	11,454
66	Vista Way	Rancho Del Oro Drive to College Boulevard	69.9	63.9	66.9	72	27	87	275	869	2,748	8,689
67	Vista Way	College Boulevard to SR-78 WB Ramps	68.9	63.6	67.0	72	24	76	239	757	2,393	7,568
68	Vista Way	SR-78 WB Ramps to Thunder Drive	67.2	61.8	65.3	70	16	50	158	500	1,581	5,000
69	Plaza Drive	College Boulevard to SR-78 EB Ramps	67.6	62.3	65.7	71	18	56	177	561	1,774	5,610
70	Plaza Drive	SR-78 EB Ramps to Thunder Drive	65.6	60.3	63.7	69	11	35	112	354	1,119	3,540
71	Marron Road	Western City Limit to College Boulevard	61.4	58.0	63.9	67	7	22	71	223	706	2,233
72	Lake Boulevard	College Boulevard to Thunder Drive	66.1	60.8	64.2	69	13	40	126	397	1,256	3,972
73	Lake Boulevard	Thunder Drive to Sundown Lane	66.1	60.8	64.2	69	13	40	126	397	1,256	3,972
74	Lake Boulevard	Sundown Lane to Sky Haven Lane	66.1	60.8	64.2	69	13	40	126	397	1,256	3,972
75	Lake Boulevard	Sky Haven Lane to Alameda Drive	68.8	62.0	64.8	71	19	60	190	601	1,901	6,011
76	Lake Boulevard	Alameda Drive to Cannon Road	68.9	62.1	64.9	71	19	62	195	615	1,945	6,151
77	Cannon Road	Western Terminus to Melrose Drive	67.3	61.2	64.3	70	15	47	148	467	1,476	4,666
78	N Coast Highway	Northern City Limit to SR-76	60.9	57.6	63.4	66	6	20	63	199	629	1,991
79	N Coast Highway	SR-76 to Mission Avenue	62.8	59.4	65.3	68	10	31	97	308	975	3,083
80	N Coast Highway	Mission Avenue to Seagaze Drive	64.0	60.6	66.5	69	13	41	129	406	1,285	4,064
81	S Coast Highway	Seagaze Drive to Wisconsin Avenue	64.0	60.6	66.5	69	13	41	129	406	1,285	4,064
82	S Coast Highway	Wisconsin Avenue to Oceanside Boulevard	67.8	62.5	65.9	71	19	59	186	587	1,858	5,874
83	S Coast Highway	Oceanside Boulevard to Morse Street	67.5	62.1	65.6	70	17	54	169	536	1,694	5,358
84	S Coast Highway	Morse Street to Vista Way	67.3	62.0	65.4	70	17	52	166	524	1,656	5,236
85	S Coast Highway	Vista Way to Southern City Limit	66.9	61.6	65.0	70	15	48	151	477	1,510	4,775
86	Horne Street	Civic Center Drive to Pier View Way	57.9	54.5	60.3	63	3	10	32	100	315	998
87	Horne Street	Pier View Way to Mission Avenue	59.9	56.5	62.4	65	5	16	50	158	500	1,581
88	Horne Street	Mission Avenue to Seagaze Drive	57.1	53.8	59.6	62	3	8	26	83	262	830
89	Canyon Drive	SR-76 to Mission Ave	67.1	60.4	63.1	69	13	42	132	416	1,315	4,159
90	Canyon Drive	Mission Avenue to Oceanside Boulevard	63.4	58.1	61.6	66	7	21	67	213	674	2,133
91	Crouch Street	Canyon Drive to Oceanside Boulevard	60.9	56.5	61.9	65	5	16	51	162	512	1,618
92	Crouch Street	Oceanside Boulevard to Skylark Drive	60.5	57.1	63.0	66	6	18	57	182	574	1,815
93	Crouch Street	Skylark Drive to Grandview Street	57.5	54.1	60.0	63	3	9	29	91	288	910
94	Foussat Road	Alex Road to SR-76	64.0	57.9	61.0	66	7	22	69	218	690	2,183
95	Foussat Road	SR-76 to Mission Ave	66.0	60.0	63.0	69	11	35	112	354	1,119	3,540
96	Foussat Road	Mission Avenue to Oceanside Boulevard	58.8	55.4	61.3	64	4	12	39	123	388	1,227
97	Jefferson Street	Vista Way to SR-78 WB Ramps	68.1	62.0	65.1	71	18	57	182	574	1,815	5,741
98	Jefferson Street	SR-78 WB Ramps to SR-78 EB Ramps	70.4	64.3	67.3	73	30	95	301	953	3,013	9,527
99	Jefferson Street	SR-78 EB Ramps to Southern City Limits	66.4	60.4	63.4	69	12	39	123	388	1,227	3,881
100	El Camino Real	Douglas Drive to Mission Ave	67.9	62.6	66.0	71	19	60	190	601	1,901	6,011
101	El Camino Real	Mission Avenue to Mesa Drive	71.5	64.8	67.5	74	36	115	362	1,145	3,622	11,454
102	El Camino Real	Mesa Drive to Oceanside Boulevard	73.3	66.6	69.3	75	55	173	548	1,734	5,482	17,337

103	El Camino Real	Oceanside Boulevard to Fire Mountain Drive	73.8	67.0	69.8	76	62	195	615	1,945	6,151	19,452
104	El Camino Real	Fire Mountain Drive to Via Las Rosas	73.8	67.0	69.8	76	62	195	615	1,945	6,151	19,452
105	El Camino Real	Via Las Rosas to Vista Way	73.9	67.2	69.9	76	63	199	629	1,991	6,295	19,905
106	El Camino Real	Vista Way to SR-78 WB Ramps	73.2	67.1	70.2	76	57	182	574	1,815	5,741	18,154
107	El Camino Real	SR-78 WB Ramps to SR-78 EB Ramps	72.7	66.7	69.7	75	52	166	524	1,656	5,236	16,557
108	Douglas Drive	Vandegrift Boulevard to Via Malaguena	66.5	59.7	62.5	69	11	35	112	354	1,119	3,540
109	Douglas Drive	Via Malaguena to Cardiff Bay Drive	66.5	59.7	62.5	69	11	35	112	354	1,119	3,540
110	Douglas Drive	Cardiff Bay Drive to Festival Drive	67.7	61.0	63.7	70	15	48	151	477	1,510	4,775
111	Douglas Drive	Festival Drive to N River Road	67.7	61.0	63.7	70	15	48	151	477	1,510	4,775
112	Douglas Drive	N River Road to Old River Street	74.3	66.9	69.4	76	64	204	644	2,037	6,441	20,369
113	Douglas Drive	Old River Street to Pala Road	74.1	66.8	69.2	76	62	195	615	1,945	6,151	19,452
114	Douglas Drive	Pala Road to El Camino Real	74.3	66.9	69.3	76	63	199	629	1,991	6,295	19,905
115	Douglas Drive	El Camino Real to Mission Ave	70.0	63.9	66.9	72	27	87	275	869	2,748	8,689
116	Douglas Drive	Mission Avenue to SR-76	70.0	63.9	66.9	72	27	87	275	869	2,748	8,689
117	Rancho Del Oro Drive	Mission Avenue to SR-76	67.0	60.2	63.0	69	13	41	129	406	1,285	4,064
118	Rancho Del Oro Drive	SR-76 to Mesa Drive	69.6	62.8	65.6	72	23	72	229	723	2,285	7,227
119	Rancho Del Oro Drive	Mesa Drive to Ocean Ranch Boulevard	70.6	63.3	65.7	72	27	87	275	869	2,748	8,689
120	Rancho Del Oro Drive	Ocean Ranch Boulevard to Senior Center Drive	71.2	63.8	66.3	73	32	100	315	998	3,155	9,976
121	Rancho Del Oro Drive	Senior Center Drive to Oceanside Boulevard	71.4	64.1	66.5	73	33	104	330	1,045	3,303	10,446
122	Rancho Del Oro Drive	Oceanside Boulevard to Vista Del Oro Drive	68.8	62.0	64.8	71	19	60	190	601	1,901	6,011
123	Rancho Del Oro Drive	Vista Del Oro Drive to Vista Way	68.8	62.0	64.8	71	19	60	190	601	1,901	6,011
124	Rancho Del Oro Drive	Vista Way to SR-78										
125	Old Grove Road	Frazee Road to SR-76	64.8	58.7	61.8	67	8	26	83	262	830	2,624
126	Old Grove Road	SR-76 to Mission Avenue	66.4	60.3	63.4	69	12	38	120	379	1,199	3,793
127	Old Grove Road	Mission Avenue to Mesa Drive	66.8	60.7	63.8	69	13	42	132	416	1,315	4,159
128	Old Grove Road	Mesa Drive to College Boulevard	66.2	60.8	64.3	69	13	40	126	397	1,256	3,972
129	Vandegrift Boulevard	Northern City Limit to Douglas Drive	73.4	65.5	67.7	75	49	155	489	1,545	4,886	15,451
130	Vandegrift Boulevard	Douglas Drive to N River Road	74.6	66.7	68.8	76	64	204	644	2,037	6,441	20,369
131	College Boulevard	N River Road to Adams Street	72.7	66.6	69.6	75	51	162	512	1,618	5,116	16,180
132	College Boulevard	Adams Street to SR-76	74.1	67.4	70.1	76	66	208	659	2,084	6,591	20,843
133	College Boulevard	SR-76 to Frazee Road	73.6	66.3	68.7	75	55	173	548	1,734	5,482	17,337
134	College Boulevard	Frazee Road to Mesa Drive	74.0	66.6	69.1	76	59	186	587	1,858	5,874	18,577
135	College Boulevard	Mesa Drive to Old Grove Road	73.6	66.2	68.7	75	55	173	548	1,734	5,482	17,337
136	College Boulevard	Old Grove Road to Avenida De La Plata	73.3	66.6	69.3	75	55	173	548	1,734	5,482	17,337
137	College Boulevard	Avenida De La Plata to Oceanside Boulevard	73.3	66.6	69.3	75	55	173	548	1,734	5,482	17,337
138	College Boulevard	Oceanside Boulevard to Olive Avenue	74.5	67.7	70.5	77	72	229	723	2,285	7,227	22,854
139	College Boulevard	Olive Drive to Thunder Drive	73.1	66.3	69.1	75	51	162	512	1,618	5,116	16,180
140	College Boulevard	Thunder Drive to Marvin Street	72.5	65.8	68.5	75	46	144	456	1,442	4,560	14,420
141	College Boulevard	Marvin Street to Waring Road	74.0	66.6	69.1	76	60	190	601	1,901	6,011	19,009
142	College Boulevard	Waring Road to Vista Way	70.8	65.5	68.9	74	37	117	371	1,172	3,707	11,721
143	College Boulevard	Vista Way to SR-78 EB Off-Ramp	72.0	66.7	70.2	75	49	155	489	1,545	4,886	15,451
144	College Boulevard	SR-78 EB Off-Ramp to Haymar Drive / Plaza Drive	71.8	66.5	70.0	75	47	148	467	1,476	4,666	14,756
145	College Boulevard	Plaza Drive to Lake Boulevard	70.5	65.2	68.6	73	35	109	346	1,094	3,459	10,939
146	College Boulevard	Lake Boulevard to Southern City Limits	73.6	66.8	69.6	76	57	182	574	1,815	5,741	18,154
147	Wilshire Road	Northern Terminus to N River Road	56.7	51.4	54.8	60	1	5	14	46	144	456
148	N Santa Fe Avenue	SR-76 to Mesa Drive	72.7	65.4	67.8	75	45	141	446	1,409	4,456	14,092
149	N Santa Fe Avenue	Mesa Drive to N Melrose Drive	73.0	65.7	68.1	75	48	151	477	1,510	4,775	15,100
150	N Santa Fe Avenue	N Melrose Drive to Eastern City Limits	69.4	62.6	65.4	71	22	69	218	690	2,183	6,902
151	Melrose Drive	Northern terminus to SR-76	61.9	55.9	58.9	64	4	14	44	138	435	1,377
152	Melrose Drive	SR-76 to Old Ranch Road	65.9	59.8	62.9	68	11	34	107	338	1,069	3,380
153	Melrose Drive	Old Ranch Road to Spur Avenue	65.9	59.8	62.9	68	11	34	107	338	1,069	3,380
154	Melrose Drive	N Santa Fe Drive to Sagewood Drive	70.0	63.3	66.0	72	26	81	256	811	2,564	8,109
155	Melrose Drive	Sagewood Drive to Meadowbrook Drive	70.2	63.5	66.2	72	27	85	269	849	2,685	8,491
156	Melrose Drive	Meadowbrook Drive to Oceanside Boulevard	70.6	63.9	66.6	73	29	93	294	931	2,944	9,310
157	Melrose Drive	Oceanside Boulevard to Southern City Limits	70.6	63.8	66.5	73	29	91	288	910	2,877	9,099
158	Sleeping Indian Road	Northern City Limit to N River Road	57.8	52.5	55.9	61	2	6	19	59	186	587

FHWA RD-77-108
Traffic Noise Prediction Model

Data Input Sheet

Project Name : Oceanside GPU
Project Number : 9550
Modeled Condition : Roads - Adopted General Plan 2050

Surface Refelction: CNEL
Assessment Metric: Hard
Peak ratio to ADT: 10.00
Traffic Desc. (Peak or ADT) : ADT

Segment	Roadway	Segment	Traffic Vol.	Speed	Distance	% Autos	%MT	% HT	Day %	Eve %	Night %	K-Factor
				(Mph)	to CL							
1	N River Road	Douglas Drive to College Boulevard	21,300	45	50	95.00	3.00	2.00	77.00	10.00	13.00	
2	N River Road	College Boulevard to Vandegrift Boulevard	30,100	45	50	95.00	3.00	2.00	77.00	10.00	13.00	
3	N River Road	Vandegrift Boulevard to North River Circle	14,300	45	50	95.00	3.00	2.00	77.00	10.00	13.00	
4	N River Road	North River Circle to Stallion Drive	12,900	50	50	95.00	3.00	2.00	77.00	10.00	13.00	
5	N River Road	Stallion Drive to Wilshire Road	12,900	50	50	95.00	3.00	2.00	77.00	10.00	13.00	
6	N River Road	Wilshire Road to Sleeping Indian Road	10,300	50	50	95.00	3.00	2.00	77.00	10.00	13.00	
7	N River Road	Sleeping Indian Road to Via Puerta Del Sol	5,800	50	50	95.00	3.00	2.00	77.00	10.00	13.00	
8	N River Road	Via Puerta Del Sol to SR-76	5,500	50	50	95.00	3.00	2.00	77.00	10.00	13.00	
9	Frazee Road	Old Grove Road to SR-76	6,400	30	50	95.00	3.00	2.00	77.00	10.00	13.00	
10	Frazee Road	SR-76 to College Boulevard	8,400	35	50	95.00	3.00	2.00	77.00	10.00	13.00	
11	SR-76	N Coast Highway to I-5 SB Ramps	11,400	35	50	94.70	3.60	1.70	77.00	10.00	13.00	
12	SR-76	I-5 SB Ramps to I-5 NB Ramps	26,000	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
13	SR-76	I-5 NB Ramps to Loretta Street	32,000	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
14	SR-76	Loretta Street to Canyon Drive	31,700	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
15	SR-76	Canyon Drive to Foussat Road	35,100	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
16	SR-76	Foussat Road to Douglas Drive	35,600	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
17	SR-76	Douglas Drive to Rancho Del Oro Drive	37,600	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
18	SR-76	Rancho Del Oro Drive to Old Grove Road	37,600	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
19	SR-76	Old Grove Road to Frazee Road	37,400	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
20	SR-76	Frazee Road to Town Center Drive	39,600	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
21	SR-76	Town Center Drive to College Boulevard	42,600	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
22	SR-76	College Boulevard to N Santa Fe Avenue	57,200	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
23	SR-76	N Santa Fe Avenue to Guajome Lake Road	46,500	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
24	SR-76	Guajome Lake Road to Melrose Drive	43,200	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
25	SR-76	Melrose Drive to East Vista Way	40,100	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
26	SR-76	East Vista Way to N River Road	48,500	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
27	Mission Avenue	N Pacific Street to N Coast Highway	5,000	25	50	95.00	3.00	2.00	77.00	10.00	13.00	
28	Mission Avenue	N Coast Highway to N Clementine Street	8,800	25	50	95.00	3.00	2.00	77.00	10.00	13.00	

Roads - Adopted GP 2050

29	Mission Avenue	N Clementine Street to Horne Street	12,600	25	50	95.00	3.00	2.00	77.00	10.00	13.00
30	Mission Avenue	Horne Street to I-5 SB Ramps	17,900	30	50	95.00	3.00	2.00	77.00	10.00	13.00
31	Mission Avenue	I-5 SB Ramps to I-5 NB Ramps	22,800	30	50	95.00	3.00	2.00	77.00	10.00	13.00
32	Mission Avenue	I-5 NB Ramps to Canyon Drive	28,100	35	50	95.00	3.00	2.00	77.00	10.00	13.00
33	Mission Avenue	Canyon Drive to Mesa Drive	16,800	30	50	95.00	3.00	2.00	77.00	10.00	13.00
34	Mission Avenue	Mesa Drive to Foussat Road	18,300	50	50	95.00	3.00	2.00	77.00	10.00	13.00
35	Mission Avenue	Foussat Road to El Camino Real	18,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00
36	Mission Avenue	El Camino Real to Douglas Drive	15,200	45	50	95.00	3.00	2.00	77.00	10.00	13.00
37	Mission Avenue	Douglas Drive to Rancho Del Oro Drive	12,300	45	50	95.00	3.00	2.00	77.00	10.00	13.00
38	Mission Avenue	Rancho Del Oro Drive to Old Grove Road	14,400	45	50	95.00	3.00	2.00	77.00	10.00	13.00
39	Mission Avenue	Old Grove Road to Frazee Road	7,200	45	50	95.00	3.00	2.00	77.00	10.00	13.00
40	Mesa Drive	Mission Avenue to Foussat Road	5,700	30	50	95.00	3.00	2.00	77.00	10.00	13.00
41	Mesa Drive	Foussat Road to El Camino Real	6,500	40	50	95.00	3.00	2.00	77.00	10.00	13.00
42	Mesa Drive	El Camino Real to Rancho Del Oro Drive	17,500	45	50	95.00	3.00	2.00	77.00	10.00	13.00
43	Mesa Drive	Rancho Del Oro Drive to Ivey Ranch Road	11,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00
44	Mesa Drive	Ivey Ranch Road to Via Rancho Road	5,700	45	50	95.00	3.00	2.00	77.00	10.00	13.00
45	Mesa Drive	Via Rancho Road to Old Grove Road	10,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00
46	Mesa Drive	Old Grove Road to College Boulevard	8,200	45	50	95.00	3.00	2.00	77.00	10.00	13.00
47	Mesa Drive	College Boulevard to N Santa Fe Drive	8,800	45	50	95.00	3.00	2.00	77.00	10.00	13.00
48	Seagaze Drive	S Coast Highway to S Clementine Street	3,000	25	50	95.00	3.00	2.00	77.00	10.00	13.00
49	Seagaze Drive	S Clementine Street to Horne Street	1,000	25	50	95.00	3.00	2.00	77.00	10.00	13.00
50	Oceanside Boulevard	S Pacific Street to S Coast Highway	5,300	25	50	95.00	3.00	2.00	77.00	10.00	13.00
51	Oceanside Boulevard	S Coast Highway to I-5 SB Ramps	15,700	35	50	95.00	3.00	2.00	77.00	10.00	13.00
52	Oceanside Boulevard	I-5 SB Ramps to I-5 NB Ramps	18,700	35	50	95.00	3.00	2.00	77.00	10.00	13.00
53	Oceanside Boulevard	I-5 NB Ramps to Goat Hill Drive	18,200	35	50	95.00	3.00	2.00	77.00	10.00	13.00
54	Oceanside Boulevard	Goat Hill Drive to Crouch Street	16,200	35	50	95.00	3.00	2.00	77.00	10.00	13.00
55	Oceanside Boulevard	Crouch Street to Foussat Road	22,300	40	50	95.00	3.00	2.00	77.00	10.00	13.00
56	Oceanside Boulevard	Foussat Road to El Camino Real	22,300	40	50	95.00	3.00	2.00	77.00	10.00	13.00
57	Oceanside Boulevard	El Camino Real to Rancho Del Oro Drive	22,000	55	50	95.00	3.00	2.00	77.00	10.00	13.00
58	Oceanside Boulevard	Rancho Del Oro Drive to College Boulevard	32,600	55	50	95.00	3.00	2.00	77.00	10.00	13.00
59	Oceanside Boulevard	College Boulevard to Arroyo Avenue	31,200	50	50	95.00	3.00	2.00	77.00	10.00	13.00
60	Oceanside Boulevard	Arroyo Avenue to Temple Heights Drive	25,800	50	50	95.00	3.00	2.00	77.00	10.00	13.00
61	Oceanside Boulevard	Temple Heights Drive to N Melrose Drive	23,300	50	50	95.00	3.00	2.00	77.00	10.00	13.00
62	Oceanside Boulevard	N Melrose Drive to Eastern City Limits	25,500	40	50	95.00	3.00	2.00	77.00	10.00	13.00
63	Vista Way	Coast Highway to I-5 SB Ramps	19,200	30	50	95.00	3.00	2.00	77.00	10.00	13.00
64	Vista Way	Jefferson Street to El Camino Real	13,700	35	50	95.00	3.00	2.00	77.00	10.00	13.00
65	Vista Way	El Camino Real to Rancho Del Oro Drive	13,900	45	50	95.00	3.00	2.00	77.00	10.00	13.00
66	Vista Way	Rancho Del Oro Drive to College Boulevard	10,600	40	50	95.00	3.00	2.00	77.00	10.00	13.00
67	Vista Way	College Boulevard to SR-78 WB Ramps	21,000	35	50	95.00	3.00	2.00	77.00	10.00	13.00
68	Vista Way	SR-78 WB Ramps to Thunder Drive	16,300	35	50	95.00	3.00	2.00	77.00	10.00	13.00
69	Plaza Drive	College Boulevard to SR-78 EB Ramps	14,900	35	50	95.00	3.00	2.00	77.00	10.00	13.00
70	Plaza Drive	SR-78 EB Ramps to Thunder Drive	10,800	35	50	95.00	3.00	2.00	77.00	10.00	13.00
71	Marron Road	Western City Limit to College Boulevard	20,300	25	50	95.00	3.00	2.00	77.00	10.00	13.00
72	Lake Boulevard	College Boulevard to Thunder Drive	14,200	35	50	95.00	3.00	2.00	77.00	10.00	13.00
73	Lake Boulevard	Thunder Drive to Sundown Lane	10,200	35	50	95.00	3.00	2.00	77.00	10.00	13.00
74	Lake Boulevard	Sundown Lane to Sky Haven Lane	9,300	35	50	95.00	3.00	2.00	77.00	10.00	13.00
75	Lake Boulevard	Sky Haven Lane to Alameda Drive	11,100	45	50	95.00	3.00	2.00	77.00	10.00	13.00
76	Lake Boulevard	Alameda Drive to Cannon Road	10,200	45	50	95.00	3.00	2.00	77.00	10.00	13.00
77	Cannon Road	Western Terminus to Melrose Drive	31,700	40	50	95.00	3.00	2.00	77.00	10.00	13.00
78	N Coast Highway	Northern City Limit to SR-76	10,100	25	50	95.00	3.00	2.00	77.00	10.00	13.00
79	N Coast Highway	SR-76 to Mission Avenue	20,400	25	50	95.00	3.00	2.00	77.00	10.00	13.00
80	N Coast Highway	Mission Avenue to Seagaze Drive	14,400	25	50	95.00	3.00	2.00	77.00	10.00	13.00
81	S Coast Highway	Seagaze Drive to Wisconsin Avenue	14,400	25	50	95.00	3.00	2.00	77.00	10.00	13.00
82	S Coast Highway	Wisconsin Avenue to Oceanside Boulevard	15,800	35	50	95.00	3.00	2.00	77.00	10.00	13.00
83	S Coast Highway	Oceanside Boulevard to Morse Street	17,600	35	50	95.00	3.00	2.00	77.00	10.00	13.00
84	S Coast Highway	Morse Street to Vista Way	18,000	35	50	95.00	3.00	2.00	77.00	10.00	13.00
85	S Coast Highway	Vista Way to Southern City Limit	19,800	35	50	95.00	3.00	2.00	77.00	10.00	13.00

Roads - Adopted GP 2050

86	Horne Street	Civic Center Drive to Pier View Way	4,200	25	50	95.00	3.00	2.00	77.00	10.00	13.00
87	Horne Street	Pier View Way to Mission Avenue	4,600	25	50	95.00	3.00	2.00	77.00	10.00	13.00
88	Horne Street	Mission Avenue to Seagaze Drive	1,600	25	50	95.00	3.00	2.00	77.00	10.00	13.00
89	Canyon Drive	SR-76 to Mission Ave	6,500	45	50	95.00	3.00	2.00	77.00	10.00	13.00
90	Canyon Drive	Mission Avenue to Oceanside Boulevard	11,200	35	50	95.00	3.00	2.00	77.00	10.00	13.00
91	Crouch Street	Canyon Drive to Oceanside Boulevard	7,500	30	50	95.00	3.00	2.00	77.00	10.00	13.00
92	Crouch Street	Oceanside Boulevard to Skylark Drive	8,000	25	50	95.00	3.00	2.00	77.00	10.00	13.00
93	Crouch Street	Skylark Drive to Grandview Street	4,000	25	50	95.00	3.00	2.00	77.00	10.00	13.00
94	Foussat Road	Alex Road to SR-76	6,200	40	50	95.00	3.00	2.00	77.00	10.00	13.00
95	Foussat Road	SR-76 to Mission Ave	13,500	40	50	95.00	3.00	2.00	77.00	10.00	13.00
96	Foussat Road	Mission Avenue to Oceanside Boulevard	8,100	25	50	95.00	3.00	2.00	77.00	10.00	13.00
97	Jefferson Street	Vista Way to SR-78 WB Ramps	21,700	40	50	95.00	3.00	2.00	77.00	10.00	13.00
98	Jefferson Street	SR-78 WB Ramps to SR-78 EB Ramps	17,400	40	50	95.00	3.00	2.00	77.00	10.00	13.00
99	Jefferson Street	SR-78 EB Ramps to Southern City Limits	12,500	40	50	95.00	3.00	2.00	77.00	10.00	13.00
100	El Camino Real	Douglas Drive to Mission Ave	20,000	35	50	95.00	3.00	2.00	77.00	10.00	13.00
101	El Camino Real	Mission Avenue to Mesa Drive	25,300	45	50	95.00	3.00	2.00	77.00	10.00	13.00
102	El Camino Real	Mesa Drive to Oceanside Boulevard	39,700	45	50	95.00	3.00	2.00	77.00	10.00	13.00
103	El Camino Real	Oceanside Boulevard to Fire Mountain Drive	48,500	45	50	95.00	3.00	2.00	77.00	10.00	13.00
104	El Camino Real	Fire Mountain Drive to Via Las Rosas	45,300	45	50	95.00	3.00	2.00	77.00	10.00	13.00
105	El Camino Real	Via Las Rosas to Vista Way	47,700	45	50	95.00	3.00	2.00	77.00	10.00	13.00
106	El Camino Real	Vista Way to SR-78 WB Ramps	54,600	40	50	95.00	3.00	2.00	77.00	10.00	13.00
107	El Camino Real	SR-78 WB Ramps to SR-78 EB Ramps	48,600	40	50	95.00	3.00	2.00	77.00	10.00	13.00
108	Douglas Drive	Vandegrift Boulevard to Via Malaguena	6,800	45	50	95.00	3.00	2.00	77.00	10.00	13.00
109	Douglas Drive	Via Malaguena to Cardiff Bay Drive	6,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00
110	Douglas Drive	Cardiff Bay Drive to Festival Drive	9,100	45	50	95.00	3.00	2.00	77.00	10.00	13.00
111	Douglas Drive	Festival Drive to N River Road	16,700	45	50	95.00	3.00	2.00	77.00	10.00	13.00
112	Douglas Drive	N River Road to Old River Street	23,800	50	50	95.00	3.00	2.00	77.00	10.00	13.00
113	Douglas Drive	Old River Street to Pala Road	32,100	50	50	95.00	3.00	2.00	77.00	10.00	13.00
114	Douglas Drive	Pala Road to El Camino Real	25,900	50	50	95.00	3.00	2.00	77.00	10.00	13.00
115	Douglas Drive	El Camino Real to Mission Ave	17,200	40	50	95.00	3.00	2.00	77.00	10.00	13.00
116	Douglas Drive	Mission Avenue to SR-76	11,700	40	50	95.00	3.00	2.00	77.00	10.00	13.00
117	Rancho Del Oro Drive	Mission Avenue to SR-76	6,300	45	50	95.00	3.00	2.00	77.00	10.00	13.00
118	Rancho Del Oro Drive	SR-76 to Mesa Drive	19,300	45	50	95.00	3.00	2.00	77.00	10.00	13.00
119	Rancho Del Oro Drive	Mesa Drive to Ocean Ranch Boulevard	16,700	50	50	95.00	3.00	2.00	77.00	10.00	13.00
120	Rancho Del Oro Drive	Ocean Ranch Boulevard to Senior Center Drive	16,600	50	50	95.00	3.00	2.00	77.00	10.00	13.00
121	Rancho Del Oro Drive	Senior Center Drive to Oceanside Boulevard	16,900	50	50	95.00	3.00	2.00	77.00	10.00	13.00
122	Rancho Del Oro Drive	Oceanside Boulevard to Vista Del Oro Drive	22,300	45	50	95.00	3.00	2.00	77.00	10.00	13.00
123	Rancho Del Oro Drive	Vista Del Oro Drive to Vista Way	22,100	45	50	95.00	3.00	2.00	77.00	10.00	13.00
124	Rancho Del Oro Drive	Vista Way to SR-78	0	35	50		3.00	2.00	77.00	10.00	
125	Old Grove Road	Frazee Road to SR-76	3,100	40	50	95.00	3.00	2.00	77.00	10.00	13.00
126	Old Grove Road	SR-76 to Mission Avenue	9,300	40	50	95.00	3.00	2.00	77.00	10.00	13.00
127	Old Grove Road	Mission Avenue to Mesa Drive	15,300	40	50	95.00	3.00	2.00	77.00	10.00	13.00
128	Old Grove Road	Mesa Drive to College Boulevard	18,200	35	50	95.00	3.00	2.00	77.00	10.00	13.00
129	Vandegrift Boulevard	Northern City Limit to Douglas Drive	19,900	55	50	95.00	3.00	2.00	77.00	10.00	13.00
130	Vandegrift Boulevard	Douglas Drive to N River Road	29,400	55	50	95.00	3.00	2.00	77.00	10.00	13.00
131	College Boulevard	N River Road to Adams Street	36,600	40	50	95.00	3.00	2.00	77.00	10.00	13.00
132	College Boulevard	Adams Street to SR-76	39,900	45	50	95.00	3.00	2.00	77.00	10.00	13.00
133	College Boulevard	SR-76 to Frazee Road	27,700	50	50	95.00	3.00	2.00	77.00	10.00	13.00
134	College Boulevard	Frazee Road to Mesa Drive	29,900	50	50	95.00	3.00	2.00	77.00	10.00	13.00
135	College Boulevard	Mesa Drive to Old Grove Road	32,100	50	50	95.00	3.00	2.00	77.00	10.00	13.00
136	College Boulevard	Old Grove Road to Avenida De La Plata	43,600	45	50	95.00	3.00	2.00	77.00	10.00	13.00
137	College Boulevard	Avenida De La Plata to Oceanside Boulevard	49,100	45	50	95.00	3.00	2.00	77.00	10.00	13.00
138	College Boulevard	Oceanside Boulevard to Olive Avenue	64,900	45	50	95.00	3.00	2.00	77.00	10.00	13.00
139	College Boulevard	Olive Drive to Thunder Drive	44,600	45	50	95.00	3.00	2.00	77.00	10.00	13.00
140	College Boulevard	Thunder Drive to Marvin Street	32,900	45	50	95.00	3.00	2.00	77.00	10.00	13.00
141	College Boulevard	Marvin Street to Waring Road	35,100	50	50	95.00	3.00	2.00	77.00	10.00	13.00
142	College Boulevard	Waring Road to Vista Way	41,400	35	50	95.00	3.00	2.00	77.00	10.00	13.00

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143	College Boulevard	Vista Way to SR-78 EB Off-Ramp	60,000	35	50	95.00	3.00	2.00	77.00	10.00	13.00
144	College Boulevard	SR-78 EB Off-Ramp to Haymar Drive / Plaza Drive	57,500	35	50	95.00	3.00	2.00	77.00	10.00	13.00
145	College Boulevard	Plaza Drive to Lake Boulevard	52,000	35	50	95.00	3.00	2.00	77.00	10.00	13.00
146	College Boulevard	Lake Boulevard to Southern City Limits	47,100	45	50	95.00	3.00	2.00	77.00	10.00	13.00
147	Wilshire Road	Northern Terminus to N River Road	2,000	35	50	95.00	3.00	2.00	77.00	10.00	13.00
148	N Santa Fe Avenue	SR-76 to Mesa Drive	25,700	50	50	95.00	3.00	2.00	77.00	10.00	13.00
149	N Santa Fe Avenue	Mesa Drive to N Melrose Drive	23,500	50	50	95.00	3.00	2.00	77.00	10.00	13.00
150	N Santa Fe Avenue	N Melrose Drive to Eastern City Limits	21,700	45	50	95.00	3.00	2.00	77.00	10.00	13.00
151	Melrose Drive	Northern terminus to SR-76	11,200	40	50	95.00	3.00	2.00	77.00	10.00	13.00
152	Melrose Drive	SR-76 to Old Ranch Road	6,700	40	50	95.00	3.00	2.00	77.00	10.00	13.00
153	Melrose Drive	Old Ranch Road to Spur Avenue	1,300	40	50	95.00	3.00	2.00	77.00	10.00	13.00
154	Melrose Drive	N Santa Fe Drive to Sagewood Drive	19,500	45	50	95.00	3.00	2.00	77.00	10.00	13.00
155	Melrose Drive	Sagewood Drive to Meadowbrook Drive	26,500	45	50	95.00	3.00	2.00	77.00	10.00	13.00
156	Melrose Drive	Meadowbrook Drive to Oceanside Boulevard	25,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00
157	Melrose Drive	Oceanside Boulevard to Southern City Limits	35,500	45	50	95.00	3.00	2.00	77.00	10.00	13.00
158	Sleeping Indian Road	Northern City Limit to N River Road	3,400	35	50	95.00	3.00	2.00	77.00	10.00	13.00

FHWA RD-77-108
Traffic Noise Prediction Model

Predicted Noise Levels

Project Name : Oceanside GPU
Project Number : 9550
Modeled Condition : Roads - Adopted General Plan 2050
Assessment Metric: Hard

Segment	Roadway	Segment	Noise Levels, dBA Hard				Distance to Traffic Noise Level Contours, Feet					
			Auto	MT	HT	Total	75 dB	70 dB	65 dB	60 dB	55 dB	50 dB
1	N River Road	Douglas Drive to College Boulevard	70.8	64.0	66.8	73	31	97	308	975	3,083	9,749
2	N River Road	College Boulevard to Vandegrift Boulevard	72.3	65.5	68.3	74	44	138	435	1,377	4,355	13,771
3	N River Road	Vandegrift Boulevard to North River Circle	69.1	62.3	65.0	71	20	64	204	644	2,037	6,441
4	N River Road	North River Circle to Stallion Drive	69.9	62.6	65.0	72	23	74	234	740	2,339	7,396
5	N River Road	Stallion Drive to Wilshire Road	69.9	62.6	65.0	72	23	74	234	740	2,339	7,396
6	N River Road	Wilshire Road to Sleeping Indian Road	69.0	61.6	64.0	71	19	59	186	587	1,858	5,874
7	N River Road	Sleeping Indian Road to Via Puerta Del Sol	66.5	59.1	61.5	68	10	33	104	330	1,045	3,303
8	N River Road	Via Puerta Del Sol to SR-76	66.2	58.9	61.3	68	10	32	100	315	998	3,155
9	Frazee Road	Old Grove Road to SR-76	60.5	56.1	61.4	65	5	14	46	144	456	1,442
10	Frazee Road	SR-76 to College Boulevard	63.6	58.3	61.7	67	7	22	71	223	706	2,233
11	SR-76	N Coast Highway to I-5 SB Ramps	64.9	60.4	62.3	68	9	29	93	294	931	2,944
12	SR-76	I-5 SB Ramps to I-5 NB Ramps	74.2	67.1	67.7	76	59	186	587	1,858	5,874	18,577
13	SR-76	I-5 NB Ramps to Loretta Street	75.1	68.0	68.6	77	72	229	723	2,285	7,227	22,854
14	SR-76	Loretta Street to Canyon Drive	75.0	67.9	68.6	77	71	223	706	2,233	7,063	22,334
15	SR-76	Canyon Drive to Foussat Road	75.5	68.4	69.0	77	79	251	792	2,506	7,924	25,059
16	SR-76	Foussat Road to Douglas Drive	75.5	68.4	69.1	77	81	256	811	2,564	8,109	25,643
17	SR-76	Douglas Drive to Rancho Del Oro Drive	75.8	68.7	69.3	77	85	269	849	2,685	8,491	26,852
18	SR-76	Rancho Del Oro Drive to Old Grove Road	75.8	68.7	69.3	77	85	269	849	2,685	8,491	26,852
19	SR-76	Old Grove Road to Frazee Road	75.7	68.6	69.3	77	85	269	849	2,685	8,491	26,852
20	SR-76	Frazee Road to Town Center Drive	76.0	68.9	69.6	78	89	281	889	2,812	8,891	28,117
21	SR-76	Town Center Drive to College Boulevard	76.3	69.2	69.9	78	95	301	953	3,013	9,527	30,128
22	SR-76	College Boulevard to N Santa Fe Avenue	77.6	70.5	71.2	79	129	406	1,285	4,064	12,852	40,642
23	SR-76	N Santa Fe Avenue to Guajome Lake Road	76.7	69.6	70.3	78	104	330	1,045	3,303	10,446	33,035
24	SR-76	Guajome Lake Road to Melrose Drive	76.4	69.3	69.9	78	97	308	975	3,083	9,749	30,830
25	SR-76	Melrose Drive to East Vista Way	76.0	68.9	69.6	78	91	288	910	2,877	9,099	28,772
26	SR-76	East Vista Way to N River Road	76.9	69.8	70.4	78	109	346	1,094	3,459	10,939	34,592
27	Mission Avenue	N Pacific Street to N Coast Highway	57.1	53.8	59.6	62	3	8	26	83	262	830
28	Mission Avenue	N Coast Highway to N Clementine Street	59.6	56.2	62.1	65	5	15	47	148	467	1,476
29	Mission Avenue	N Clementine Street to Horne Street	61.2	57.8	63.6	66	7	21	67	213	674	2,133
30	Mission Avenue	Horne Street to I-5 SB Ramps	65.0	60.5	65.9	69	13	41	129	406	1,285	4,064
31	Mission Avenue	I-5 SB Ramps to I-5 NB Ramps	66.0	61.6	66.9	70	17	52	166	524	1,656	5,236
32	Mission Avenue	I-5 NB Ramps to Canyon Drive	68.9	63.5	67.0	72	23	74	234	740	2,339	7,396
33	Mission Avenue	Canyon Drive to Mesa Drive	64.7	60.3	65.6	69	12	38	120	379	1,199	3,793
34	Mission Avenue	Mesa Drive to Foussat Road	71.5	64.1	66.5	73	33	104	330	1,045	3,303	10,446
35	Mission Avenue	Foussat Road to El Camino Real	70.1	63.3	66.0	72	26	81	256	811	2,564	8,109
36	Mission Avenue	El Camino Real to Douglas Drive	69.3	62.6	65.3	71	22	69	218	690	2,183	6,902
37	Mission Avenue	Douglas Drive to Rancho Del Oro Drive	68.4	61.7	64.4	71	18	56	177	561	1,774	5,610
38	Mission Avenue	Rancho Del Oro Drive to Old Grove Road	69.1	62.3	65.1	71	21	66	208	659	2,084	6,591
39	Mission Avenue	Old Grove Road to Frazee Road	66.1	59.3	62.1	68	10	32	102	323	1,021	3,228
40	Mesa Drive	Mission Avenue to Foussat Road	60.0	55.6	60.9	64	4	13	41	129	406	1,285
41	Mesa Drive	Foussat Road to El Camino Real	64.2	58.1	61.1	67	7	23	72	229	723	2,285
42	Mesa Drive	El Camino Real to Rancho Del Oro Drive	69.9	63.2	65.9	72	25	79	251	792	2,506	7,924
43	Mesa Drive	Rancho Del Oro Drive to Ivey Ranch Road	67.9	61.2	63.9	70	16	50	158	500	1,581	5,000
44	Mesa Drive	Ivey Ranch Road to Via Rancho Road	65.1	58.3	61.0	67	8	26	81	256	811	2,564
45	Mesa Drive	Via Rancho Road to Old Grove Road	67.5	60.8	63.5	70	14	46	144	456	1,442	4,560

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46	Mesa Drive	Old Grove Road to College Boulevard	66.6	59.9	62.6	69	12	37	117	371	1,172	3,707
47	Mesa Drive	College Boulevard to N Santa Fe Drive	67.0	60.2	62.9	69	13	40	126	397	1,256	3,972
48	Seagaze Drive	S Coast Highway to S Clementine Street	54.9	51.5	57.4	60	2	5	16	50	158	500
49	Seagaze Drive	S Clementine Street to Horne Street	50.2	46.8	52.6	55	1	2	5	17	52	166
50	Oceanside Boulevard	S Pacific Street to S Coast Highway	57.4	54.0	59.9	63	3	9	28	89	281	889
51	Oceanside Boulevard	S Coast Highway to I-5 SB Ramps	66.3	61.0	64.4	69	13	42	132	416	1,315	4,159
52	Oceanside Boulevard	I-5 SB Ramps to I-5 NB Ramps	67.1	61.8	65.2	70	16	50	158	500	1,581	5,000
53	Oceanside Boulevard	I-5 NB Ramps to Goat Hill Drive	67.0	61.7	65.1	70	15	48	151	477	1,510	4,775
54	Oceanside Boulevard	Goat Hill Drive to Crouch Street	66.5	61.1	64.6	69	13	43	135	426	1,346	4,256
55	Oceanside Boulevard	Crouch Street to Foussat Road	69.5	63.4	66.5	72	24	77	245	774	2,449	7,744
56	Oceanside Boulevard	Foussat Road to El Camino Real	69.5	63.4	66.5	72	24	77	245	774	2,449	7,744
57	Oceanside Boulevard	El Camino Real to Rancho Del Oro Drive	73.4	65.5	67.7	75	50	158	500	1,581	5,000	15,811
58	Oceanside Boulevard	Rancho Del Oro Drive to College Boulevard	75.2	67.2	69.4	77	74	234	740	2,339	7,396	23,387
59	Oceanside Boulevard	College Boulevard to Arroyo Avenue	73.8	66.4	68.9	76	56	177	561	1,774	5,610	17,741
60	Oceanside Boulevard	Arroyo Avenue to Temple Heights Drive	72.9	65.6	68.0	75	47	148	467	1,476	4,666	14,756
61	Oceanside Boulevard	Temple Heights Drive to N Melrose Drive	72.5	65.1	67.6	74	43	135	426	1,346	4,256	13,458
62	Oceanside Boulevard	N Melrose Drive to Eastern City Limits	70.1	64.0	67.1	73	28	89	281	889	2,812	8,891
63	Vista Way	Coast Highway to I-5 SB Ramps	65.3	60.8	66.2	69	14	44	138	435	1,377	4,355
64	Vista Way	Jefferson Street to El Camino Real	65.7	60.4	63.9	69	11	36	115	362	1,145	3,622
65	Vista Way	El Camino Real to Rancho Del Oro Drive	68.9	62.2	64.9	71	20	63	199	629	1,991	6,295
66	Vista Way	Rancho Del Oro Drive to College Boulevard	66.3	60.2	63.3	69	12	37	117	371	1,172	3,707
67	Vista Way	College Boulevard to SR-78 WB Ramps	67.6	62.3	65.7	71	18	56	177	561	1,774	5,610
68	Vista Way	SR-78 WB Ramps to Thunder Drive	66.5	61.2	64.6	69	14	44	138	435	1,377	4,355
69	Plaza Drive	College Boulevard to SR-78 EB Ramps	66.1	60.8	64.2	69	13	40	126	397	1,256	3,972
70	Plaza Drive	SR-78 EB Ramps to Thunder Drive	64.7	59.4	62.8	68	9	29	91	288	910	2,877
71	Marron Road	Western City Limit to College Boulevard	63.2	59.8	65.7	68	11	34	107	338	1,069	3,380
72	Lake Boulevard	College Boulevard to Thunder Drive	65.9	60.6	64.0	69	12	38	120	379	1,199	3,793
73	Lake Boulevard	Thunder Drive to Sundown Lane	64.5	59.1	62.6	67	8	27	85	269	849	2,685
74	Lake Boulevard	Sundown Lane to Sky Haven Lane	64.0	58.7	62.2	67	8	24	77	245	774	2,449
75	Lake Boulevard	Sky Haven Lane to Alameda Drive	68.0	61.2	63.9	70	16	50	158	500	1,581	5,000
76	Lake Boulevard	Alameda Drive to Cannon Road	67.6	60.8	63.6	70	15	47	148	467	1,476	4,666
77	Cannon Road	Western Terminus to Melrose Drive	71.0	65.0	68.0	74	35	112	354	1,119	3,540	11,194
78	N Coast Highway	Northern City Limit to SR-76	60.2	56.8	62.7	65	5	17	54	169	536	1,694
79	N Coast Highway	SR-76 to Mission Avenue	63.3	59.9	65.7	68	11	34	107	338	1,069	3,380
80	N Coast Highway	Mission Avenue to Seagaze Drive	61.7	58.4	64.2	67	8	24	76	239	757	2,393
81	S Coast Highway	Seagaze Drive to Wisconsin Avenue	61.7	58.4	64.2	67	8	24	76	239	757	2,393
82	S Coast Highway	Wisconsin Avenue to Oceanside Boulevard	66.4	61.0	64.5	69	13	42	132	416	1,315	4,159
83	S Coast Highway	Oceanside Boulevard to Morse Street	66.8	61.5	64.9	70	15	47	148	467	1,476	4,666
84	S Coast Highway	Morse Street to Vista Way	66.9	61.6	65.0	70	15	48	151	477	1,510	4,775
85	S Coast Highway	Vista Way to Southern City Limit	67.3	62.0	65.5	70	17	52	166	524	1,656	5,236
86	Horne Street	Civic Center Drive to Pier View Way	56.4	53.0	58.9	62	2	7	22	71	223	706
87	Horne Street	Pier View Way to Mission Avenue	56.8	53.4	59.3	62	2	8	24	77	245	774
88	Horne Street	Mission Avenue to Seagaze Drive	52.2	48.8	54.7	57	1	3	8	27	85	269
89	Canyon Drive	SR-76 to Mission Ave	65.6	58.9	61.6	68	9	29	93	294	931	2,944
90	Canyon Drive	Mission Avenue to Oceanside Boulevard	64.9	59.5	63.0	68	9	29	93	294	931	2,944
91	Crouch Street	Canyon Drive to Oceanside Boulevard	61.2	56.8	62.1	65	5	17	54	169	536	1,694
92	Crouch Street	Oceanside Boulevard to Skylark Drive	59.2	55.8	61.7	64	4	13	43	135	426	1,346
93	Crouch Street	Skylark Drive to Grandview Street	56.2	52.8	58.7	61	2	7	21	67	213	674
94	Foussat Road	Alex Road to SR-76	64.0	57.9	60.9	66	7	22	69	218	690	2,183
95	Foussat Road	SR-76 to Mission Ave	67.3	61.3	64.3	70	15	48	151	477	1,510	4,775
96	Foussat Road	Mission Avenue to Oceanside Boulevard	59.2	55.9	61.7	64	4	13	43	135	426	1,346
97	Jefferson Street	Vista Way to SR-78 WB Ramps	69.4	63.3	66.4	72	24	76	239	757	2,393	7,568
98	Jefferson Street	SR-78 WB Ramps to SR-78 EB Ramps	68.4	62.4	65.4	71	19	62	195	615	1,945	6,151
99	Jefferson Street	SR-78 EB Ramps to Southern City Limits	67.0	60.9	64.0	69	14	44	138	435	1,377	4,355
100	El Camino Real	Douglas Drive to Mission Ave	67.4	62.1	65.5	70	17	54	169	536	1,694	5,358
101	El Camino Real	Mission Avenue to Mesa Drive	71.5	64.8	67.5	74	36	115	362	1,145	3,622	11,454
102	El Camino Real	Mesa Drive to Oceanside Boulevard	73.5	66.7	69.5	76	57	182	574	1,815	5,741	18,154

Roads - Adopted GP 2050

103	El Camino Real	Oceanside Boulevard to Fire Mountain Drive	74.4	67.6	70.3	76	69	218	690	2,183	6,902	21,826
104	El Camino Real	Fire Mountain Drive to Via Las Rosas	74.1	67.3	70.0	76	64	204	644	2,037	6,441	20,369
105	El Camino Real	Via Las Rosas to Vista Way	74.3	67.5	70.3	76	69	218	690	2,183	6,902	21,826
106	El Camino Real	Vista Way to SR-78 WB Ramps	73.4	67.3	70.4	76	60	190	601	1,901	6,011	19,009
107	El Camino Real	SR-78 WB Ramps to SR-78 EB Ramps	72.9	66.8	69.9	75	54	169	536	1,694	5,358	16,942
108	Douglas Drive	Vandegrift Boulevard to Via Malaguena	65.8	59.1	61.8	68	10	31	97	308	975	3,083
109	Douglas Drive	Via Malaguena to Cardiff Bay Drive	65.3	58.5	61.3	67	9	27	87	275	869	2,748
110	Douglas Drive	Cardiff Bay Drive to Festival Drive	67.1	60.3	63.1	69	13	42	132	416	1,315	4,159
111	Douglas Drive	Festival Drive to N River Road	69.7	63.0	65.7	72	24	76	239	757	2,393	7,568
112	Douglas Drive	N River Road to Old River Street	72.6	65.2	67.7	74	44	138	435	1,377	4,355	13,771
113	Douglas Drive	Old River Street to Pala Road	73.9	66.5	69.0	76	59	186	587	1,858	5,874	18,577
114	Douglas Drive	Pala Road to El Camino Real	73.0	65.6	68.0	75	47	148	467	1,476	4,666	14,756
115	Douglas Drive	El Camino Real to Mission Ave	68.4	62.3	65.4	71	19	60	190	601	1,901	6,011
116	Douglas Drive	Mission Avenue to SR-76	66.7	60.6	63.7	69	13	41	129	406	1,285	4,064
117	Rancho Del Oro Drive	Mission Avenue to SR-76	65.5	58.7	61.5	68	9	29	91	288	910	2,877
118	Rancho Del Oro Drive	SR-76 to Mesa Drive	70.4	63.6	66.3	72	27	87	275	869	2,748	8,689
119	Rancho Del Oro Drive	Mesa Drive to Ocean Ranch Boulevard	71.1	63.7	66.1	73	30	95	301	953	3,013	9,527
120	Rancho Del Oro Drive	Ocean Ranch Boulevard to Senior Center Drive	71.0	63.7	66.1	73	30	95	301	953	3,013	9,527
121	Rancho Del Oro Drive	Senior Center Drive to Oceanside Boulevard	71.1	63.7	66.2	73	31	97	308	975	3,083	9,749
122	Rancho Del Oro Drive	Oceanside Boulevard to Vista Del Oro Drive	71.0	64.2	67.0	73	32	102	323	1,021	3,228	10,209
123	Rancho Del Oro Drive	Vista Del Oro Drive to Vista Way	71.0	64.2	66.9	73	32	100	315	998	3,155	9,976
124	Rancho Del Oro Drive	Vista Way to SR-78										
125	Old Grove Road	Frazee Road to SR-76	60.9	54.9	57.9	63	3	11	35	109	346	1,094
126	Old Grove Road	SR-76 to Mission Avenue	65.7	59.6	62.7	68	10	32	102	323	1,021	3,228
127	Old Grove Road	Mission Avenue to Mesa Drive	67.9	61.8	64.9	70	17	54	169	536	1,694	5,358
128	Old Grove Road	Mesa Drive to College Boulevard	67.0	61.7	65.1	70	15	48	151	477	1,510	4,775
129	Vandegrift Boulevard	Northern City Limit to Douglas Drive	73.0	65.1	67.3	75	46	144	456	1,442	4,560	14,420
130	Vandegrift Boulevard	Douglas Drive to N River Road	74.7	66.8	69.0	76	67	213	674	2,133	6,745	21,329
131	College Boulevard	N River Road to Adams Street	71.7	65.6	68.7	74	41	129	406	1,285	4,064	12,852
132	College Boulevard	Adams Street to SR-76	73.5	66.8	69.5	76	57	182	574	1,815	5,741	18,154
133	College Boulevard	SR-76 to Frazee Road	73.3	65.9	68.3	75	50	158	500	1,581	5,000	15,811
134	College Boulevard	Frazee Road to Mesa Drive	73.6	66.2	68.7	75	55	173	548	1,734	5,482	17,337
135	College Boulevard	Mesa Drive to Old Grove Road	73.9	66.5	69.0	76	59	186	587	1,858	5,874	18,577
136	College Boulevard	Old Grove Road to Avenida De La Plata	73.9	67.1	69.9	76	63	199	629	1,991	6,295	19,905
137	College Boulevard	Avenida De La Plata to Oceanside Boulevard	74.4	67.7	70.4	77	71	223	706	2,233	7,063	22,334
138	College Boulevard	Oceanside Boulevard to Olive Avenue	75.6	68.9	71.6	78	93	294	931	2,944	9,310	29,442
139	College Boulevard	Olive Drive to Thunder Drive	74.0	67.2	70.0	76	64	204	644	2,037	6,441	20,369
140	College Boulevard	Thunder Drive to Marvin Street	72.7	65.9	68.7	75	47	148	467	1,476	4,666	14,756
141	College Boulevard	Marvin Street to Waring Road	74.3	66.9	69.4	76	64	204	644	2,037	6,441	20,369
142	College Boulevard	Waring Road to Vista Way	70.5	65.2	68.7	73	35	109	346	1,094	3,459	10,939
143	College Boulevard	Vista Way to SR-78 EB Off-Ramp	72.1	66.8	70.3	75	50	158	500	1,581	5,000	15,811
144	College Boulevard	SR-78 EB Off-Ramp to Haymar Drive / Plaza Drive	72.0	66.6	70.1	75	48	151	477	1,510	4,775	15,100
145	College Boulevard	Plaza Drive to Lake Boulevard	71.5	66.2	69.6	74	44	138	435	1,377	4,355	13,771
146	College Boulevard	Lake Boulevard to Southern City Limits	74.2	67.5	70.2	76	67	213	674	2,133	6,745	21,329
147	Wilshire Road	Northern Terminus to N River Road	57.4	52.1	55.5	60	2	5	17	54	169	536
148	N Santa Fe Avenue	SR-76 to Mesa Drive	72.9	65.6	68.0	75	47	148	467	1,476	4,666	14,756
149	N Santa Fe Avenue	Mesa Drive to N Melrose Drive	72.5	65.2	67.6	74	43	135	426	1,346	4,256	13,458
150	N Santa Fe Avenue	N Melrose Drive to Eastern City Limits	70.9	64.1	66.9	73	31	97	308	975	3,083	9,749
151	Melrose Drive	Northern terminus to SR-76	66.5	60.4	63.5	69	12	39	123	388	1,227	3,881
152	Melrose Drive	SR-76 to Old Ranch Road	64.3	58.2	61.3	67	7	23	74	234	740	2,339
153	Melrose Drive	Old Ranch Road to Spur Avenue	57.2	51.1	54.2	60	1	5	14	46	144	456
154	Melrose Drive	N Santa Fe Drive to Sagewood Drive	70.4	63.7	66.4	73	28	89	281	889	2,812	8,891
155	Melrose Drive	Sagewood Drive to Meadowbrook Drive	71.7	65.0	67.7	74	38	120	379	1,199	3,793	11,994
156	Melrose Drive	Meadowbrook Drive to Oceanside Boulevard	71.5	64.7	67.5	74	35	112	354	1,119	3,540	11,194
157	Melrose Drive	Oceanside Boulevard to Southern City Limits	73.0	66.3	69.0	75	51	162	512	1,618	5,116	16,180
158	Sleeping Indian Road	Northern City Limit to N River Road	59.7	54.4	57.8	63	3	9	29	91	288	910

FHWA RD-77-108
Traffic Noise Prediction Model

Data Input Sheet

Project Name : Oceanside GPU
Project Number : 9550
Modeled Condition : Roads - GPU 2050

Surface Refelction: CNEL
Assessment Metric: Hard
Peak ratio to ADT: 10.00
Traffic Desc. (Peak or ADT) : ADT

Segment	Roadway	Segment	Traffic Vol.	Speed	Distance	% Autos	%MT	% HT	Day %	Eve %	Night %	K-Factor
				(Mph)	to CL							
1	N River Road	Douglas Drive to College Boulevard	24,400	45	50	95.00	3.00	2.00	77.00	10.00	13.00	
2	N River Road	College Boulevard to Vandegrift Boulevard	44,300	45	50	95.00	3.00	2.00	77.00	10.00	13.00	
3	N River Road	Vandegrift Boulevard to North River Circle	17,900	45	50	95.00	3.00	2.00	77.00	10.00	13.00	
4	N River Road	North River Circle to Stallion Drive	16,600	50	50	95.00	3.00	2.00	77.00	10.00	13.00	
5	N River Road	Stallion Drive to Wilshire Road	14,600	50	50	95.00	3.00	2.00	77.00	10.00	13.00	
6	N River Road	Wilshire Road to Sleeping Indian Road	12,000	50	50	95.00	3.00	2.00	77.00	10.00	13.00	
7	N River Road	Sleeping Indian Road to Via Puerta Del Sol	9,800	50	50	95.00	3.00	2.00	77.00	10.00	13.00	
8	N River Road	Via Puerta Del Sol to SR-76	9,800	50	50	95.00	3.00	2.00	77.00	10.00	13.00	
9	Frazee Road	Old Grove Road to SR-76	7,000	30	50	95.00	3.00	2.00	77.00	10.00	13.00	
10	Frazee Road	SR-76 to College Boulevard	9,000	35	50	95.00	3.00	2.00	77.00	10.00	13.00	
11	SR-76	N Coast Highway to I-5 SB Ramps	20,300	35	50	94.70	3.60	1.70	77.00	10.00	13.00	
12	SR-76	I-5 SB Ramps to I-5 NB Ramps	37,900	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
13	SR-76	I-5 NB Ramps to Loretta Street	53,500	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
14	SR-76	Loretta Street to Canyon Drive	59,400	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
15	SR-76	Canyon Drive to Foussat Road	52,600	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
16	SR-76	Foussat Road to Douglas Drive	52,800	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
17	SR-76	Douglas Drive to Rancho Del Oro Drive	51,900	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
18	SR-76	Rancho Del Oro Drive to Old Grove Road	50,300	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
19	SR-76	Old Grove Road to Frazee Road	49,200	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
20	SR-76	Frazee Road to Town Center Drive	50,100	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
21	SR-76	Town Center Drive to College Boulevard	49,500	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
22	SR-76	College Boulevard to N Santa Fe Avenue	58,000	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
23	SR-76	N Santa Fe Avenue to Guajome Lake Road	56,500	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
24	SR-76	Guajome Lake Road to Melrose Drive	57,300	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
25	SR-76	Melrose Drive to East Vista Way	53,500	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
26	SR-76	East Vista Way to N River Road	49,000	55	50	94.70	3.60	1.70	77.00	10.00	13.00	
27	Mission Avenue	N Pacific Street to N Coast Highway	9,400	25	50	95.00	3.00	2.00	77.00	10.00	13.00	
28	Mission Avenue	N Coast Highway to N Clementine Street	10,200	25	50	95.00	3.00	2.00	77.00	10.00	13.00	

Roads - GPU 2050

29	Mission Avenue	N Clementine Street to Horne Street	13,000	25	50	95.00	3.00	2.00	77.00	10.00	13.00
30	Mission Avenue	Horne Street to I-5 SB Ramps	23,400	30	50	95.00	3.00	2.00	77.00	10.00	13.00
31	Mission Avenue	I-5 SB Ramps to I-5 NB Ramps	32,300	30	50	95.00	3.00	2.00	77.00	10.00	13.00
32	Mission Avenue	I-5 NB Ramps to Canyon Drive	33,600	35	50	95.00	3.00	2.00	77.00	10.00	13.00
33	Mission Avenue	Canyon Drive to Mesa Drive	28,300	30	50	95.00	3.00	2.00	77.00	10.00	13.00
34	Mission Avenue	Mesa Drive to Foussat Road	30,000	50	50	95.00	3.00	2.00	77.00	10.00	13.00
35	Mission Avenue	Foussat Road to El Camino Real	34,900	45	50	95.00	3.00	2.00	77.00	10.00	13.00
36	Mission Avenue	El Camino Real to Douglas Drive	29,300	45	50	95.00	3.00	2.00	77.00	10.00	13.00
37	Mission Avenue	Douglas Drive to Rancho Del Oro Drive	28,600	45	50	95.00	3.00	2.00	77.00	10.00	13.00
38	Mission Avenue	Rancho Del Oro Drive to Old Grove Road	16,500	45	50	95.00	3.00	2.00	77.00	10.00	13.00
39	Mission Avenue	Old Grove Road to Frazee Road	11,800	45	50	95.00	3.00	2.00	77.00	10.00	13.00
40	Mesa Drive	Mission Avenue to Foussat Road	8,400	30	50	95.00	3.00	2.00	77.00	10.00	13.00
41	Mesa Drive	Foussat Road to El Camino Real	6,600	40	50	95.00	3.00	2.00	77.00	10.00	13.00
42	Mesa Drive	El Camino Real to Rancho Del Oro Drive	15,800	45	50	95.00	3.00	2.00	77.00	10.00	13.00
43	Mesa Drive	Rancho Del Oro Drive to Ivey Ranch Road	14,800	45	50	95.00	3.00	2.00	77.00	10.00	13.00
44	Mesa Drive	Ivey Ranch Road to Via Rancho Road	12,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00
45	Mesa Drive	Via Rancho Road to Old Grove Road	15,900	45	50	95.00	3.00	2.00	77.00	10.00	13.00
46	Mesa Drive	Old Grove Road to College Boulevard	14,400	45	50	95.00	3.00	2.00	77.00	10.00	13.00
47	Mesa Drive	College Boulevard to N Santa Fe Drive	13,500	45	50	95.00	3.00	2.00	77.00	10.00	13.00
48	Seagaze Drive	S Coast Highway to S Clementine Street	5,500	25	50	95.00	3.00	2.00	77.00	10.00	13.00
49	Seagaze Drive	S Clementine Street to Horne Street	5,500	25	50	95.00	3.00	2.00	77.00	10.00	13.00
50	Oceanside Boulevard	S Pacific Street to S Coast Highway	8,300	25	50	95.00	3.00	2.00	77.00	10.00	13.00
51	Oceanside Boulevard	S Coast Highway to I-5 SB Ramps	26,700	35	50	95.00	3.00	2.00	77.00	10.00	13.00
52	Oceanside Boulevard	I-5 SB Ramps to I-5 NB Ramps	30,400	35	50	95.00	3.00	2.00	77.00	10.00	13.00
53	Oceanside Boulevard	I-5 NB Ramps to Goat Hill Drive	33,500	35	50	95.00	3.00	2.00	77.00	10.00	13.00
54	Oceanside Boulevard	Goat Hill Drive to Crouch Street	33,200	35	50	95.00	3.00	2.00	77.00	10.00	13.00
55	Oceanside Boulevard	Crouch Street to Foussat Road	34,200	40	50	95.00	3.00	2.00	77.00	10.00	13.00
56	Oceanside Boulevard	Foussat Road to El Camino Real	32,200	40	50	95.00	3.00	2.00	77.00	10.00	13.00
57	Oceanside Boulevard	El Camino Real to Rancho Del Oro Drive	36,900	55	50	95.00	3.00	2.00	77.00	10.00	13.00
58	Oceanside Boulevard	Rancho Del Oro Drive to College Boulevard	43,000	55	50	95.00	3.00	2.00	77.00	10.00	13.00
59	Oceanside Boulevard	College Boulevard to Arroyo Avenue	34,000	50	50	95.00	3.00	2.00	77.00	10.00	13.00
60	Oceanside Boulevard	Arroyo Avenue to Temple Heights Drive	29,200	50	50	95.00	3.00	2.00	77.00	10.00	13.00
61	Oceanside Boulevard	Temple Heights Drive to N Melrose Drive	28,400	50	50	95.00	3.00	2.00	77.00	10.00	13.00
62	Oceanside Boulevard	N Melrose Drive to Eastern City Limits	27,000	40	50	95.00	3.00	2.00	77.00	10.00	13.00
63	Vista Way	Coast Highway to I-5 SB Ramps	20,200	30	50	95.00	3.00	2.00	77.00	10.00	13.00
64	Vista Way	Jefferson Street to El Camino Real	25,000	35	50	95.00	3.00	2.00	77.00	10.00	13.00
65	Vista Way	El Camino Real to Rancho Del Oro Drive	27,300	45	50	95.00	3.00	2.00	77.00	10.00	13.00
66	Vista Way	Rancho Del Oro Drive to College Boulevard	23,900	40	50	95.00	3.00	2.00	77.00	10.00	13.00
67	Vista Way	College Boulevard to SR-78 WB Ramps	29,400	35	50	95.00	3.00	2.00	77.00	10.00	13.00
68	Vista Way	SR-78 WB Ramps to Thunder Drive	22,700	35	50	95.00	3.00	2.00	77.00	10.00	13.00
69	Plaza Drive	College Boulevard to SR-78 EB Ramps	26,500	35	50	95.00	3.00	2.00	77.00	10.00	13.00
70	Plaza Drive	SR-78 EB Ramps to Thunder Drive	14,300	35	50	95.00	3.00	2.00	77.00	10.00	13.00
71	Marron Road	Western City Limit to College Boulevard	22,000	25	50	95.00	3.00	2.00	77.00	10.00	13.00
72	Lake Boulevard	College Boulevard to Thunder Drive	18,600	35	50	95.00	3.00	2.00	77.00	10.00	13.00
73	Lake Boulevard	Thunder Drive to Sundown Lane	18,500	35	50	95.00	3.00	2.00	77.00	10.00	13.00
74	Lake Boulevard	Sundown Lane to Sky Haven Lane	18,500	35	50	95.00	3.00	2.00	77.00	10.00	13.00
75	Lake Boulevard	Sky Haven Lane to Alameda Drive	16,600	45	50	95.00	3.00	2.00	77.00	10.00	13.00
76	Lake Boulevard	Alameda Drive to Cannon Road	16,900	45	50	95.00	3.00	2.00	77.00	10.00	13.00
77	Cannon Road	Western Terminus to Melrose Drive	33,700	40	50	95.00	3.00	2.00	77.00	10.00	13.00
78	N Coast Highway	Northern City Limit to SR-76	15,000	25	50	95.00	3.00	2.00	77.00	10.00	13.00
79	N Coast Highway	SR-76 to Mission Avenue	27,400	25	50	95.00	3.00	2.00	77.00	10.00	13.00
80	N Coast Highway	Mission Avenue to Seagaze Drive	32,500	25	50	95.00	3.00	2.00	77.00	10.00	13.00
81	S Coast Highway	Seagaze Drive to Wisconsin Avenue	32,500	25	50	95.00	3.00	2.00	77.00	10.00	13.00
82	S Coast Highway	Wisconsin Avenue to Oceanside Boulevard	24,400	35	50	95.00	3.00	2.00	77.00	10.00	13.00
83	S Coast Highway	Oceanside Boulevard to Morse Street	25,700	35	50	95.00	3.00	2.00	77.00	10.00	13.00
84	S Coast Highway	Morse Street to Vista Way	25,500	35	50	95.00	3.00	2.00	77.00	10.00	13.00
85	S Coast Highway	Vista Way to Southern City Limit	21,600	35	50	95.00	3.00	2.00	77.00	10.00	13.00

86	Horne Street	Civic Center Drive to Pier View Way	7,800	25	50	95.00	3.00	2.00	77.00	10.00	13.00
87	Horne Street	Pier View Way to Mission Avenue	12,000	25	50	95.00	3.00	2.00	77.00	10.00	13.00
88	Horne Street	Mission Avenue to Seagaze Drive	6,500	25	50	95.00	3.00	2.00	77.00	10.00	13.00
89	Canyon Drive	SR-76 to Mission Ave	10,700	45	50	95.00	3.00	2.00	77.00	10.00	13.00
90	Canyon Drive	Mission Avenue to Oceanside Boulevard	12,900	35	50	95.00	3.00	2.00	77.00	10.00	13.00
91	Crouch Street	Canyon Drive to Oceanside Boulevard	8,800	30	50	95.00	3.00	2.00	77.00	10.00	13.00
92	Crouch Street	Oceanside Boulevard to Skylark Drive	12,500	25	50	95.00	3.00	2.00	77.00	10.00	13.00
93	Crouch Street	Skylark Drive to Grandview Street	6,250	25	50	95.00	3.00	2.00	77.00	10.00	13.00
94	Foussat Road	Alex Road to SR-76	10,400	40	50	95.00	3.00	2.00	77.00	10.00	13.00
95	Foussat Road	SR-76 to Mission Ave	17,200	40	50	95.00	3.00	2.00	77.00	10.00	13.00
96	Foussat Road	Mission Avenue to Oceanside Boulevard	11,400	25	50	95.00	3.00	2.00	77.00	10.00	13.00
97	Jefferson Street	Vista Way to SR-78 WB Ramps	22,000	40	50	95.00	3.00	2.00	77.00	10.00	13.00
98	Jefferson Street	SR-78 WB Ramps to SR-78 EB Ramps	33,400	40	50	95.00	3.00	2.00	77.00	10.00	13.00
99	Jefferson Street	SR-78 EB Ramps to Southern City Limits	13,900	40	50	95.00	3.00	2.00	77.00	10.00	13.00
100	El Camino Real	Douglas Drive to Mission Ave	26,700	35	50	95.00	3.00	2.00	77.00	10.00	13.00
101	El Camino Real	Mission Avenue to Mesa Drive	34,500	45	50	95.00	3.00	2.00	77.00	10.00	13.00
102	El Camino Real	Mesa Drive to Oceanside Boulevard	42,300	45	50	95.00	3.00	2.00	77.00	10.00	13.00
103	El Camino Real	Oceanside Boulevard to Fire Mountain Drive	56,800	45	50	95.00	3.00	2.00	77.00	10.00	13.00
104	El Camino Real	Fire Mountain Drive to Via Las Rosas	56,700	45	50	95.00	3.00	2.00	77.00	10.00	13.00
105	El Camino Real	Via Las Rosas to Vista Way	53,800	45	50	95.00	3.00	2.00	77.00	10.00	13.00
106	El Camino Real	Vista Way to SR-78 WB Ramps	57,900	40	50	95.00	3.00	2.00	77.00	10.00	13.00
107	El Camino Real	SR-78 WB Ramps to SR-78 EB Ramps	50,500	40	50	95.00	3.00	2.00	77.00	10.00	13.00
108	Douglas Drive	Vandegrift Boulevard to Via Malaguena	9,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00
109	Douglas Drive	Via Malaguena to Cardiff Bay Drive	9,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00
110	Douglas Drive	Cardiff Bay Drive to Festival Drive	12,100	45	50	95.00	3.00	2.00	77.00	10.00	13.00
111	Douglas Drive	Festival Drive to N River Road	24,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00
112	Douglas Drive	N River Road to Old River Street	38,600	50	50	95.00	3.00	2.00	77.00	10.00	13.00
113	Douglas Drive	Old River Street to Pala Road	39,900	50	50	95.00	3.00	2.00	77.00	10.00	13.00
114	Douglas Drive	Pala Road to El Camino Real	40,500	50	50	95.00	3.00	2.00	77.00	10.00	13.00
115	Douglas Drive	El Camino Real to Mission Ave	27,600	40	50	95.00	3.00	2.00	77.00	10.00	13.00
116	Douglas Drive	Mission Avenue to SR-76	25,200	40	50	95.00	3.00	2.00	77.00	10.00	13.00
117	Rancho Del Oro Drive	Mission Avenue to SR-76	11,500	45	50	95.00	3.00	2.00	77.00	10.00	13.00
118	Rancho Del Oro Drive	SR-76 to Mesa Drive	21,400	45	50	95.00	3.00	2.00	77.00	10.00	13.00
119	Rancho Del Oro Drive	Mesa Drive to Ocean Ranch Boulevard	20,300	50	50	95.00	3.00	2.00	77.00	10.00	13.00
120	Rancho Del Oro Drive	Ocean Ranch Boulevard to Senior Center Drive	21,100	50	50	95.00	3.00	2.00	77.00	10.00	13.00
121	Rancho Del Oro Drive	Senior Center Drive to Oceanside Boulevard	23,500	50	50	95.00	3.00	2.00	77.00	10.00	13.00
122	Rancho Del Oro Drive	Oceanside Boulevard to Vista Del Oro Drive	33,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00
123	Rancho Del Oro Drive	Vista Del Oro Drive to Vista Way	36,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00
124	Rancho Del Oro Drive	Vista Way to SR-78	40,000	35	50	95.00	3.00	2.00	77.00	10.00	13.00
125	Old Grove Road	Frazee Road to SR-76	7,700	40	50	95.00	3.00	2.00	77.00	10.00	13.00
126	Old Grove Road	SR-76 to Mission Avenue	12,200	40	50	95.00	3.00	2.00	77.00	10.00	13.00
127	Old Grove Road	Mission Avenue to Mesa Drive	16,000	40	50	95.00	3.00	2.00	77.00	10.00	13.00
128	Old Grove Road	Mesa Drive to College Boulevard	20,400	35	50	95.00	3.00	2.00	77.00	10.00	13.00
129	Vandegrift Boulevard	Northern City Limit to Douglas Drive	23,200	55	50	95.00	3.00	2.00	77.00	10.00	13.00
130	Vandegrift Boulevard	Douglas Drive to N River Road	34,600	55	50	95.00	3.00	2.00	77.00	10.00	13.00
131	College Boulevard	N River Road to Adams Street	47,600	40	50	95.00	3.00	2.00	77.00	10.00	13.00
132	College Boulevard	Adams Street to SR-76	48,600	45	50	95.00	3.00	2.00	77.00	10.00	13.00
133	College Boulevard	SR-76 to Frazee Road	34,400	50	50	95.00	3.00	2.00	77.00	10.00	13.00
134	College Boulevard	Frazee Road to Mesa Drive	37,500	50	50	95.00	3.00	2.00	77.00	10.00	13.00
135	College Boulevard	Mesa Drive to Old Grove Road	35,800	50	50	95.00	3.00	2.00	77.00	10.00	13.00
136	College Boulevard	Old Grove Road to Avenida De La Plata	44,500	45	50	95.00	3.00	2.00	77.00	10.00	13.00
137	College Boulevard	Avenida De La Plata to Oceanside Boulevard	47,400	45	50	95.00	3.00	2.00	77.00	10.00	13.00
138	College Boulevard	Oceanside Boulevard to Olive Avenue	60,500	45	50	95.00	3.00	2.00	77.00	10.00	13.00
139	College Boulevard	Olive Drive to Thunder Drive	46,700	45	50	95.00	3.00	2.00	77.00	10.00	13.00
140	College Boulevard	Thunder Drive to Marvin Street	41,400	45	50	95.00	3.00	2.00	77.00	10.00	13.00
141	College Boulevard	Marvin Street to Waring Road	41,800	50	50	95.00	3.00	2.00	77.00	10.00	13.00
142	College Boulevard	Waring Road to Vista Way	46,500	35	50	95.00	3.00	2.00	77.00	10.00	13.00

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143	College Boulevard	Vista Way to SR-78 EB Off-Ramp	62,300	35	50	95.00	3.00	2.00	77.00	10.00	13.00
144	College Boulevard	SR-78 EB Off-Ramp to Haymar Drive / Plaza Drive	61,400	35	50	95.00	3.00	2.00	77.00	10.00	13.00
145	College Boulevard	Plaza Drive to Lake Boulevard	54,800	35	50	95.00	3.00	2.00	77.00	10.00	13.00
146	College Boulevard	Lake Boulevard to Southern City Limits	48,000	45	50	95.00	3.00	2.00	77.00	10.00	13.00
147	Wilshire Road	Northern Terminus to N River Road	2,000	35	50	95.00	3.00	2.00	77.00	10.00	13.00
148	N Santa Fe Avenue	SR-76 to Mesa Drive	28,400	50	50	95.00	3.00	2.00	77.00	10.00	13.00
149	N Santa Fe Avenue	Mesa Drive to N Melrose Drive	29,400	50	50	95.00	3.00	2.00	77.00	10.00	13.00
150	N Santa Fe Avenue	N Melrose Drive to Eastern City Limits	22,400	45	50	95.00	3.00	2.00	77.00	10.00	13.00
151	Melrose Drive	Northern terminus to SR-76	17,800	40	50	95.00	3.00	2.00	77.00	10.00	13.00
152	Melrose Drive	SR-76 to Old Ranch Road	11,700	40	50	95.00	3.00	2.00	77.00	10.00	13.00
153	Melrose Drive	Old Ranch Road to Spur Avenue	13,700	40	50	95.00	3.00	2.00	77.00	10.00	13.00
154	Melrose Drive	N Santa Fe Drive to Sagewood Drive	20,200	45	50	95.00	3.00	2.00	77.00	10.00	13.00
155	Melrose Drive	Sagewood Drive to Meadowbrook Drive	26,900	45	50	95.00	3.00	2.00	77.00	10.00	13.00
156	Melrose Drive	Meadowbrook Drive to Oceanside Boulevard	28,400	45	50	95.00	3.00	2.00	77.00	10.00	13.00
157	Melrose Drive	Oceanside Boulevard to Southern City Limits	38,400	45	50	95.00	3.00	2.00	77.00	10.00	13.00
158	Sleeping Indian Road	Northern City Limit to N River Road	7,500	35	50	95.00	3.00	2.00	77.00	10.00	13.00

FHWA RD-77-108
Traffic Noise Prediction Model

Predicted Noise Levels

Project Name : Oceanside GPU
Project Number : 9550
Modeled Condition : Roads - GPU 2050
Assessment Metric: Hard

Segment	Roadway	Segment	Noise Levels, dBA Hard				Distance to Traffic Noise Level Contours, Feet					
			Auto	MT	HT	Total	75 dB	70 dB	65 dB	60 dB	55 dB	50 dB
1	N River Road	Douglas Drive to College Boulevard	71.4	64.6	67.4	73	35	109	346	1,094	3,459	10,939
2	N River Road	College Boulevard to Vandegrift Boulevard	74.0	67.2	70.0	76	63	199	629	1,991	6,295	19,905
3	N River Road	Vandegrift Boulevard to North River Circle	70.0	63.3	66.0	72	26	81	256	811	2,564	8,109
4	N River Road	North River Circle to Stallion Drive	71.0	63.7	66.1	73	30	95	301	953	3,013	9,527
5	N River Road	Stallion Drive to Wilshire Road	70.5	63.1	65.6	72	26	83	262	830	2,624	8,298
6	N River Road	Wilshire Road to Sleeping Indian Road	69.6	62.3	64.7	71	22	69	218	690	2,183	6,902
7	N River Road	Sleeping Indian Road to Via Puerta Del Sol	68.7	61.4	63.8	71	18	56	177	561	1,774	5,610
8	N River Road	Via Puerta Del Sol to SR-76	68.7	61.4	63.8	71	18	56	177	561	1,774	5,610
9	Frazee Road	Old Grove Road to SR-76	60.9	56.5	61.8	65	5	16	50	158	500	1,581
10	Frazee Road	SR-76 to College Boulevard	63.9	58.6	62.0	67	8	24	76	239	757	2,393
11	SR-76	N Coast Highway to I-5 SB Ramps	67.4	62.9	64.9	70	17	52	166	524	1,656	5,236
12	SR-76	I-5 SB Ramps to I-5 NB Ramps	75.8	68.7	69.4	77	85	269	849	2,685	8,491	26,852
13	SR-76	I-5 NB Ramps to Loretta Street	77.3	70.2	70.9	79	120	379	1,199	3,793	11,994	37,929
14	SR-76	Loretta Street to Canyon Drive	77.7	70.6	71.3	79	135	426	1,346	4,256	13,458	42,557
15	SR-76	Canyon Drive to Foussat Road	77.2	70.1	70.8	79	117	371	1,172	3,707	11,721	37,066
16	SR-76	Foussat Road to Douglas Drive	77.2	70.1	70.8	79	120	379	1,199	3,793	11,994	37,929
17	SR-76	Douglas Drive to Rancho Del Oro Drive	77.2	70.1	70.7	79	117	371	1,172	3,707	11,721	37,066
18	SR-76	Rancho Del Oro Drive to Old Grove Road	77.0	69.9	70.6	79	115	362	1,145	3,622	11,454	36,222
19	SR-76	Old Grove Road to Frazee Road	76.9	69.8	70.5	79	112	354	1,119	3,540	11,194	35,397
20	SR-76	Frazee Road to Town Center Drive	77.0	69.9	70.6	79	112	354	1,119	3,540	11,194	35,397
21	SR-76	Town Center Drive to College Boulevard	77.0	69.8	70.5	79	112	354	1,119	3,540	11,194	35,397
22	SR-76	College Boulevard to N Santa Fe Avenue	77.6	70.5	71.2	79	132	416	1,315	4,159	13,151	41,588
23	SR-76	N Santa Fe Avenue to Guajome Lake Road	77.5	70.4	71.1	79	129	406	1,285	4,064	12,852	40,642
24	SR-76	Guajome Lake Road to Melrose Drive	77.6	70.5	71.2	79	129	406	1,285	4,064	12,852	40,642
25	SR-76	Melrose Drive to East Vista Way	77.3	70.2	70.9	79	120	379	1,199	3,793	11,994	37,929
26	SR-76	East Vista Way to N River Road	76.9	69.8	70.5	78	109	346	1,094	3,459	10,939	34,592
27	Mission Avenue	N Pacific Street to N Coast Highway	59.9	56.5	62.4	65	5	16	50	158	500	1,581
28	Mission Avenue	N Coast Highway to N Clementine Street	60.2	56.9	62.7	65	5	17	54	169	536	1,694
29	Mission Avenue	N Clementine Street to Horne Street	61.3	57.9	63.8	66	7	22	69	218	690	2,183
30	Mission Avenue	Horne Street to I-5 SB Ramps	66.1	61.7	67.1	70	17	54	169	536	1,694	5,358
31	Mission Avenue	I-5 SB Ramps to I-5 NB Ramps	67.5	63.1	68.5	72	23	74	234	740	2,339	7,396
32	Mission Avenue	I-5 NB Ramps to Canyon Drive	69.6	64.3	67.7	73	28	89	281	889	2,812	8,891
33	Mission Avenue	Canyon Drive to Mesa Drive	67.0	62.5	67.9	71	20	64	204	644	2,037	6,441
34	Mission Avenue	Mesa Drive to Foussat Road	73.6	66.2	68.7	75	55	173	548	1,734	5,482	17,337
35	Mission Avenue	Foussat Road to El Camino Real	72.9	66.2	68.9	75	50	158	500	1,581	5,000	15,811
36	Mission Avenue	El Camino Real to Douglas Drive	72.2	65.4	68.2	74	42	132	416	1,315	4,159	13,151
37	Mission Avenue	Douglas Drive to Rancho Del Oro Drive	72.1	65.3	68.1	74	41	129	406	1,285	4,064	12,852
38	Mission Avenue	Rancho Del Oro Drive to Old Grove Road	69.7	62.9	65.7	72	23	74	234	740	2,339	7,396
39	Mission Avenue	Old Grove Road to Frazee Road	68.2	61.5	64.2	70	17	54	169	536	1,694	5,358
40	Mesa Drive	Mission Avenue to Foussat Road	61.7	57.2	62.6	66	6	19	60	190	601	1,901
41	Mesa Drive	Foussat Road to El Camino Real	64.2	58.1	61.2	67	7	23	74	234	740	2,339
42	Mesa Drive	El Camino Real to Rancho Del Oro Drive	69.5	62.7	65.5	72	23	72	229	723	2,285	7,227
43	Mesa Drive	Rancho Del Oro Drive to Ivey Ranch Road	69.2	62.5	65.2	71	21	67	213	674	2,133	6,745
44	Mesa Drive	Ivey Ranch Road to Via Rancho Road	68.3	61.5	64.3	70	17	55	173	548	1,734	5,482
45	Mesa Drive	Via Rancho Road to Old Grove Road	69.5	62.8	65.5	72	23	72	229	723	2,285	7,227

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46	Mesa Drive	Old Grove Road to College Boulevard	69.1	62.3	65.1	71	21	66	208	659	2,084	6,591
47	Mesa Drive	College Boulevard to N Santa Fe Drive	68.8	62.1	64.8	71	19	62	195	615	1,945	6,151
48	Seagaze Drive	S Coast Highway to S Clementine Street	57.6	54.2	60.0	63	3	9	29	93	294	931
49	Seagaze Drive	S Clementine Street to Horne Street	57.6	54.2	60.0	63	3	9	29	93	294	931
50	Oceanside Boulevard	S Pacific Street to S Coast Highway	59.3	56.0	61.8	64	4	14	44	138	435	1,377
51	Oceanside Boulevard	S Coast Highway to I-5 SB Ramps	68.6	63.3	66.7	72	22	71	223	706	2,233	7,063
52	Oceanside Boulevard	I-5 SB Ramps to I-5 NB Ramps	69.2	63.9	67.3	72	26	81	256	811	2,564	8,109
53	Oceanside Boulevard	I-5 NB Ramps to Goat Hill Drive	69.6	64.3	67.7	73	28	89	281	889	2,812	8,891
54	Oceanside Boulevard	Goat Hill Drive to Crouch Street	69.6	64.3	67.7	73	28	89	281	889	2,812	8,891
55	Oceanside Boulevard	Crouch Street to Foussat Road	71.4	65.3	68.4	74	38	120	379	1,199	3,793	11,994
56	Oceanside Boulevard	Foussat Road to El Camino Real	71.1	65.0	68.1	74	35	112	354	1,119	3,540	11,194
57	Oceanside Boulevard	El Camino Real to Rancho Del Oro Drive	75.7	67.8	70.0	77	83	262	830	2,624	8,298	26,240
58	Oceanside Boulevard	Rancho Del Oro Drive to College Boulevard	76.4	68.4	70.6	78	97	308	975	3,083	9,749	30,830
59	Oceanside Boulevard	College Boulevard to Arroyo Avenue	74.1	66.8	69.2	76	62	195	615	1,945	6,151	19,452
60	Oceanside Boulevard	Arroyo Avenue to Temple Heights Drive	73.5	66.1	68.6	75	54	169	536	1,694	5,358	16,942
61	Oceanside Boulevard	Temple Heights Drive to N Melrose Drive	73.4	66.0	68.4	75	51	162	512	1,618	5,116	16,180
62	Oceanside Boulevard	N Melrose Drive to Eastern City Limits	70.3	64.3	67.3	73	30	95	301	953	3,013	9,527
63	Vista Way	Coast Highway to I-5 SB Ramps	65.5	61.1	66.4	70	14	46	144	456	1,442	4,560
64	Vista Way	Jefferson Street to El Camino Real	68.3	63.0	66.5	71	21	66	208	659	2,084	6,591
65	Vista Way	El Camino Real to Rancho Del Oro Drive	71.9	65.1	67.8	74	39	123	388	1,227	3,881	12,274
66	Vista Way	Rancho Del Oro Drive to College Boulevard	69.8	63.7	66.8	72	26	83	262	830	2,624	8,298
67	Vista Way	College Boulevard to SR-78 WB Ramps	69.0	63.7	67.2	72	24	77	245	774	2,449	7,744
68	Vista Way	SR-78 WB Ramps to Thunder Drive	67.9	62.6	66.0	71	19	60	190	601	1,901	6,011
69	Plaza Drive	College Boulevard to SR-78 EB Ramps	68.6	63.3	66.7	72	22	71	223	706	2,233	7,063
70	Plaza Drive	SR-78 EB Ramps to Thunder Drive	65.9	60.6	64.0	69	12	38	120	379	1,199	3,793
71	Marron Road	Western City Limit to College Boulevard	63.6	60.2	66.1	69	12	37	117	371	1,172	3,707
72	Lake Boulevard	College Boulevard to Thunder Drive	67.1	61.7	65.2	70	15	49	155	489	1,545	4,886
73	Lake Boulevard	Thunder Drive to Sundown Lane	67.0	61.7	65.2	70	15	49	155	489	1,545	4,886
74	Lake Boulevard	Sundown Lane to Sky Haven Lane	67.0	61.7	65.2	70	15	49	155	489	1,545	4,886
75	Lake Boulevard	Sky Haven Lane to Alameda Drive	69.7	63.0	65.7	72	24	76	239	757	2,393	7,568
76	Lake Boulevard	Alameda Drive to Cannon Road	69.8	63.0	65.8	72	24	76	239	757	2,393	7,568
77	Cannon Road	Western Terminus to Melrose Drive	71.3	65.2	68.3	74	37	117	371	1,172	3,707	11,721
78	N Coast Highway	Northern City Limit to SR-76	61.9	58.5	64.4	67	8	25	79	251	792	2,506
79	N Coast Highway	SR-76 to Mission Avenue	64.5	61.1	67.0	70	14	46	144	456	1,442	4,560
80	N Coast Highway	Mission Avenue to Seagaze Drive	65.3	61.9	67.8	70	17	55	173	548	1,734	5,482
81	S Coast Highway	Seagaze Drive to Wisconsin Avenue	65.3	61.9	67.8	70	17	55	173	548	1,734	5,482
82	S Coast Highway	Wisconsin Avenue to Oceanside Boulevard	68.2	62.9	66.4	71	20	64	204	644	2,037	6,441
83	S Coast Highway	Oceanside Boulevard to Morse Street	68.5	63.1	66.6	71	21	67	213	674	2,133	6,745
84	S Coast Highway	Morse Street to Vista Way	68.4	63.1	66.5	71	21	67	213	674	2,133	6,745
85	S Coast Highway	Vista Way to Southern City Limit	67.7	62.4	65.8	71	18	57	182	574	1,815	5,741
86	Horne Street	Civic Center Drive to Pier View Way	59.1	55.7	61.6	64	4	13	42	132	416	1,315
87	Horne Street	Pier View Way to Mission Avenue	60.9	57.6	63.4	66	6	20	63	199	629	1,991
88	Horne Street	Mission Avenue to Seagaze Drive	58.3	54.9	60.8	63	3	11	35	109	346	1,094
89	Canyon Drive	SR-76 to Mission Ave	67.8	61.0	63.8	70	15	49	155	489	1,545	4,886
90	Canyon Drive	Mission Avenue to Oceanside Boulevard	65.5	60.2	63.6	68	11	35	109	346	1,094	3,459
91	Crouch Street	Canyon Drive to Oceanside Boulevard	61.9	57.5	62.8	66	6	20	63	199	629	1,991
92	Crouch Street	Oceanside Boulevard to Skylark Drive	61.1	57.7	63.6	66	7	21	66	208	659	2,084
93	Crouch Street	Skylark Drive to Grandview Street	58.1	54.7	60.6	63	3	10	33	104	330	1,045
94	Foussat Road	Alex Road to SR-76	66.2	60.1	63.2	69	11	36	115	362	1,145	3,622
95	Foussat Road	SR-76 to Mission Ave	68.4	62.3	65.4	71	19	60	190	601	1,901	6,011
96	Foussat Road	Mission Avenue to Oceanside Boulevard	60.7	57.3	63.2	66	6	19	60	190	601	1,901
97	Jefferson Street	Vista Way to SR-78 WB Ramps	69.5	63.4	66.4	72	24	77	245	774	2,449	7,744
98	Jefferson Street	SR-78 WB Ramps to SR-78 EB Ramps	71.3	65.2	68.3	74	37	117	371	1,172	3,707	11,721
99	Jefferson Street	SR-78 EB Ramps to Southern City Limits	67.5	61.4	64.4	70	15	49	155	489	1,545	4,886
100	El Camino Real	Douglas Drive to Mission Ave	68.6	63.3	66.7	72	22	71	223	706	2,233	7,063
101	El Camino Real	Mission Avenue to Mesa Drive	72.9	66.1	68.9	75	49	155	489	1,545	4,886	15,451
102	El Camino Real	Mesa Drive to Oceanside Boulevard	73.8	67.0	69.8	76	60	190	601	1,901	6,011	19,009

Roads - GPU 2050

103	El Camino Real	Oceanside Boulevard to Fire Mountain Drive	75.1	68.3	71.0	77	81	256	811	2,564	8,109	25,643
104	El Camino Real	Fire Mountain Drive to Via Las Rosas	75.0	68.3	71.0	77	81	256	811	2,564	8,109	25,643
105	El Camino Real	Via Las Rosas to Vista Way	74.8	68.1	70.8	77	77	245	774	2,449	7,744	24,489
106	El Camino Real	Vista Way to SR-78 WB Ramps	73.7	67.6	70.6	76	64	204	644	2,037	6,441	20,369
107	El Camino Real	SR-78 WB Ramps to SR-78 EB Ramps	73.1	67.0	70.1	76	56	177	561	1,774	5,610	17,741
108	Douglas Drive	Vandegrift Boulevard to Via Malaguena	67.1	60.3	63.0	69	13	41	129	406	1,285	4,064
109	Douglas Drive	Via Malaguena to Cardiff Bay Drive	67.1	60.3	63.0	69	13	41	129	406	1,285	4,064
110	Douglas Drive	Cardiff Bay Drive to Festival Drive	68.3	61.6	64.3	70	17	55	173	548	1,734	5,482
111	Douglas Drive	Festival Drive to N River Road	71.3	64.6	67.3	73	35	109	346	1,094	3,459	10,939
112	Douglas Drive	N River Road to Old River Street	74.7	67.3	69.8	77	71	223	706	2,233	7,063	22,334
113	Douglas Drive	Old River Street to Pala Road	74.8	67.5	69.9	77	72	229	723	2,285	7,227	22,854
114	Douglas Drive	Pala Road to El Camino Real	74.9	67.5	70.0	77	74	234	740	2,339	7,396	23,387
115	Douglas Drive	El Camino Real to Mission Ave	70.4	64.4	67.4	73	31	97	308	975	3,083	9,749
116	Douglas Drive	Mission Avenue to SR-76	70.0	64.0	67.0	73	28	89	281	889	2,812	8,891
117	Rancho Del Oro Drive	Mission Avenue to SR-76	68.1	61.4	64.1	70	17	52	166	524	1,656	5,236
118	Rancho Del Oro Drive	SR-76 to Mesa Drive	70.8	64.1	66.8	73	31	97	308	975	3,083	9,749
119	Rancho Del Oro Drive	Mesa Drive to Ocean Ranch Boulevard	71.9	64.5	67.0	74	37	117	371	1,172	3,707	11,721
120	Rancho Del Oro Drive	Ocean Ranch Boulevard to Senior Center Drive	72.1	64.7	67.2	74	38	120	379	1,199	3,793	11,994
121	Rancho Del Oro Drive	Senior Center Drive to Oceanside Boulevard	72.5	65.2	67.6	74	43	135	426	1,346	4,256	13,458
122	Rancho Del Oro Drive	Oceanside Boulevard to Vista Del Oro Drive	72.7	65.9	68.7	75	48	151	477	1,510	4,775	15,100
123	Rancho Del Oro Drive	Vista Del Oro Drive to Vista Way	73.1	66.3	69.1	75	51	162	512	1,618	5,116	16,180
124	Rancho Del Oro Drive	Vista Way to SR-78	70.4	65.1	68.5	73	34	107	338	1,069	3,380	10,690
125	Old Grove Road	Frazee Road to SR-76	64.9	58.8	61.9	67	8	27	85	269	849	2,685
126	Old Grove Road	SR-76 to Mission Avenue	66.9	60.8	63.9	69	13	43	135	426	1,346	4,256
127	Old Grove Road	Mission Avenue to Mesa Drive	68.1	62.0	65.1	71	18	56	177	561	1,774	5,610
128	Old Grove Road	Mesa Drive to College Boulevard	67.5	62.1	65.6	70	17	54	169	536	1,694	5,358
129	Vandegrift Boulevard	Northern City Limit to Douglas Drive	73.7	65.8	67.9	75	52	166	524	1,656	5,236	16,557
130	Vandegrift Boulevard	Douglas Drive to N River Road	75.4	67.5	69.7	77	79	251	792	2,506	7,924	25,059
131	College Boulevard	N River Road to Adams Street	72.8	66.7	69.8	75	52	166	524	1,656	5,236	16,557
132	College Boulevard	Adams Street to SR-76	74.4	67.6	70.4	76	69	218	690	2,183	6,902	21,826
133	College Boulevard	SR-76 to Frazee Road	74.2	66.8	69.3	76	63	199	629	1,991	6,295	19,905
134	College Boulevard	Frazee Road to Mesa Drive	74.6	67.2	69.6	76	67	213	674	2,133	6,745	21,329
135	College Boulevard	Mesa Drive to Old Grove Road	74.4	67.0	69.4	76	64	204	644	2,037	6,441	20,369
136	College Boulevard	Old Grove Road to Avenida De La Plata	74.0	67.2	70.0	76	64	204	644	2,037	6,441	20,369
137	College Boulevard	Avenida De La Plata to Oceanside Boulevard	74.3	67.5	70.2	76	67	213	674	2,133	6,745	21,329
138	College Boulevard	Oceanside Boulevard to Olive Avenue	75.3	68.6	71.3	77	87	275	869	2,748	8,689	27,477
139	College Boulevard	Olive Drive to Thunder Drive	74.2	67.4	70.2	76	67	213	674	2,133	6,745	21,329
140	College Boulevard	Thunder Drive to Marvin Street	73.7	66.9	69.7	76	59	186	587	1,858	5,874	18,577
141	College Boulevard	Marvin Street to Waring Road	75.0	67.7	70.1	77	76	239	757	2,393	7,568	23,932
142	College Boulevard	Waring Road to Vista Way	71.0	65.7	69.2	74	39	123	388	1,227	3,881	12,274
143	College Boulevard	Vista Way to SR-78 EB Off-Ramp	72.3	67.0	70.4	75	52	166	524	1,656	5,236	16,557
144	College Boulevard	SR-78 EB Off-Ramp to Haymar Drive / Plaza Drive	72.2	66.9	70.4	75	51	162	512	1,618	5,116	16,180
145	College Boulevard	Plaza Drive to Lake Boulevard	71.8	66.4	69.9	75	46	144	456	1,442	4,560	14,420
146	College Boulevard	Lake Boulevard to Southern City Limits	74.3	67.6	70.3	76	69	218	690	2,183	6,902	21,826
147	Wilshire Road	Northern Terminus to N River Road	57.4	52.1	55.5	60	2	5	17	54	169	536
148	N Santa Fe Avenue	SR-76 to Mesa Drive	73.4	66.0	68.4	75	51	162	512	1,618	5,116	16,180
149	N Santa Fe Avenue	Mesa Drive to N Melrose Drive	73.5	66.1	68.6	75	54	169	536	1,694	5,358	16,942
150	N Santa Fe Avenue	N Melrose Drive to Eastern City Limits	71.0	64.3	67.0	73	32	102	323	1,021	3,228	10,209
151	Melrose Drive	Northern terminus to SR-76	68.5	62.5	65.5	71	20	63	199	629	1,991	6,295
152	Melrose Drive	SR-76 to Old Ranch Road	66.7	60.6	63.7	69	13	41	129	406	1,285	4,064
153	Melrose Drive	Old Ranch Road to Spur Avenue	67.4	61.3	64.4	70	15	48	151	477	1,510	4,775
154	Melrose Drive	N Santa Fe Drive to Sagewood Drive	70.6	63.8	66.5	73	29	91	288	910	2,877	9,099
155	Melrose Drive	Sagewood Drive to Meadowbrook Drive	71.8	65.0	67.8	74	39	123	388	1,227	3,881	12,274
156	Melrose Drive	Meadowbrook Drive to Oceanside Boulevard	72.0	65.3	68.0	74	41	129	406	1,285	4,064	12,852
157	Melrose Drive	Oceanside Boulevard to Southern City Limits	73.4	66.6	69.3	75	55	173	548	1,734	5,482	17,337
158	Sleeping Indian Road	Northern City Limit to N River Road	63.1	57.8	61.2	66	6	20	63	199	629	1,991

FHWA RD-77-108
Traffic Noise Prediction Model

Data Input Sheet

Project Name : Oceanside GPU
Project Number : 9550
Modeled Condition : Freeways - Baseline Year 2016

Surface Refelction: CNEL
Assessment Metric: Soft
Peak ratio to ADT: 10.00
Traffic Desc. (Peak or ADT) : ADT

Segment	Roadway	Segment	Traffic Vol.	Speed	Distance	% Autos	%MT	% HT	Day %	Eve %	Night %	K-Factor
				(Mph)	to CL							
159	I-5	Southern City Limits to SR-78	196,800	65	50	93.30	3.20	3.50	77.00	10.00	13.00	
160	I-5	SR-78 to Cassidy Street	198,800	65	50	93.30	3.20	3.50	77.00	10.00	13.00	
161	I-5	Cassidy Street to California Street	196,200	65	50	93.30	3.20	3.50	77.00	10.00	13.00	
162	I-5	California Street to Oceanside Boulevard	198,500	65	50	93.30	3.20	3.50	77.00	10.00	13.00	
163	I-5	Oceanside Boulevard to Mission Avenue	188,400	65	50	93.30	3.20	3.50	77.00	10.00	13.00	
164	I-5	Mission Avenue to SR-76	160,900	65	50	93.30	3.20	3.50	77.00	10.00	13.00	
165	I-5	SR-76 to Harbor Drive	152,200	65	50	93.30	3.20	3.50	77.00	10.00	13.00	
166	I-5	Harbor Drive to Northern City Limits	120,900	65	50	93.30	3.20	3.50	77.00	10.00	13.00	
167	SR-78	I-5 to Jefferson Street	116,800	65	50	95.10	2.30	2.60	77.00	10.00	13.00	
168	SR-78	Jefferson Street to El Camino Real	116,100	65	50	95.10	2.30	2.60	77.00	10.00	13.00	
169	SR-78	El Camino Real to Eastern City Limits	126,200	65	50	95.10	2.30	2.60	77.00	10.00	13.00	

FHWA RD-77-108
Traffic Noise Prediction Model

Predicted Noise Levels

Project Name : Oceanside GPU
 Project Number : 9550
 Modeled Condition : Freeways - Baseline Year 2016
 Assessment Metric: Soft

Segment	Roadway	Segment	Noise Levels, dBA Soft				Distance to Traffic Noise Level Contours, Feet					
			Auto	MT	HT	Total	75 dB	70 dB	65 dB	60 dB	55 dB	50 dB
159	I-5	Southern City Limits to SR-78	85.0	76.5	80.3	87	301	649	1,398	3,013	6,491	13,984
160	I-5	SR-78 to Cassidy Street	85.0	76.5	80.4	87	301	649	1,398	3,013	6,491	13,984
161	I-5	Cassidy Street to California Street	85.0	76.5	80.3	87	301	649	1,398	3,013	6,491	13,984
162	I-5	California Street to Oceanside Boulevard	85.0	76.5	80.4	87	301	649	1,398	3,013	6,491	13,984
163	I-5	Oceanside Boulevard to Mission Avenue	84.8	76.3	80.1	87	292	629	1,356	2,922	6,295	13,561
164	I-5	Mission Avenue to SR-76	84.1	75.6	79.5	86	262	565	1,218	2,624	5,653	12,180
165	I-5	SR-76 to Harbor Drive	83.9	75.3	79.2	86	254	548	1,181	2,545	5,482	11,811
166	I-5	Harbor Drive to Northern City Limits	82.9	74.3	78.2	85	218	470	1,013	2,183	4,702	10,131
167	SR-78	I-5 to Jefferson Street	82.8	72.8	76.8	84	202	435	938	2,021	4,355	9,382
168	SR-78	Jefferson Street to El Camino Real	82.8	72.7	76.7	84	202	435	938	2,021	4,355	9,382
169	SR-78	El Camino Real to Eastern City Limits	83.1	73.1	77.1	84	212	456	982	2,117	4,560	9,824

FHWA RD-77-108
Traffic Noise Prediction Model

Data Input Sheet

Project Name : Oceanside GPU
Project Number : 9550
Modeled Condition : Freeways - 2050

Surface Refelction: CNEL
Assessment Metric: Soft
Peak ratio to ADT: 10.00
Traffic Desc. (Peak or ADT) : ADT

Segment	Roadway	Segment	Traffic Vol.	Speed	Distance	% Autos	%MT	% HT	Day %	Eve %	Night %	K-Factor
				(Mph)	to CL							
159	I-5	Southern City Limits to SR-78	205,200	65	50	93.30	3.20	3.50	77.00	10.00	13.00	
160	I-5	SR-78 to Cassidy Street	213,700	65	50	93.30	3.20	3.50	77.00	10.00	13.00	
161	I-5	Cassidy Street to California Street	215,100	65	50	93.30	3.20	3.50	77.00	10.00	13.00	
162	I-5	California Street to Oceanside Boulevard	217,100	65	50	93.30	3.20	3.50	77.00	10.00	13.00	
163	I-5	Oceanside Boulevard to Mission Avenue	208,400	65	50	93.30	3.20	3.50	77.00	10.00	13.00	
164	I-5	Mission Avenue to SR-76	183,700	65	50	93.30	3.20	3.50	77.00	10.00	13.00	
165	I-5	SR-76 to Harbor Drive	187,200	65	50	93.30	3.20	3.50	77.00	10.00	13.00	
166	I-5	Harbor Drive to Northern City Limits	164,200	65	50	93.30	3.20	3.50	77.00	10.00	13.00	
167	SR-78	I-5 to Jefferson Street	117,700	65	50	95.10	2.30	2.60	77.00	10.00	13.00	
168	SR-78	Jefferson Street to El Camino Real	114,500	65	50	95.10	2.30	2.60	77.00	10.00	13.00	
169	SR-78	El Camino Real to Eastern City Limits	119,600	65	50	95.10	2.30	2.60	77.00	10.00	13.00	

FHWA RD-77-108
Traffic Noise Prediction Model

Predicted Noise Levels

Project Name : Oceanside GPU
 Project Number : 9550
 Modeled Condition : Freeways - 2050
 Assessment Metric: Soft

Segment	Roadway	Segment	Noise Levels, dBA Soft				Distance to Traffic Noise Level Contours, Feet					
			Auto	MT	HT	Total	75 dB	70 dB	65 dB	60 dB	55 dB	50 dB
159	I-5	Southern City Limits to SR-78	85.2	76.6	80.5	87	311	669	1,442	3,107	6,693	14,420
160	I-5	SR-78 to Cassidy Street	85.3	76.8	80.7	87	315	680	1,464	3,155	6,797	14,643
161	I-5	Cassidy Street to California Street	85.4	76.9	80.7	87	320	690	1,487	3,204	6,902	14,870
162	I-5	California Street to Oceanside Boulevard	85.4	76.9	80.8	87	320	690	1,487	3,204	6,902	14,870
163	I-5	Oceanside Boulevard to Mission Avenue	85.2	76.7	80.6	87	311	669	1,442	3,107	6,693	14,420
164	I-5	Mission Avenue to SR-76	84.7	76.2	80.0	86	288	620	1,335	2,877	6,199	13,355
165	I-5	SR-76 to Harbor Drive	84.8	76.2	80.1	87	292	629	1,356	2,922	6,295	13,561
166	I-5	Harbor Drive to Northern City Limits	84.2	75.7	79.5	86	266	574	1,237	2,665	5,741	12,368
167	SR-78	I-5 to Jefferson Street	82.8	72.8	76.8	84	202	435	938	2,021	4,355	9,382
168	SR-78	Jefferson Street to El Camino Real	82.7	72.7	76.7	84	199	429	924	1,991	4,288	9,239
169	SR-78	El Camino Real to Eastern City Limits	82.9	72.9	76.9	84	205	442	953	2,053	4,422	9,527

Distances

ID	Roadway	Segment	2016				2050			
			Distance to (feet)				Distance to (feet)			
			75 CNEL	70 CNEL	65 CNEL	60 CNEL	75 CNEL	70 CNEL	65 CNEL	60 CNEL
1	N River Road	Douglas Drive to College Boulevard	33	104	330	1,045	35	109	346	1,094
2	N River Road	College Boulevard to Vandegrift Boulevard	57	182	574	1,815	63	199	629	1,991
3	N River Road	Vandegrift Boulevard to North River Circle	--	67	213	674	26	81	256	811
4	N River Road	North River Circle to Stallion Drive	26	83	262	830	30	95	301	953
5	N River Road	Stallion Drive to Wilshire Road	--	63	199	629	26	83	262	830
6	N River Road	Wilshire Road to Sleeping Indian Road	--	62	195	615	--	69	218	690
7	N River Road	Sleeping Indian Road to Via Puerta Del Sol	--	49	155	489	--	56	177	561
8	N River Road	Via Puerta Del Sol to SR-76	--	49	155	489	--	56	177	561
9	Frazee Road	Old Grove Road to SR-76	--	--	38	120	--	--	50	158
10	Frazee Road	SR-76 to College Boulevard	--	--	52	166	--	--	76	239
11	SR-76	N Coast Highway to I-5 SB Ramps	--	46	144	456	--	52	166	524
12	SR-76	I-5 SB Ramps to I-5 NB Ramps	76	239	757	2,393	85	269	849	2,685
13	SR-76	I-5 NB Ramps to Loretta Street	120	379	1,199	3,793	120	379	1,199	3,793
14	SR-76	Loretta Street to Canyon Drive	120	379	1,199	3,793	135	426	1,346	4,256
15	SR-76	Canyon Drive to Foussat Road	115	362	1,145	3,622	117	371	1,172	3,707
16	SR-76	Foussat Road to Douglas Drive	115	362	1,145	3,622	120	379	1,199	3,793
17	SR-76	Douglas Drive to Rancho Del Oro Drive	107	338	1,069	3,380	117	371	1,172	3,707
18	SR-76	Rancho Del Oro Drive to Old Grove Road	100	315	998	3,155	115	362	1,145	3,622
19	SR-76	Old Grove Road to Frazee Road	107	338	1,069	3,380	112	354	1,119	3,540
20	SR-76	Frazee Road to Town Center Drive	107	338	1,069	3,380	112	354	1,119	3,540
21	SR-76	Town Center Drive to College Boulevard	107	338	1,069	3,380	112	354	1,119	3,540
22	SR-76	College Boulevard to N Santa Fe Avenue	107	338	1,069	3,380	132	416	1,315	4,159
23	SR-76	N Santa Fe Avenue to Guajome Lake Road	115	362	1,145	3,622	129	406	1,285	4,064
24	SR-76	Guajome Lake Road to Melrose Drive	115	362	1,145	3,622	129	406	1,285	4,064
25	SR-76	Melrose Drive to East Vista Way	115	362	1,145	3,622	120	379	1,199	3,793
26	SR-76	East Vista Way to N River Road	89	281	889	2,812	109	346	1,094	3,459
27	Mission Avenue	N Pacific Street to N Coast Highway	--	--	45	141	--	--	50	158
28	Mission Avenue	N Coast Highway to N Clementine Street	--	--	52	166	--	--	54	169
29	Mission Avenue	N Clementine Street to Horne Street	--	--	52	166	--	--	69	218
30	Mission Avenue	Horne Street to I-5 SB Ramps	--	51	162	512	--	54	169	536
31	Mission Avenue	I-5 SB Ramps to I-5 NB Ramps	--	66	208	659	--	74	234	740
32	Mission Avenue	I-5 NB Ramps to Canyon Drive	--	77	245	774	28	89	281	889
33	Mission Avenue	Canyon Drive to Mesa Drive	--	55	173	548	--	64	204	644
34	Mission Avenue	Mesa Drive to Foussat Road	42	132	416	1,315	55	173	548	1,734
35	Mission Avenue	Foussat Road to El Camino Real	34	107	338	1,069	50	158	500	1,581
36	Mission Avenue	El Camino Real to Douglas Drive	32	100	315	998	42	132	416	1,315
37	Mission Avenue	Douglas Drive to Rancho Del Oro Drive	35	112	354	1,119	41	129	406	1,285
38	Mission Avenue	Rancho Del Oro Drive to Old Grove Road	--	64	204	644	--	74	234	740
39	Mission Avenue	Old Grove Road to Frazee Road	--	46	144	456	--	54	169	536
40	Mesa Drive	Mission Avenue to Foussat Road	--	--	32	100	--	--	60	190
41	Mesa Drive	Foussat Road to El Camino Real	--	--	60	190	--	--	74	234

Distances

ID	Roadway	Segment	2016				2050			
			Distance to (feet)				Distance to (feet)			
			75 CNEL	70 CNEL	65 CNEL	60 CNEL	75 CNEL	70 CNEL	65 CNEL	60 CNEL
42	Mesa Drive	El Camino Real to Rancho Del Oro Drive	--	67	213	674	--	72	229	723
43	Mesa Drive	Rancho Del Oro Drive to Ivey Ranch Road	--	57	182	574	--	67	213	674
44	Mesa Drive	Ivey Ranch Road to Via Rancho Road	--	50	158	500	--	55	173	548
45	Mesa Drive	Via Rancho Road to Old Grove Road	--	64	204	644	--	72	229	723
46	Mesa Drive	Old Grove Road to College Boulevard	--	57	182	574	--	66	208	659
47	Mesa Drive	College Boulevard to N Santa Fe Drive	--	51	162	512	--	62	195	615
48	Seagaze Drive	S Coast Highway to S Clementine Street	--	--	--	74	--	--	29	93
49	Seagaze Drive	S Clementine Street to Horne Street	--	--	--	74	--	--	29	93
50	Oceanside Boulevard	S Pacific Street to S Coast Highway	--	--	29	91	--	--	44	138
51	Oceanside Boulevard	S Coast Highway to I-5 SB Ramps	--	57	182	574	--	71	223	706
52	Oceanside Boulevard	I-5 SB Ramps to I-5 NB Ramps	--	71	223	706	26	81	256	811
53	Oceanside Boulevard	I-5 NB Ramps to Goat Hill Drive	26	83	262	830	28	89	281	889
54	Oceanside Boulevard	Goat Hill Drive to Crouch Street	25	79	251	792	28	89	281	889
55	Oceanside Boulevard	Crouch Street to Foussat Road	35	109	346	1,094	38	120	379	1,199
56	Oceanside Boulevard	Foussat Road to El Camino Real	29	93	294	931	35	112	354	1,119
57	Oceanside Boulevard	El Camino Real to Rancho Del Oro Drive	67	213	674	2,133	83	262	830	2,624
58	Oceanside Boulevard	Rancho Del Oro Drive to College Boulevard	67	213	674	2,133	97	308	975	3,083
59	Oceanside Boulevard	College Boulevard to Arroyo Avenue	47	148	467	1,476	62	195	615	1,945
60	Oceanside Boulevard	Arroyo Avenue to Temple Heights Drive	47	148	467	1,476	54	169	536	1,694
61	Oceanside Boulevard	Temple Heights Drive to N Melrose Drive	47	148	467	1,476	51	162	512	1,618
62	Oceanside Boulevard	N Melrose Drive to Eastern City Limits	--	63	199	629	30	95	301	953
63	Vista Way	Coast Highway to I-5 SB Ramps	--	41	129	406	--	46	144	456
64	Vista Way	Jefferson Street to El Camino Real	--	62	195	615	--	66	208	659
65	Vista Way	El Camino Real to Rancho Del Oro Drive	36	115	362	1,145	39	123	388	1,227
66	Vista Way	Rancho Del Oro Drive to College Boulevard	27	87	275	869	26	83	262	830
67	Vista Way	College Boulevard to SR-78 WB Ramps	--	76	239	757	--	77	245	774
68	Vista Way	SR-78 WB Ramps to Thunder Drive	--	50	158	500	--	60	190	601
69	Plaza Drive	College Boulevard to SR-78 EB Ramps	--	56	177	561	--	71	223	706
70	Plaza Drive	SR-78 EB Ramps to Thunder Drive	--	35	112	354	--	38	120	379
71	Marron Road	Western City Limit to College Boulevard	--	--	71	223	--	37	117	371
72	Lake Boulevard	College Boulevard to Thunder Drive	--	40	126	397	--	49	155	489
73	Lake Boulevard	Thunder Drive to Sundown Lane	--	40	126	397	--	49	155	489
74	Lake Boulevard	Sundown Lane to Sky Haven Lane	--	40	126	397	--	49	155	489
75	Lake Boulevard	Sky Haven Lane to Alameda Drive	--	60	190	601	--	76	239	757
76	Lake Boulevard	Alameda Drive to Cannon Road	--	62	195	615	--	76	239	757
77	Cannon Road	Western Terminus to Melrose Drive	--	47	148	467	37	117	371	1,172
78	N Coast Highway	Northern City Limit to SR-76	--	--	63	199	--	25	79	251
79	N Coast Highway	SR-76 to Mission Avenue	--	31	97	308	--	46	144	456
80	N Coast Highway	Mission Avenue to Seagaze Drive	--	41	129	406	--	55	173	548
81	S Coast Highway	Seagaze Drive to Wisconsin Avenue	--	41	129	406	--	55	173	548
82	S Coast Highway	Wisconsin Avenue to Oceanside Boulevard	--	59	186	587	--	64	204	644

Distances

ID	Roadway	Segment	2016				2050			
			Distance to (feet)				Distance to (feet)			
			75 CNEL	70 CNEL	65 CNEL	60 CNEL	75 CNEL	70 CNEL	65 CNEL	60 CNEL
83	S Coast Highway	Oceanside Boulevard to Morse Street	--	54	169	536	--	67	213	674
84	S Coast Highway	Morse Street to Vista Way	--	52	166	524	--	67	213	674
85	S Coast Highway	Vista Way to Southern City Limit	--	48	151	477	--	57	182	574
86	Horne Street	Civic Center Drive to Pier View Way	--	--	32	100	--	--	42	132
87	Horne Street	Pier View Way to Mission Avenue	--	--	50	158	--	--	63	199
88	Horne Street	Mission Avenue to Seagaze Drive	--	--	26	83	--	--	35	109
89	Canyon Drive	SR-76 to Mission Ave	--	42	132	416	--	49	155	489
90	Canyon Drive	Mission Avenue to Oceanside Boulevard	--	--	67	213	--	35	109	346
91	Crouch Street	Canyon Drive to Oceanside Boulevard	--	--	51	162	--	--	63	199
92	Crouch Street	Oceanside Boulevard to Skylark Drive	--	--	57	182	--	--	66	208
93	Crouch Street	Skylark Drive to Grandview Street	--	--	29	91	--	--	33	104
94	Foussat Road	Alex Road to SR-76	--	--	69	218	--	36	115	362
95	Foussat Road	SR-76 to Mission Ave	--	35	112	354	--	60	190	601
96	Foussat Road	Mission Avenue to Oceanside Boulevard	--	--	39	123	--	--	60	190
97	Jefferson Street	Vista Way to SR-78 WB Ramps	--	57	182	574	--	77	245	774
98	Jefferson Street	SR-78 WB Ramps to SR-78 EB Ramps	30	95	301	953	37	117	371	1,172
99	Jefferson Street	SR-78 EB Ramps to Southern City Limits	--	39	123	388	--	49	155	489
100	El Camino Real	Douglas Drive to Mission Ave	--	60	190	601	--	71	223	706
101	El Camino Real	Mission Avenue to Mesa Drive	36	115	362	1,145	49	155	489	1,545
102	El Camino Real	Mesa Drive to Oceanside Boulevard	55	173	548	1,734	60	190	601	1,901
103	El Camino Real	Oceanside Boulevard to Fire Mountain Drive	62	195	615	1,945	81	256	811	2,564
104	El Camino Real	Fire Mountain Drive to Via Las Rosas	62	195	615	1,945	81	256	811	2,564
105	El Camino Real	Via Las Rosas to Vista Way	63	199	629	1,991	77	245	774	2,449
106	El Camino Real	Vista Way to SR-78 WB Ramps	57	182	574	1,815	64	204	644	2,037
107	El Camino Real	SR-78 WB Ramps to SR-78 EB Ramps	52	166	524	1,656	56	177	561	1,774
108	Douglas Drive	Vandegrift Boulevard to Via Malaguena	--	35	112	354	--	41	129	406
109	Douglas Drive	Via Malaguena to Cardiff Bay Drive	--	35	112	354	--	41	129	406
110	Douglas Drive	Cardiff Bay Drive to Festival Drive	--	48	151	477	--	55	173	548
111	Douglas Drive	Festival Drive to N River Road	--	48	151	477	35	109	346	1,094
112	Douglas Drive	N River Road to Old River Street	64	204	644	2,037	71	223	706	2,233
113	Douglas Drive	Old River Street to Pala Road	62	195	615	1,945	72	229	723	2,285
114	Douglas Drive	Pala Road to El Camino Real	63	199	629	1,991	74	234	740	2,339
115	Douglas Drive	El Camino Real to Mission Ave	27	87	275	869	31	97	308	975
116	Douglas Drive	Mission Avenue to SR-76	27	87	275	869	28	89	281	889
117	Rancho Del Oro Drive	Mission Avenue to SR-76	--	41	129	406	--	52	166	524
118	Rancho Del Oro Drive	SR-76 to Mesa Drive	--	72	229	723	31	97	308	975
119	Rancho Del Oro Drive	Mesa Drive to Ocean Ranch Boulevard	27	87	275	869	37	117	371	1,172
120	Rancho Del Oro Drive	Ocean Ranch Boulevard to Senior Center Drive	32	100	315	998	38	120	379	1,199
121	Rancho Del Oro Drive	Senior Center Drive to Oceanside Boulevard	33	104	330	1,045	43	135	426	1,346
122	Rancho Del Oro Drive	Oceanside Boulevard to Vista Del Oro Drive	--	60	190	601	48	151	477	1,510
123	Rancho Del Oro Drive	Vista Del Oro Drive to Vista Way	--	60	190	601	51	162	512	1,618

Distances

ID	Roadway	Segment	2016				2050			
			Distance to (feet)				Distance to (feet)			
			75 CNEL	70 CNEL	65 CNEL	60 CNEL	75 CNEL	70 CNEL	65 CNEL	60 CNEL
124	Rancho Del Oro Drive	Vista Way to SR-78					34	107	338	1,069
125	Old Grove Road	Frazee Road to SR-76	--	26	83	262	--	27	85	269
126	Old Grove Road	SR-76 to Mission Avenue	--	38	120	379	--	43	135	426
127	Old Grove Road	Mission Avenue to Mesa Drive	--	42	132	416	--	56	177	561
128	Old Grove Road	Mesa Drive to College Boulevard	--	40	126	397	--	54	169	536
129	Vandegrift Boulevard	Northern City Limit to Douglas Drive	49	155	489	1,545	52	166	524	1,656
130	Vandegrift Boulevard	Douglas Drive to N River Road	64	204	644	2,037	79	251	792	2,506
131	College Boulevard	N River Road to Adams Street	51	162	512	1,618	52	166	524	1,656
132	College Boulevard	Adams Street to SR-76	66	208	659	2,084	69	218	690	2,183
133	College Boulevard	SR-76 to Frazee Road	55	173	548	1,734	63	199	629	1,991
134	College Boulevard	Frazee Road to Mesa Drive	59	186	587	1,858	67	213	674	2,133
135	College Boulevard	Mesa Drive to Old Grove Road	55	173	548	1,734	64	204	644	2,037
136	College Boulevard	Old Grove Road to Avenida De La Plata	55	173	548	1,734	64	204	644	2,037
137	College Boulevard	Avenida De La Plata to Oceanside Boulevard	55	173	548	1,734	67	213	674	2,133
138	College Boulevard	Oceanside Boulevard to Olive Avenue	72	229	723	2,285	87	275	869	2,748
139	College Boulevard	Olive Drive to Thunder Drive	51	162	512	1,618	67	213	674	2,133
140	College Boulevard	Thunder Drive to Marvin Street	46	144	456	1,442	59	186	587	1,858
141	College Boulevard	Marvin Street to Waring Road	60	190	601	1,901	76	239	757	2,393
142	College Boulevard	Waring Road to Vista Way	37	117	371	1,172	39	123	388	1,227
143	College Boulevard	Vista Way to SR-78 EB Off-Ramp	49	155	489	1,545	52	166	524	1,656
144	College Boulevard	SR-78 EB Off-Ramp to Haymar Drive / Plaza Drive	47	148	467	1,476	51	162	512	1,618
145	College Boulevard	Plaza Drive to Lake Boulevard	35	109	346	1,094	46	144	456	1,442
146	College Boulevard	Lake Boulevard to Southern City Limits	57	182	574	1,815	69	218	690	2,183
147	Wilshire Road	Northern Terminus to N River Road	--	--	--	46	--	--	--	54
148	N Santa Fe Avenue	SR-76 to Mesa Drive	45	141	446	1,409	51	162	512	1,618
149	N Santa Fe Avenue	Mesa Drive to N Melrose Drive	48	151	477	1,510	54	169	536	1,694
150	N Santa Fe Avenue	N Melrose Drive to Eastern City Limits	--	69	218	690	32	102	323	1,021
151	Melrose Drive	Northern terminus to SR-76	--	--	44	138	--	63	199	629
152	Melrose Drive	SR-76 to Old Ranch Road	--	34	107	338	--	41	129	406
153	Melrose Drive	Old Ranch Road to Spur Avenue	--	34	107	338	--	48	151	477
154	Melrose Drive	N Santa Fe Drive to Sagewood Drive	26	81	256	811	29	91	288	910
155	Melrose Drive	Sagewood Drive to Meadowbrook Drive	27	85	269	849	39	123	388	1,227
156	Melrose Drive	Meadowbrook Drive to Oceanside Boulevard	29	93	294	931	41	129	406	1,285
157	Melrose Drive	Oceanside Boulevard to Southern City Limits	29	91	288	910	55	173	548	1,734
158	Sleeping Indian Road	Northern City Limit to N River Road	--	--	--	59	--	--	63	199

Distances

ID	Roadway	Segment	2016				2050			
			Distance to (feet)				Distance to (feet)			
			75 CNEL	70 CNEL	65 CNEL	60 CNEL	75 CNEL	70 CNEL	65 CNEL	60 CNEL
159	I-5	Southern City Limits to SR-78	301	649	1,398	3,013	311	669	1,442	3,107
160	I-5	SR-78 to Cassidy Street	301	649	1,398	3,013	315	680	1,464	3,155
161	I-5	Cassidy Street to California Street	301	649	1,398	3,013	320	690	1,487	3,204
162	I-5	California Street to Oceanside Boulevard	301	649	1,398	3,013	320	690	1,487	3,204
163	I-5	Oceanside Boulevard to Mission Avenue	292	629	1,356	2,922	311	669	1,442	3,107
164	I-5	Mission Avenue to SR-76	262	565	1,218	2,624	288	620	1,335	2,877
165	I-5	SR-76 to Harbor Drive	254	548	1,181	2,545	292	629	1,356	2,922
166	I-5	Harbor Drive to Northern City Limits	218	470	1,013	2,183	266	574	1,237	2,665
167	SR-78	I-5 to Jefferson Street	202	435	938	2,021	202	435	938	2,021
168	SR-78	Jefferson Street to El Camino Real	202	435	938	2,021	199	429	924	1,991
169	SR-78	El Camino Real to Eastern City Limits	212	456	982	2,117	205	442	953	2,053

Noise Increase

ID	Roadway	Segment	Existing CNEL	2050 GPU CNEL	ΔdB	Increase Limit	Sig?	2050 Adopted GP CNEL	ΔdB	Increase Limit	Sig?
1	N River Road	Douglas Drive to College Boulevard	73.2	73.4	0.2	1.5		72.9	-0.3	3	
2	N River Road	College Boulevard to Vandegrift Boulevard	75.6	76.0	0.4	1.5		74.4	-1.2	3	
3	N River Road	Vandegrift Boulevard to North River Circle	71.3	72.1	0.8	1.5		71.1	-0.2	3	
4	N River Road	North River Circle to Stallion Drive	72.2	72.8	0.6	1.5		71.7	-0.5	3	
5	N River Road	Stallion Drive to Wilshire Road	71.0	72.2	1.2	1.5		71.7	0.7	3	
6	N River Road	Wilshire Road to Sleeping Indian Road	70.9	71.4	0.5	1.5		70.7	-0.2	3	
7	N River Road	Sleeping Indian Road to Via Puerta Del Sol	69.9	70.5	0.6	1.5		68.2	-1.7	3	
8	N River Road	Via Puerta Del Sol to SR-76	69.9	70.5	0.6	1.5		68.0	-1.9	3	
9	Frazee Road	Old Grove Road to SR-76	63.8	65.0	1.2	3		64.6	0.8	3	
10	Frazee Road	SR-76 to College Boulevard	65.2	66.8	1.6	1.5	YES	66.5	1.3	3	
11	SR-76	N Coast Highway to I-5 SB Ramps	69.6	70.2	0.6	1.5		67.7	-1.9	3	
12	SR-76	I-5 SB Ramps to I-5 NB Ramps	76.8	77.3	0.5	1.5		75.7	-1.1	3	
13	SR-76	I-5 NB Ramps to Loretta Street	78.8	78.8	0.0	1.5		76.6	-2.2	3	
14	SR-76	Loretta Street to Canyon Drive	78.8	79.3	0.5	1.5		76.5	-2.3	3	
15	SR-76	Canyon Drive to Foussat Road	78.6	78.7	0.1	1.5		77.0	-1.6	3	
16	SR-76	Foussat Road to Douglas Drive	78.6	78.8	0.2	1.5		77.1	-1.5	3	
17	SR-76	Douglas Drive to Rancho Del Oro Drive	78.3	78.7	0.4	1.5		77.3	-1.0	3	
18	SR-76	Rancho Del Oro Drive to Old Grove Road	78.0	78.6	0.6	1.5		77.3	-0.7	3	
19	SR-76	Old Grove Road to Frazee Road	78.3	78.5	0.2	1.5		77.3	-1.0	3	
20	SR-76	Frazee Road to Town Center Drive	78.3	78.5	0.2	1.5		77.5	-0.8	3	
21	SR-76	Town Center Drive to College Boulevard	78.3	78.5	0.2	1.5		77.8	-0.5	3	
22	SR-76	College Boulevard to N Santa Fe Avenue	78.3	79.2	0.9	1.5		79.1	0.8	3	
23	SR-76	N Santa Fe Avenue to Guajome Lake Road	78.6	79.1	0.5	1.5		78.2	-0.4	3	
24	SR-76	Guajome Lake Road to Melrose Drive	78.6	79.1	0.5	1.5		77.9	-0.7	3	
25	SR-76	Melrose Drive to East Vista Way	78.6	78.8	0.2	1.5		77.6	-1.0	3	
26	SR-76	East Vista Way to N River Road	77.5	78.4	0.9	1.5		78.4	0.9	3	
27	Mission Avenue	N Pacific Street to N Coast Highway	64.5	65.0	0.5	3		62.2	-2.3	3	
28	Mission Avenue	N Coast Highway to N Clementine Street	65.2	65.3	0.1	1.5		64.7	-0.5	3	
29	Mission Avenue	N Clementine Street to Horne Street	65.2	66.4	1.2	1.5		66.3	1.1	3	
30	Mission Avenue	Horne Street to I-5 SB Ramps	70.1	70.3	0.2	1.5		69.1	-1.0	3	
31	Mission Avenue	I-5 SB Ramps to I-5 NB Ramps	71.2	71.7	0.5	1.5		70.2	-1.0	3	
32	Mission Avenue	I-5 NB Ramps to Canyon Drive	71.9	72.5	0.6	1.5		71.7	-0.2	3	
33	Mission Avenue	Canyon Drive to Mesa Drive	70.4	71.1	0.7	1.5		68.8	-1.6	3	
34	Mission Avenue	Mesa Drive to Foussat Road	74.2	75.4	1.2	1.5		73.2	-1.0	3	
35	Mission Avenue	Foussat Road to El Camino Real	73.3	75.0	1.7	1.5	YES	72.1	-1.2	3	
36	Mission Avenue	El Camino Real to Douglas Drive	73.0	74.2	1.2	1.5		71.4	-1.6	3	
37	Mission Avenue	Douglas Drive to Rancho Del Oro Drive	73.5	74.1	0.6	1.5		70.5	-3.0	3	
38	Mission Avenue	Rancho Del Oro Drive to Old Grove Road	71.1	71.7	0.6	1.5		71.2	0.1	3	
39	Mission Avenue	Old Grove Road to Frazee Road	69.6	70.3	0.7	1.5		68.1	-1.5	3	
40	Mesa Drive	Mission Avenue to Foussat Road	63.0	65.8	2.8	3		64.1	1.1	3	
41	Mesa Drive	Foussat Road to El Camino Real	65.8	66.7	0.9	1.5		66.6	0.8	3	
42	Mesa Drive	El Camino Real to Rancho Del Oro Drive	71.3	71.6	0.3	1.5		72.0	0.7	3	
43	Mesa Drive	Rancho Del Oro Drive to Ivey Ranch Road	70.6	71.3	0.7	1.5		70.0	-0.6	3	
44	Mesa Drive	Ivey Ranch Road to Via Rancho Road	70.0	70.4	0.4	1.5		67.1	-2.9	3	
45	Mesa Drive	Via Rancho Road to Old Grove Road	71.1	71.6	0.5	1.5		69.6	-1.5	3	
46	Mesa Drive	Old Grove Road to College Boulevard	70.6	71.2	0.6	1.5		68.7	-1.9	3	
47	Mesa Drive	College Boulevard to N Santa Fe Drive	70.1	70.9	0.8	1.5		69.0	-1.1	3	
48	Seagaze Drive	S Coast Highway to S Clementine Street	61.7	62.7	1.0	3		60.0	-1.7	3	
49	Seagaze Drive	S Clementine Street to Horne Street	61.7	62.7	1.0	3		55.2	-6.5	5	
50	Oceanside Boulevard	S Pacific Street to S Coast Highway	62.6	64.4	1.8	3		62.5	-0.1	3	
51	Oceanside Boulevard	S Coast Highway to I-5 SB Ramps	70.6	71.5	0.9	1.5		69.2	-1.4	3	
52	Oceanside Boulevard	I-5 SB Ramps to I-5 NB Ramps	71.5	72.1	0.6	1.5		70.0	-1.5	3	
53	Oceanside Boulevard	I-5 NB Ramps to Goat Hill Drive	72.2	72.5	0.3	1.5		69.8	-2.4	3	
54	Oceanside Boulevard	Goat Hill Drive to Crouch Street	72.0	72.5	0.5	1.5		69.3	-2.7	3	

Noise Increase

ID	Roadway	Segment	Existing CNEL	2050 GPU CNEL	ΔdB	Increase Limit	Sig?	2050 Adopted GP CNEL	ΔdB	Increase Limit	Sig?
55	Oceanside Boulevard	Crouch Street to Foussat Road	73.4	73.8	0.4	1.5		71.9	-1.5	3	
56	Oceanside Boulevard	Foussat Road to El Camino Real	72.7	73.5	0.8	1.5		71.9	-0.8	3	
57	Oceanside Boulevard	El Camino Real to Rancho Del Oro Drive	76.3	77.2	0.9	1.5		75.0	-1.3	3	
58	Oceanside Boulevard	Rancho Del Oro Drive to College Boulevard	76.3	77.9	1.6	1.5	YES	76.7	0.4	3	
59	Oceanside Boulevard	College Boulevard to Arroyo Avenue	74.7	75.9	1.2	1.5		75.5	0.8	3	
60	Oceanside Boulevard	Arroyo Avenue to Temple Heights Drive	74.7	75.3	0.6	1.5		74.7	0.0	3	
61	Oceanside Boulevard	Temple Heights Drive to N Melrose Drive	74.7	75.1	0.4	1.5		74.3	-0.4	3	
62	Oceanside Boulevard	N Melrose Drive to Eastern City Limits	71.0	72.8	1.8	1.5	YES	72.5	1.5	3	
63	Vista Way	Coast Highway to I-5 SB Ramps	69.1	69.6	0.5	1.5		69.4	0.3	3	
64	Vista Way	Jefferson Street to El Camino Real	70.9	71.2	0.3	1.5		68.6	-2.3	3	
65	Vista Way	El Camino Real to Rancho Del Oro Drive	73.6	73.9	0.3	1.5		71.0	-2.6	3	
66	Vista Way	Rancho Del Oro Drive to College Boulevard	72.4	72.2	-0.2	1.5		68.7	-3.7	3	
67	Vista Way	College Boulevard to SR-78 WB Ramps	71.8	71.9	0.1	1.5		70.5	-1.3	3	
68	Vista Way	SR-78 WB Ramps to Thunder Drive	70.0	70.8	0.8	1.5		69.4	-0.6	3	
69	Plaza Drive	College Boulevard to SR-78 EB Ramps	70.5	71.5	1.0	1.5		69.0	-1.5	3	
70	Plaza Drive	SR-78 EB Ramps to Thunder Drive	68.5	68.8	0.3	1.5		67.6	-0.9	3	
71	Marron Road	Western City Limit to College Boulevard	66.5	68.7	2.2	1.5	YES	68.3	1.8	3	
72	Lake Boulevard	College Boulevard to Thunder Drive	69.0	69.9	0.9	1.5		68.8	-0.2	3	
73	Lake Boulevard	Thunder Drive to Sundown Lane	69.0	69.9	0.9	1.5		67.3	-1.7	3	
74	Lake Boulevard	Sundown Lane to Sky Haven Lane	69.0	69.9	0.9	1.5		66.9	-2.1	3	
75	Lake Boulevard	Sky Haven Lane to Alameda Drive	70.8	71.8	1.0	1.5		70.0	-0.8	3	
76	Lake Boulevard	Alameda Drive to Cannon Road	70.9	71.8	0.9	1.5		69.7	-1.2	3	
77	Cannon Road	Western Terminus to Melrose Drive	69.7	73.7	4.0	1.5	YES	73.5	3.8	3	YES
78	N Coast Highway	N Coast Highway Limit to SR-76	66.0	67.0	1.0	1.5		65.3	-0.7	3	
79	N Coast Highway	SR-76 to Mission Avenue	67.9	69.6	1.7	1.5	YES	68.3	0.4	3	
80	N Coast Highway	Mission Avenue to Seagaze Drive	69.1	70.4	1.3	1.5		66.8	-2.3	3	
81	S Coast Highway	Seagaze Drive to Wisconsin Avenue	69.1	70.4	1.3	1.5		66.8	-2.3	3	
82	S Coast Highway	Wisconsin Avenue to Oceanside Boulevard	70.7	71.1	0.4	1.5		69.2	-1.5	3	
83	S Coast Highway	Oceanside Boulevard to Morse Street	70.3	71.3	1.0	1.5		69.7	-0.6	3	
84	S Coast Highway	Morse Street to Vista Way	70.2	71.3	1.1	1.5		69.8	-0.4	3	
85	S Coast Highway	Vista Way to Southern City Limit	69.8	70.6	0.8	1.5		70.2	0.4	3	
86	Horne Street	Civic Center Drive to Pier View Way	63.0	64.2	1.2	3		61.5	-1.5	3	
87	Horne Street	Pier View Way to Mission Avenue	65.0	66.0	1.0	3		61.9	-3.1	3	
88	Horne Street	Mission Avenue to Seagaze Drive	62.2	63.4	1.2	3		57.3	-4.9	5	
89	Canyon Drive	SR-76 to Mission Ave	69.2	69.9	0.7	1.5		67.7	-1.5	3	
90	Canyon Drive	Mission Avenue to Oceanside Boulevard	66.3	68.4	2.1	1.5	YES	67.7	1.4	3	
91	Crouch Street	Canyon Drive to Oceanside Boulevard	65.1	66.0	0.9	1.5		65.3	0.2	3	
92	Crouch Street	Oceanside Boulevard to Skylark Drive	65.6	66.2	0.6	1.5		64.3	-1.3	3	
93	Crouch Street	Skylark Drive to Grandview Street	62.6	63.2	0.6	3		61.3	-1.3	3	
94	Foussat Road	Alex Road to SR-76	66.4	68.6	2.2	1.5	YES	66.4	0.0	3	
95	Foussat Road	SR-76 to Mission Ave	68.5	70.8	2.3	1.5	YES	69.8	1.3	3	
96	Foussat Road	Mission Avenue to Oceanside Boulevard	63.9	65.8	1.9	3		64.3	0.4	3	
97	Jefferson Street	Vista Way to SR-78 WB Ramps	70.6	71.9	1.3	1.5		71.8	1.2	3	
98	Jefferson Street	SR-78 WB Ramps to SR-78 EB Ramps	72.8	73.7	0.9	1.5		70.9	-1.9	3	
99	Jefferson Street	SR-78 EB Ramps to Southern City Limits	68.9	69.9	1.0	1.5		69.4	0.5	3	
100	El Camino Real	Douglas Drive to Mission Ave	70.8	71.5	0.7	1.5		70.3	-0.5	3	
101	El Camino Real	Mission Avenue to Mesa Drive	73.6	74.9	1.3	1.5		73.6	0.0	3	
102	El Camino Real	Mesa Drive to Oceanside Boulevard	75.4	75.8	0.4	1.5		75.6	0.2	3	
103	El Camino Real	Oceanside Boulevard to Fire Mountain Drive	75.9	77.1	1.2	1.5		76.4	0.5	3	
104	El Camino Real	Fire Mountain Drive to Via Las Rosas	75.9	77.1	1.2	1.5		76.1	0.2	3	
105	El Camino Real	Via Las Rosas to Vista Way	76.0	76.9	0.9	1.5		76.4	0.4	3	
106	El Camino Real	Vista Way to SR-78 WB Ramps	75.6	76.1	0.5	1.5		75.8	0.2	3	
107	El Camino Real	SR-78 WB Ramps to SR-78 EB Ramps	75.2	75.5	0.3	1.5		75.3	0.1	3	
108	Douglas Drive	Vandegrift Boulevard to Via Malaguena	68.5	69.1	0.6	1.5		67.9	-0.6	3	

Noise Increase

ID	Roadway	Segment	Existing CNEL	2050 GPU CNEL	ΔdB	Increase Limit	Sig?	2050 Adopted GP CNEL	ΔdB	Increase Limit	Sig?
109	Douglas Drive	Via Malaguena to Cardiff Bay Drive	68.5	69.1	0.6	1.5		67.4	-1.1	3	
110	Douglas Drive	Cardiff Bay Drive to Festival Drive	69.8	70.4	0.6	1.5		69.2	-0.6	3	
111	Douglas Drive	Festival Drive to N River Road	69.8	73.4	3.6	1.5	YES	71.8	2.0	3	
112	Douglas Drive	N River Road to Old River Street	76.1	76.5	0.4	1.5		74.4	-1.7	3	
113	Douglas Drive	Old River Street to Pala Road	75.9	76.6	0.7	1.5		75.7	-0.2	3	
114	Douglas Drive	Pala Road to El Camino Real	76.0	76.7	0.7	1.5		74.7	-1.3	3	
115	Douglas Drive	El Camino Real to Mission Ave	72.4	72.9	0.5	1.5		70.8	-1.6	3	
116	Douglas Drive	Mission Avenue to SR-76	72.4	72.5	0.1	1.5		69.1	-3.3	3	
117	Rancho Del Oro Drive	Mission Avenue to SR-76	69.1	70.2	1.1	1.5		67.6	-1.5	3	
118	Rancho Del Oro Drive	SR-76 to Mesa Drive	71.6	72.9	1.3	1.5		72.4	0.8	3	
119	Rancho Del Oro Drive	Mesa Drive to Ocean Ranch Boulevard	72.4	73.7	1.3	1.5		72.8	0.4	3	
120	Rancho Del Oro Drive	Ocean Ranch Boulevard to Senior Center Drive	73.0	73.8	0.8	1.5		72.8	-0.2	3	
121	Rancho Del Oro Drive	Senior Center Drive to Oceanside Boulevard	73.2	74.3	1.1	1.5		72.9	-0.3	3	
122	Rancho Del Oro Drive	Oceanside Boulevard to Vista Del Oro Drive	70.8	74.8	4.0	1.5	YES	73.1	2.3	3	
123	Rancho Del Oro Drive	Vista Del Oro Drive to Vista Way	70.8	75.1	4.3	1.5	YES	73.0	2.2	3	
124	Rancho Del Oro Drive	Vista Way to SR-78	0.0	73.3	73.3	5	YES	0.0	0.0	5	
125	Old Grove Road	Frazee Road to SR-76	67.2	67.3	0.1	1.5		63.4	-3.8	3	
126	Old Grove Road	SR-76 to Mission Avenue	68.8	69.3	0.5	1.5		68.1	-0.7	3	
127	Old Grove Road	Mission Avenue to Mesa Drive	69.2	70.5	1.3	1.5		70.3	1.1	3	
128	Old Grove Road	Mesa Drive to College Boulevard	69.0	70.3	1.3	1.5		69.8	0.8	3	
129	Vandegrift Boulevard	Northern City Limit to Douglas Drive	74.9	75.2	0.3	1.5		74.6	-0.3	3	
130	Vandegrift Boulevard	Douglas Drive to N River Road	76.1	77.0	0.9	1.5		76.3	0.2	3	
131	College Boulevard	N River Road to Adams Street	75.1	75.2	0.1	1.5		74.1	-1.0	3	
132	College Boulevard	Adams Street to SR-76	76.2	76.4	0.2	1.5		75.6	-0.6	3	
133	College Boulevard	SR-76 to Frazee Road	75.4	76.0	0.6	1.5		75.0	-0.4	3	
134	College Boulevard	Frazee Road to Mesa Drive	75.7	76.3	0.6	1.5		75.4	-0.3	3	
135	College Boulevard	Mesa Drive to Old Grove Road	75.4	76.1	0.7	1.5		75.7	0.3	3	
136	College Boulevard	Old Grove Road to Avenida De La Plata	75.4	76.1	0.7	1.5		76.0	0.6	3	
137	College Boulevard	Avenida De La Plata to Oceanside Boulevard	75.4	76.3	0.9	1.5		76.5	1.1	3	
138	College Boulevard	Oceanside Boulevard to Olive Avenue	76.6	77.4	0.8	1.5		77.7	1.1	3	
139	College Boulevard	Olive Drive to Thunder Drive	75.1	76.3	1.2	1.5		76.1	1.0	3	
140	College Boulevard	Thunder Drive to Marvin Street	74.6	75.7	1.1	1.5		74.7	0.1	3	
141	College Boulevard	Marvin Street to Waring Road	75.8	76.8	1.0	1.5		76.1	0.3	3	
142	College Boulevard	Waring Road to Vista Way	73.7	73.9	0.2	1.5		73.4	-0.3	3	
143	College Boulevard	Vista Way to SR-78 EB Off-Ramp	74.9	75.2	0.3	1.5		75.0	0.1	3	
144	College Boulevard	SR-78 EB Off-Ramp to Haymar Drive / Plaza Drive	74.7	75.1	0.4	1.5		74.8	0.1	3	
145	College Boulevard	Plaza Drive to Lake Boulevard	73.4	74.6	1.2	1.5		74.4	1.0	3	
146	College Boulevard	Lake Boulevard to Southern City Limits	75.6	76.4	0.8	1.5		76.3	0.7	3	
147	Wilshire Road	Northern Terminus to N River Road	59.6	60.3	0.7	5		60.3	0.7	3	
148	N Santa Fe Avenue	SR-76 to Mesa Drive	74.5	75.1	0.6	1.5		74.7	0.2	3	
149	N Santa Fe Avenue	Mesa Drive to N Melrose Drive	74.8	75.3	0.5	1.5		74.3	-0.5	3	
150	N Santa Fe Avenue	N Melrose Drive to Eastern City Limits	71.4	73.1	1.7	1.5	YES	72.9	1.5	3	
151	Melrose Drive	Northern terminus to SR-76	64.4	71.0	6.6	3	YES	68.9	4.5	3	YES
152	Melrose Drive	SR-76 to Old Ranch Road	68.3	69.1	0.8	1.5		66.7	-1.6	3	
153	Melrose Drive	Old Ranch Road to Spur Avenue	68.3	69.8	1.5	1.5	YES	59.6	-8.7	5	
154	Melrose Drive	N Santa Fe Drive to Sagewood Drive	72.1	72.6	0.5	1.5		72.5	0.4	3	
155	Melrose Drive	Sagewood Drive to Meadowbrook Drive	72.3	73.9	1.6	1.5	YES	73.8	1.5	3	
156	Melrose Drive	Meadowbrook Drive to Oceanside Boulevard	72.7	74.1	1.4	1.5		73.5	0.8	3	
157	Melrose Drive	Oceanside Boulevard to Southern City Limits	72.6	75.4	2.8	1.5	YES	75.1	2.5	3	
158	Sleeping Indian Road	Northern City Limit to N River Road	60.7	66.0	5.3	3	YES	62.6	1.9	3	

Noise Increase

ID	Roadway	Segment	Existing CNEL	2050 GPU CNEL	Δ dB	Increase Limit	Sig?	2050 Adopted GP CNEL	Δ dB	Increase Limit	Sig?
159	I-5	Southern City Limits to SR-78	86.7	86.9	0.2	1.5		86.9	0.2	3	
160	I-5	SR-78 to Cassidy Street	86.7	87.0	0.3	1.5		87.0	0.3	3	
161	I-5	Cassidy Street to California Street	86.7	87.1	0.4	1.5		87.1	0.4	3	
162	I-5	California Street to Oceanside Boulevard	86.7	87.1	0.4	1.5		87.1	0.4	3	
163	I-5	Oceanside Boulevard to Mission Avenue	86.5	86.9	0.4	1.5		86.9	0.4	3	
164	I-5	Mission Avenue to SR-76	85.8	86.4	0.6	1.5		86.4	0.6	3	
165	I-5	SR-76 to Harbor Drive	85.6	86.5	0.9	1.5		86.5	0.9	3	
166	I-5	Harbor Drive to Northern City Limits	84.6	85.9	1.3	1.5		85.9	1.3	3	
167	SR-78	I-5 to Jefferson Street	84.1	84.1	0.0	1.5		84.1	0.0	3	
168	SR-78	Jefferson Street to El Camino Real	84.1	84.0	-0.1	1.5		84.0	-0.1	3	
169	SR-78	El Camino Real to Eastern City Limits	84.4	84.2	-0.2	1.5		84.2	-0.2	3	

Noise Model Based on Federal Transit Administration General Transit Noise Assessment
 Developed for Chicago Create Project
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 Case: Oceanside GPU - South of Transit Center

Noise Source	Ldn (dB)	Leq - daytime (dB)	Leq - nighttime (dB)
All Sources	75	63	69
Source 1	63	60	56
Source 2	62	60	55
Source 3	72	43	66
Source 4	71	45	65
Source 5	0	0	0
Source 6	0	0	0
Source 7	0	0	0
Source 8	0	0	0

Enter noise receiver land use category below.

LAND USE CATEGORY
Noise receiver land use category (1, 2 or 3)
2

Enter data for up to 8 noise sources below - see reference list for source numbers.

NOISE SOURCE PARAMETERS								
Parameter	Source 1		Source 2		Source 3		Source 4	
Source Num.	Commuter Diesel Locomotive	2	Commuter Rail Cars	3	Freight Locomotive	9	Freight Cars	10
Distance (source to receiver)	50	50	50	50	50	50	50	50
Daytime Hours (7 AM - 10 PM)	speed (mph)	60	speed (mph)	60	speed (mph)	60	speed (mph)	60
	trains/hour	3	trains/hour	3	trains/hour	0	trains/hour	0
	loco/train	1	cars/train	5	loco/train	1	length of cars (ft) / train	1000
Nighttime Hours (10 PM - 7 AM)	speed (mph)	60	speed (mph)	60	speed (mph)	60	speed (mph)	60
	trains/hour	1	trains/hour	1	trains/hour	1	trains/hour	1
	loco/train	1	cars/train	5	loco/train	2	length of cars (ft) / train	1000
Wheel Flats?		% of cars w/ wheel flats		% of cars w/ wheel flats		% of cars w/ wheel flats		% of cars w/ wheel flats
Jointed Track?	Y/N	N	Y/N	N	Y/N	N	Y/N	N
Embedded Track?	Y/N	N	Y/N	N	Y/N	N	Y/N	N
Aerial Structure?	Y/N	N	Y/N	N	Y/N	N	Y/N	N
Barrier Present?	Y/N	N	Y/N	N	Y/N	N	Y/N	N
Intervening Rows of Buildings	number of rows	0	number of rows	0	number of rows	0	number of rows	0

SOURCE REFERENCE LIST	
Source	Number
Commuter Electric Locomotive	1
Commuter Diesel Locomotive	2
Commuter Rail Cars	3
RRTLRT	4
AGT, Steel Wheel	5
AGT, Rubber Tire	6
Metrol	7
Maglev	8
Freight Locomotive	9
Freight Cars	10
Hopper Cars (empty)	11
Hopper Cars (full)	12
Crossover	13
Automobiles	14
City Buses	15
Commuter Buses	16
Rail Yard or Shop	17
Layover Tracks	18
Bus Storage Yard	19
Bus Op. Facility	20
Bus Transit Center	21
Parking Garage	22
Park & Ride Lot	23

CALCULATIONS								
Term	Sou 1	Sou 2	Sou 3	Sou 4	Sou 5	Sou 6	Sou 7	Sou 8
SERef	92.0	82.0	97.0	100.0	0.0	0.0	0.0	0.0
C1 - Coef	-10.0	20.0	10.0	20.0	0.0	0.0	0.0	0.0
C1 - Denom	50.0	50.0	40.0	40.0	0.0	0.0	0.0	0.0
C1 - Day Num	60.00	60.00	60.00	60.00	0.00	0.00	0.00	0.00
C1 - Night Num	60.00	60.00	60.00	60.00	0.00	0.00	0.00	0.00
C1 - Day	-0.8	1.6	1.8	3.5	0.0	0.0	0.0	0.0
C1 - Night	-0.8	1.6	1.8	3.5	0.0	0.0	0.0	0.0
C2 - Coef	10.0	10.0	10.0	10.0	0.0	0.0	0.0	0.0
C2 - Denom	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
C2 - Day Num	3.00	3.00	0.01	0.01	0.00	0.00	0.00	0.00
C2 - Night Num	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00
C2 - Day	4.8	4.8	-20.0	-20.0	0.0	0.0	0.0	0.0
C2 - Night	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3 - Coef	10.0	10.0	10.0	10.0	0.0	0.0	0.0	0.0
C3 - Denom	1.0	1.0	1.0	2000.0	0.0	0.0	0.0	0.0
C3 - Day Num	1.00	5.00	1.00	1000.00	0.00	0.00	0.00	0.00
C3 - Night Num	1.00	5.00	2.00	1000.00	0.00	0.00	0.00	0.00
C3 - Day	0.0	7.0	0.0	-3.0	0.0	0.0	0.0	0.0
C3 - Night	0.0	7.0	3.0	-3.0	0.0	0.0	0.0	0.0
Leg50R - Day	60.4	59.7	43.2	44.9	0.0	0.0	0.0	0.0
Leg50R - Night	55.6	55.0	66.2	64.9	0.0	0.0	0.0	0.0
Ldn50R	63.1	62.5	71.9	70.7	6.4	6.4	6.4	6.4
Dist Coef	15.0	15.0	15.0	15.0	0.0	0.0	0.0	0.0
Adj. Dist	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Adj. Wheel Flats	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Adj. Jointed	0	0	0	0	0	0	0	0
Adj. Embed	0	0	0	0	0	0	0	0
Adj. Aerial	0	0	0	0	0	0	0	0
Adj. Shield	0	0	0	0	0	0	0	0
Leq - Day	60.4	59.7	43.2	44.9	0.0	0.0	0.0	0.0
Leq - Night	55.6	55.0	66.2	64.9	0.0	0.0	0.0	0.0
Ldn	63.1	62.5	71.9	70.7	0.0	0.0	0.0	0.0
Need Land Use	0							
Calc Leq	0							

REFERENCE DATA																				
Num	Desc	Ref SEL	Dist Term	Term 1			Term 2			Term 3			Jointed	Embedded	Aerial	Barrier	Combine			
				Desc	Denom	Min	Desc	Denom	Min	Desc	Denom	Min						Coef		
0		0	0		0	0		0		0										
1	Commuter Electric Locomotive	90	15	speed (mph)	50	20	10.0	trains/hour	1	0.01	10.0	loco/train	1	1	10	5.0	3.0	4.0	-5.0	0.0
2	Commuter Diesel Locomotive	92	15	speed (mph)	50	20	-10.0	trains/hour	1	0.01	10.0	loco/train	1	1	10	5.0	3.0	4.0	-5.0	0.0
3	Commuter Rail Cars	82	15	speed (mph)	50	20	20.0	trains/hour	1	0.01	10.0	cars/train	1	1	10	5.0	3.0	4.0	-5.0	0.0
4	RRT/LRT	82	15	speed (mph)	50	20	20.0	trains/hour	1	0.01	10.0	cars/train	1	1	10	5.0	3.0	4.0	-5.0	0.0
5	AGT, Steel Wheel	80	15	speed (mph)	50	20	20.0	trains/hour	1	0.01	10.0	cars/train	1	1	10				-5.0	0.0
6	AGT, Rubber Tire	78	15	speed (mph)	50	20	20.0	trains/hour	1	0.01	10.0	cars/train	1	1	10				-5.0	0.0
7	Monorail	82	15	speed (mph)	50	20	20.0	trains/hour	1	0.01	10.0	cars/train	1	1	10				-5.0	0.0
8	Maglev	72	15	speed (mph)	50	20	20.0	trains/hour	1	0.01	10.0	cars/train	1	1	10				-5.0	0.0
9	Freight Locomotive	97	15	speed (mph)	40	20	10.0	trains/hour	1	0.01	10.0	loco/train	1	1	10	5.0	3.0	4.0	-5.0	0.0
10	Freight Cars	100	15	speed (mph)	40	20	20.0	trains/hour	1	0.01	10.0	h of cars (ft)	2000	40	10	5.0	3.0	4.0	-5.0	0.0
11	Hopper Cars (empty)	104	15	speed (mph)	40	20	20.0	trains/hour	1	0.01	10.0	h of cars (ft)	2000	40	10	5.0	3.0	4.0	-5.0	0.0
12	Hopper Cars (full)	100	15	speed (mph)	40	20	20.0	trains/hour	1	0.01	10.0	h of cars (ft)	2000	40	10	5.0	3.0	4.0	-5.0	0.0
13	Crossover	100	25	trains/hour	1	0.01	10.0	in of one trail	3600	0.01	10.0				3.0	4.0		-5.0	0.0	
14	Automobiles	73	15	speed (mph)	50	30	28.1	vehicles/hour	1	0.01	10.0							-5.0	0.0	
15	City Buses	84	15	speed (mph)	50	30	23.9	vehicles/hour	1	0.01	10.0							-5.0	0.0	
16	Commuter Buses	88	15	speed (mph)	50	30	14.6	vehicles/hour	1	0.01	10.0							-5.0	0.0	
17	Rail Yard or Shop	118	25	trains/hour	20	0.01	10.0											-5.0	0.0	
18	Layover Tracks	109	25	trains/hour	1	0.01	10.0											-5.0	0.0	
19	Bus Storage Yard	111	25	buses/hour	100	0.01	10.0											-5.0	0.0	
20	Bus Op. Facility	114	25	buses/hour	200	0.01	10.0	es serviced/ft	60	0.01	10.0							-5.0	1.0	
21	Bus Transit Center	101	25	buses/hour	20	0.01	10.0											-5.0	0.0	
22	Parking Garage	92	25	autos/hour	1000	0.01	10.0											-5.0	0.0	
23	Park & Ride Lot	101	25	autos/hour	2000	0.01	10.0	buses/hour	24	0.01	10.0							-5.0	1.0	

LAND USE DATA	
Category	Ldn/Leq
0	
1	Leq
2	Ldn
3	Leq

Noise Model Based on Federal Transit Administration General Transit Noise Assessment
 Developed for Chicago Create Project
 Copyright 2006, HMMH Inc.
 Case: Oceanside GPU - North of Transit Center

Noise Source	Ldn (dB)	Leq - daytime (dB)	Leq - nighttime (dB)
All Sources	75	63	69
Source 1	65	60	59
Source 2	65	60	58
Source 3	72	43	66
Source 4	71	45	65
Source 5	0	0	0
Source 6	0	0	0
Source 7	0	0	0
Source 8	0	0	0

Enter noise receiver land use category below.

LAND USE CATEGORY
Noise receiver land use category (1, 2 or 3)
2

Enter data for up to 8 noise sources below - see reference list for source numbers.

NOISE SOURCE PARAMETERS								
Parameter	Source 1		Source 2		Source 3		Source 4	
Source Num.	Commuter Diesel Locomotive	2	Commuter Rail Cars	3	Freight Locomotive	9	Freight Cars	10
Distance (source to receiver)	50	50	distance (ft)	50	distance (ft)	50	distance (ft)	50
Daytime Hours (7 AM - 10 PM)	speed (mph)	60	speed (mph)	60	speed (mph)	60	speed (mph)	60
	trains/hour	3	trains/hour	3	trains/hour	0	trains/hour	0
	loco/train	1	cars/train	5	loco/train	1	length of cars (ft) / train	1000
Nighttime Hours (10 PM - 7 AM)	speed (mph)	60	speed (mph)	60	speed (mph)	60	speed (mph)	60
	trains/hour	2	trains/hour	2	trains/hour	1	trains/hour	1
	loco/train	1	cars/train	5	loco/train	2	length of cars (ft) / train	1000
Wheel Flats?		% of cars w/ wheel flats		% of cars w/ wheel flats		% of cars w/ wheel flats		
Jointed Track?	Y/N	N	Y/N	N	Y/N	N	Y/N	N
Embedded Track?	Y/N	N	Y/N	N	Y/N	N	Y/N	N
Aerial Structure?	Y/N	N	Y/N	N	Y/N	N	Y/N	N
Barrier Present?	Y/N	N	Y/N	N	Y/N	N	Y/N	N
Intervening Rows of Buildings	number of rows	0	number of rows	0	number of rows	0	number of rows	0

SOURCE REFERENCE LIST	
Source	Number
Commuter Electric Locomotive	1
Commuter Diesel Locomotive	2
Commuter Rail Cars	3
RRTLRT	4
AGT, Steel Wheel	5
AGT, Rubber Tire	6
Metrolink	7
Maglev	8
Freight Locomotive	9
Freight Cars	10
Hopper Cars (empty)	11
Hopper Cars (full)	12
Crossover	13
Automobiles	14
City Buses	15
Commuter Buses	16
Rail Yard or Shop	17
Layover Tracks	18
Bus Storage Yard	19
Bus Op. Facility	20
Bus Transit Center	21
Parking Garage	22
Park & Ride Lot	23

CALCULATIONS								
Term	Sou 1	Sou 2	Sou 3	Sou 4	Sou 5	Sou 6	Sou 7	Sou 8
SERef	92.0	82.0	97.0	100.0	0.0	0.0	0.0	0.0
C1 - Coef	-10.0	20.0	10.0	20.0	0.0	0.0	0.0	0.0
C1 - Denom	50.0	50.0	40.0	40.0	0.0	0.0	0.0	0.0
C1 - Day Num	60.00	60.00	60.00	60.00	0.00	0.00	0.00	0.00
C1 - Night Num	60.00	60.00	60.00	60.00	0.00	0.00	0.00	0.00
C1 - Day	-0.8	1.6	1.8	3.5	0.0	0.0	0.0	0.0
C1 - Night	-0.8	1.6	1.8	3.5	0.0	0.0	0.0	0.0
C2 - Coef	10.0	10.0	10.0	10.0	0.0	0.0	0.0	0.0
C2 - Denom	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
C2 - Day Num	3.00	3.00	0.01	0.01	0.00	0.00	0.00	0.00
C2 - Night Num	2.00	2.00	1.00	1.00	0.00	0.00	0.00	0.00
C2 - Day	4.8	4.8	-20.0	-20.0	0.0	0.0	0.0	0.0
C2 - Night	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
C3 - Coef	10.0	10.0	10.0	10.0	0.0	0.0	0.0	0.0
C3 - Denom	1.0	1.0	1.0	2000.0	0.0	0.0	0.0	0.0
C3 - Day Num	1.00	5.00	1.00	1000.00	0.00	0.00	0.00	0.00
C3 - Night Num	1.00	5.00	2.00	1000.00	0.00	0.00	0.00	0.00
C3 - Day	0.0	7.0	0.0	-3.0	0.0	0.0	0.0	0.0
C3 - Night	0.0	7.0	3.0	-3.0	0.0	0.0	0.0	0.0
Leg50R - Day	60.4	59.7	43.2	44.9	0.0	0.0	0.0	0.0
Leg50R - Night	58.6	58.0	66.2	64.9	0.0	0.0	0.0	0.0
Ldn50R	65.3	64.7	71.9	70.7	6.4	6.4	6.4	6.4
Dist Coef	15.0	15.0	15.0	15.0	0.0	0.0	0.0	0.0
Adj. Dist	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Adj. Wheel Flats	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Adj. Jointed	0	0	0	0	0	0	0	0
Adj. Embed	0	0	0	0	0	0	0	0
Adj. Aerial	0	0	0	0	0	0	0	0
Adj. Shield	0	0	0	0	0	0	0	0
Leq - Day	60.4	59.7	43.2	44.9	0.0	0.0	0.0	0.0
Leq - Night	58.6	58.0	66.2	64.9	0.0	0.0	0.0	0.0
Ldn	65.3	64.7	71.9	70.7	0.0	0.0	0.0	0.0
Need Land Use	0							
Calc Leq	0							

REFERENCE DATA																
Num	Desc	Ref SEL	Dist Term	Term 1				Term 2				Term 3				Combine
				Desc	Denom	Min	Coef	Desc	Denom	Min	Coef	Desc	Denom	Min	Coef	
0		0	0		0	0	0									
1	Commuter Electric Locomotive	90	15	speed (mph)	50	20	10.0	trains/hour	1	0.01	10.0	loco/train	1	1	10	5.0 3.0 4.0 -5.0 0.0
2	Commuter Diesel Locomotive	92	15	speed (mph)	50	20	-10.0	trains/hour	1	0.01	10.0	loco/train	1	1	10	5.0 3.0 4.0 -5.0 0.0
3	Commuter Rail Cars	82	15	speed (mph)	50	20	20.0	trains/hour	1	0.01	10.0	cars/train	1	1	10	5.0 3.0 4.0 -5.0 0.0
4	RRT/LRT	82	15	speed (mph)	50	20	20.0	trains/hour	1	0.01	10.0	cars/train	1	1	10	5.0 3.0 4.0 -5.0 0.0
5	AGT, Steel Wheel	80	15	speed (mph)	50	20	20.0	trains/hour	1	0.01	10.0	cars/train	1	1	10	-5.0 0.0
6	AGT, Rubber Tire	78	15	speed (mph)	50	20	20.0	trains/hour	1	0.01	10.0	cars/train	1	1	10	-5.0 0.0
7	Monorail	82	15	speed (mph)	50	20	20.0	trains/hour	1	0.01	10.0	cars/train	1	1	10	-5.0 0.0
8	Maglev	72	15	speed (mph)	50	20	20.0	trains/hour	1	0.01	10.0	cars/train	1	1	10	-5.0 0.0
9	Freight Locomotive	97	15	speed (mph)	40	20	10.0	trains/hour	1	0.01	10.0	loco/train	1	1	10	5.0 3.0 4.0 -5.0 0.0
10	Freight Cars	100	15	speed (mph)	40	20	20.0	trains/hour	1	0.01	10.0	h of cars (ft)	2000	40	10	5.0 3.0 4.0 -5.0 0.0
11	Hopper Cars (empty)	104	15	speed (mph)	40	20	20.0	trains/hour	1	0.01	10.0	h of cars (ft)	2000	40	10	5.0 3.0 4.0 -5.0 0.0
12	Hopper Cars (full)	100	15	speed (mph)	40	20	20.0	trains/hour	1	0.01	10.0	h of cars (ft)	2000	40	10	5.0 3.0 4.0 -5.0 0.0
13	Crossover	100	25	trains/hour	1	0.01	10.0	in of one trail	3600	0.01	10.0					3.0 4.0 -5.0 0.0
14	Automobiles	73	15	speed (mph)	50	30	28.1	vehicles/hour	1	0.01	10.0					-5.0 0.0
15	City Buses	84	15	speed (mph)	50	30	23.9	vehicles/hour	1	0.01	10.0					-5.0 0.0
16	Commuter Buses	88	15	speed (mph)	50	30	14.6	vehicles/hour	1	0.01	10.0					-5.0 0.0
17	Rail Yard or Shop	118	25	trains/hour	20	0.01	10.0									-5.0 0.0
18	Layover Tracks	109	25	trains/hour	1	0.01	10.0									-5.0 0.0
19	Bus Storage Yard	111	25	buses/hour	100	0.01	10.0									-5.0 0.0
20	Bus Op. Facility	114	25	buses/hour	200	0.01	10.0	es serviced/ft	60	0.01	10.0					-5.0 1.0
21	Bus Transit Center	101	25	buses/hour	20	0.01	10.0									-5.0 0.0
22	Parking Garage	92	25	autos/hour	1000	0.01	10.0									-5.0 0.0
23	Park & Ride Lot	101	25	autos/hour	2000	0.01	10.0	buses/hour	24	0.01	10.0					-5.0 1.0

LAND USE DATA	
Category	Ldn/Leq
0	
1	Leq
2	Ldn
3	Leq

Noise Model Based on Federal Transit Administration General Transit Noise Assessment
 Developed for Chicago Create Project
 Copyright 2006, HMMH Inc.
 Case: Oceanside GPU - Sprinter

RESULTS			
Noise Source	Ldn (dB)	Leq - daytime (dB)	Leq - nighttime (dB)
All Sources	65	61	58
Source 1	65	61	58
Source 2	0	0	0
Source 3	0	0	0
Source 4	0	0	0
Source 5	0	0	0
Source 6	0	0	0
Source 7	0	0	0
Source 8	0	0	0

Enter noise receiver land use category below.

LAND USE CATEGORY	
Noise receiver land use category (1, 2 or 3)	2

Enter data for up to 8 noise sources below - see reference list for source numbers.

NOISE SOURCE PARAMETERS					
Parameter	Source 1	Source 2	Source 3	Source 4	
Source Num.	RRT/LRT				
Distance (source to receiver)	50				
Daytime Hours (7 AM - 10 PM)	speed (mph)	60			
	trains/hour	4			
	cars/train	5			
Nighttime Hours (10 PM - 7 AM)	speed (mph)	60			
	trains/hour	2			
	cars/train	5			
Wheel Flats?	% of cars w/ wheel flats	0.00%			
Jointed Track?	Y/N	N			
Embedded Track?	Y/N	N			
Aerial Structure?	Y/N	N			
Barrier Present?	Y/N	N			
Intervening Rows of Buildings	number of rows	0			

SOURCE REFERENCE LIST	
Source	Number
Commuter Electric Locomotive	1
Commuter Diesel Locomotive	2
Commuter Rail Cars	3
RRT/LRT	4
AGT, Steel Wheel	5
AGT, Rubber Tire	6
Metrolink	7
Maglev	8
Freight Locomotive	9
Freight Cars	10
Hopper Cars (empty)	11
Hopper Cars (full)	12
Crossover	13
Automobiles	14
City Buses	15
Commuter Buses	16
Rail Yard or Shop	17
Layover Tracks	18
Bus Storage Yard	19
Bus Op. Facility	20
Bus Transit Center	21
Parking Garage	22
Park & Ride Lot	23

CALCULATIONS								
Term	Sou 1	Sou 2	Sou 3	Sou 4	Sou 5	Sou 6	Sou 7	Sou 8
SERef	82.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1 - Coef	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1 - Denom	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1 - Day Num	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1 - Night Num	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1 - Day	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1 - Night	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C2 - Coef	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C2 - Denom	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C2 - Day Num	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2 - Night Num	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2 - Day	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C2 - Night	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3 - Coef	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3 - Denom	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3 - Day Num	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3 - Night Num	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3 - Day	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C3 - Night	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Leg50R - Day	61.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Leg50R - Night	58.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ldn50R	65.0	6.4	6.4	6.4	6.4	6.4	6.4	6.4
Dist Coef	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Adj. Dist	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Adj. Wheel Flats	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Adj. Jointed	0	0	0	0	0	0	0	0
Adj. Embed	0	0	0	0	0	0	0	0
Adj. Aerial	0	0	0	0	0	0	0	0
Adj. Shield	0	0	0	0	0	0	0	0
Leq - Day	61.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Leq - Night	58.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ldn	65.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Need Land Use	0							
Calc Leq	0							

REFERENCE DATA																				
Num	Desc	Ref SEL	Dist Term	Term 1			Term 2			Term 3			Jointed	Embedded	Aerial	Barrier	Combine			
				Desc	Denom	Min	Desc	Denom	Min	Desc	Denom	Min						Coef		
0		0	0		0	0		0		0										
1	Commuter Electric Locomotive	90	15	speed (mph)	50	20	10.0	trains/hour	1	0.01	10.0	loco/train	1	1	10	5.0	3.0	4.0	-5.0	0.0
2	Commuter Diesel Locomotive	92	15	speed (mph)	50	20	-10.0	trains/hour	1	0.01	10.0	loco/train	1	1	10	5.0	3.0	4.0	-5.0	0.0
3	Commuter Rail Cars	82	15	speed (mph)	50	20	20.0	trains/hour	1	0.01	10.0	cars/train	1	1	10	5.0	3.0	4.0	-5.0	0.0
4	RRT/LRT	82	15	speed (mph)	50	20	20.0	trains/hour	1	0.01	10.0	cars/train	1	1	10	5.0	3.0	4.0	-5.0	0.0
5	AGT, Steel Wheel	80	15	speed (mph)	50	20	20.0	trains/hour	1	0.01	10.0	cars/train	1	1	10				-5.0	0.0
6	AGT, Rubber Tire	78	15	speed (mph)	50	20	20.0	trains/hour	1	0.01	10.0	cars/train	1	1	10				-5.0	0.0
7	Monorail	82	15	speed (mph)	50	20	20.0	trains/hour	1	0.01	10.0	cars/train	1	1	10				-5.0	0.0
8	Maglev	72	15	speed (mph)	50	20	20.0	trains/hour	1	0.01	10.0	cars/train	1	1	10				-5.0	0.0
9	Freight Locomotive	97	15	speed (mph)	40	20	10.0	trains/hour	1	0.01	10.0	loco/train	1	1	10	5.0	3.0	4.0	-5.0	0.0
10	Freight Cars	100	15	speed (mph)	40	20	20.0	trains/hour	1	0.01	10.0	h of cars (ft)	2000	40	10	5.0	3.0	4.0	-5.0	0.0
11	Hopper Cars (empty)	104	15	speed (mph)	40	20	20.0	trains/hour	1	0.01	10.0	h of cars (ft)	2000	40	10	5.0	3.0	4.0	-5.0	0.0
12	Hopper Cars (full)	100	15	speed (mph)	40	20	20.0	trains/hour	1	0.01	10.0	h of cars (ft)	2000	40	10	5.0	3.0	4.0	-5.0	0.0
13	Crossover	100	25	trains/hour	1	0.01	10.0	in of one trail	3600	0.01	10.0			3.0	4.0				-5.0	0.0
14	Automobiles	73	15	speed (mph)	50	30	28.1	vehicles/hour	1	0.01	10.0								-5.0	0.0
15	City Buses	84	15	speed (mph)	50	30	23.9	vehicles/hour	1	0.01	10.0								-5.0	0.0
16	Commuter Buses	88	15	speed (mph)	50	30	14.6	vehicles/hour	1	0.01	10.0								-5.0	0.0
17	Rail Yard or Shop	118	25	trains/hour	20	0.01	10.0												-5.0	0.0
18	Layover Tracks	109	25	trains/hour	1	0.01	10.0												-5.0	0.0
19	Bus Storage Yard	111	25	buses/hour	100	0.01	10.0												-5.0	0.0
20	Bus Op. Facility	114	25	buses/hour	200	0.01	10.0	es serviced/ft	60	0.01	10.0								-5.0	1.0
21	Bus Transit Center	101	25	buses/hour	20	0.01	10.0												-5.0	0.0
22	Parking Garage	92	25	autos/hour	1000	0.01	10.0												-5.0	0.0
23	Park & Ride Lot	101	25	autos/hour	2000	0.01	10.0	buses/hour	24	0.01	10.0								-5.0	1.0

LAND USE DATA	
Category	Ldn/Leq
0	
1	Leq
2	Ldn
3	Leq

South of Transit Center (Freight, Coaster, Amtrak)

Noise Level at 50 Feet	Distance to Noise Contour (CNEL):			
	75	70	65	60
74.9	49	155	490	1551

North of Transit Center (Freight, Metrolink, Amtrak)

Noise Level at 50 Feet	Distance to Noise Contour (CNEL):			
	75	70	65	60
75.3	53	168	531	1678

Sprinter

Noise Level at 50 Feet	Distance to Noise Contour (CNEL):			
	75	70	65	60
65.0	5	16	50	157

COASTER SCHEDULE

EFFECTIVE October 9, 2023 / VÁLIDA 9 de octubre, 2023

SOUTHBOUND OCEANSIDE TO SAN DIEGO		MONDAY-FRIDAY														FRI ONLY		
		COASTER														COASTER		
ZONES	TRAIN SERVICE NO.	620	622	624	626	628	630	632	634	636	638	640	642	644	646	648	650	
1	Oceanside	DEPART	5:16a	5:56a	6:36a	7:16a	7:36a	9:36a	11:36a	1:36p	2:36p	3:36p	4:16p	4:36p	5:16p	6:16p	7:36p	9:16p
	Carlsbad Village	↓	5:23a	6:03a	6:43a	7:23a	7:43a	9:43a	11:43a	1:43p	2:43p	3:43p	4:23p	4:43p	5:23p	6:23p	7:43p	9:23p
	Carlsbad Poinsettia	↓	5:29a	6:09a	6:49a	7:29a	7:49a	9:49a	11:49a	1:49p	2:49p	3:49p	4:29p	4:49p	5:29p	6:29p	7:49p	9:29p
	Encinitas	↓	5:35a	6:15a	6:55a	7:35a	7:55a	9:55a	11:55a	1:55p	2:55p	3:55p	4:35p	4:55p	5:35p	6:35p	7:55p	9:35p
	Solana Beach	↓	5:41a	6:21a	7:01a	7:41a	8:01a	10:01a	12:01p	2:01p	3:01p	4:01p	4:41p	5:01p	5:41p	6:41p	8:01p	9:41p
2	Sorrento Valley	↓	5:50a*	6:30a	7:10a	7:50a	8:10a	10:10a*	12:10p*	2:10p*	3:10p*	4:10p	4:50p	5:10p	5:50p	6:50p	8:10p*	9:50p*
3	San Diego-Old Town	↓	6:11a	6:51a	7:31a	8:11a	8:31a	10:31a	12:31p	2:31p	3:31p	4:31p	5:11p	5:31p	6:11p	7:11p	8:31p	10:11p
	San Diego-SF Depot	ARRIVE	6:17a	6:57a	7:37a	8:17a	8:37a	10:37a	12:37p	2:37p	3:37p	4:37p	5:17p	5:37p	6:17p	7:17p	8:37p	10:17p

NORTHBOUND SAN DIEGO TO OCEANSIDE		MONDAY-FRIDAY														FRI ONLY	PADRES		
		COASTER														COASTER	COASTER		
ZONES	TRAIN SERVICE NO.	621	623	625	627	629	631	633	635	637	639	641	643	645	647	649	651	699	
1	San Diego-SF Depot	DEPART	6:40a	7:40a	8:20a	8:40a	9:20a	11:20a	1:20p	3:40p	4:20p	5:20p	5:40p	6:20p	6:40p	7:40p	9:20p	11:40p	Train departs 60 minutes (1 hour) after end of select games & special events with an absolute departure of 11:55 p.m.
	San Diego-Old Town	↓	6:47a	7:47a	8:27a	8:47a	9:27a	11:27a	1:27p	3:47p	4:27p	5:27p	5:47p	6:27p	6:47p	7:47p	9:27p	11:47p	
2	Sorrento Valley	↓	7:09a	8:09a	8:49a*	9:09a*	9:49a*	11:49a*	1:49p*	4:09p	4:49p	5:49p	6:09p	6:49p	7:09p*	8:09p*	9:49p*	12:09a*	
3	Solana Beach	↓	7:19a	8:19a	8:59a	9:19a	9:59a	11:59a	1:59p	4:19p	4:59p	5:59p	6:19p	6:59p	7:19p	8:19p	9:59p	12:19a	
	Encinitas	↓	7:25a	8:25a	9:05a	9:25a	10:05a	12:05p	2:05p	4:25p	5:05p	6:05p	6:25p	7:05p	7:25p	8:25p	10:05p	12:25a	
	Carlsbad Poinsettia	↓	7:31a	8:31a	9:11a	9:31a	10:11a	12:11p	2:11p	4:31p	5:11p	6:11p	6:31p	7:11p	7:31p	8:31p	10:11p	12:31a	
	Carlsbad Village	↓	7:37a	8:37a	9:17a	9:37a	10:17a	12:17p	2:17p	4:37p	5:17p	6:17p	6:37p	7:17p	7:37p	8:37p	10:17p	12:37a	
	Oceanside	ARRIVE	7:42a	8:42a	9:22a	9:42a	10:22a	12:22p	2:22p	4:42p	5:22p	6:22p	6:42p	7:22p	7:42p	8:42p	10:22p	12:42a	

SOUTHBOUND OCEANSIDE TO SAN DIEGO		SATURDAY & SUNDAY										
		COASTER										
ZONES	TRAIN SERVICE NO.	670	672	674	676	678	680	682	684	686	688	
1	Oceanside	DEPART	7:36a	9:16a	10:36a	12:16p	1:36p	3:16p	4:36p	6:16p	7:36p	9:16p
	Carlsbad Village	↓	7:43a	9:23a	10:43a	12:23p	1:43p	3:23p	4:43p	6:23p	7:43p	9:23p
	Carlsbad Poinsettia	↓	7:49a	9:29a	10:49a	12:29p	1:49p	3:29p	4:49p	6:29p	7:49p	9:29p
	Encinitas	↓	7:55a	9:35a	10:55a	12:35p	1:55p	3:35p	4:55p	6:35p	7:55p	9:35p
	Solana Beach	↓	8:01a	9:41a	11:01a	12:41p	2:01p	3:41p	5:01p	6:41p	8:01p	9:41p
2	Sorrento Valley	↓	8:10a*	9:50a*	11:10a*	12:50p*	2:10p*	3:50p*	5:10p*	6:50p*	8:10p*	9:50p*
3	San Diego-Old Town	↓	8:31a	10:11a	11:31a	1:11p	2:31p	4:11p	5:31p	7:11p	8:31p	10:11p
	San Diego-SF Depot	ARRIVE	8:37a	10:17a	11:37a	1:17p	2:37p	4:17p	5:37p	7:17p	8:37p	10:17p

NORTHBOUND SAN DIEGO TO OCEANSIDE		SATURDAY & SUNDAY										
		COASTER										
ZONES	TRAIN SERVICE NO.	671	673	675	677	679	681	683	685	687	689	
1	San Diego-SF Depot	DEPART	9:20a	10:40a	12:20p	1:40p	3:20p	4:40p	6:20p	7:40p	9:20p	11:40p
	San Diego-Old Town	↓	9:27a	10:47a	12:27p	1:47p	3:27p	4:47p	6:27p	7:47p	9:27p	11:47p
2	Sorrento Valley	↓	9:49a*	11:09a*	12:49p*	2:09p*	3:49p*	5:09p*	6:49p*	8:09p*	9:49p*	12:09a*
3	Solana Beach	↓	9:59a	11:19a	12:59p	2:19p	3:59p	5:19p	6:59p	8:19p	9:59p	12:19a
	Encinitas	↓	10:05a	11:25a	1:05p	2:25p	4:05p	5:25p	7:05p	8:25p	10:05p	12:25a
	Carlsbad Poinsettia	↓	10:11a	11:31a	1:11p	2:31p	4:11p	5:31p	7:11p	8:31p	10:11p	12:31a
	Carlsbad Village	↓	10:17a	11:37a	1:17p	2:37p	4:17p	5:37p	7:17p	8:37p	10:17p	12:37a
	Oceanside	ARRIVE	10:22a	11:42a	1:22p	2:42p	4:22p	5:42p	7:22p	8:42p	10:22p	12:42a

* Sorrento Valley COASTER Connection shuttle service not available for this train.

El servicio de conexión Sorrento Valley de COASTER no está disponible para este tren.

Zones:
COASTER one-way & round trip prices dependent on number of zones traveled.

Zonas:
Los precios en viajes de un solo trayecto y redondo de COASTER dependen del número de zonas recorridas.

COASTER 699 will depart 60 minutes (1 hour) after end of select games & special events with an absolute departure of 11:55 p.m. Padres game times are subject to change. Visit GoNCTD.com for service updates.

COASTER 699 partirá 60 minutos (1 hora) después del final de juegos o eventos especiales selectos, con una hora de salida absoluta de 11:55 p.m. Los horarios de los juegos de los Padres están sujetos a cambios. Visite GoNCTD.com para notificaciones sobre cambios.

Amtrak Pacific Surfliner
Visit GoNCTD.com for more info on R2R.
For a complete Amtrak Pacific Surfliner schedule, please visit PacificSurfliner.com.
Visite GoNCTD.com obtener más información sobre R2R. Para el horario completo del Amtrak Pacific Surfliner, por favor visite PacificSurfliner.com.

COASTER PACIFIC SURFLINER

PLATFORMS / PLATAFORMAS	
COASTER and Amtrak Pacific Surfliner platform assignments for multi-track stations	Asignaciones de plataforma para COASTER y Amtrak Pacific Surfliner para estaciones multi-pista
Oceanside Transit Center	
COASTER trains scheduled to depart from Platform 3	Trenes COASTER programados para partir de la Plataforma 3
Amtrak and Metrolink trains scheduled to depart from Platform 1 or Platform 2	Trenes Amtrak y Metrolink programados para partir de la Plataforma 1 o la Plataforma 2
Carlsbad Poinsettia; Solana Beach; Sorrento Valley; Old Town**	
All trains observe the following at these stations:	Todos los trenes observan lo siguiente en estas estaciones:
Southbound trains depart from Platform 1 (easternmost track)	Los trenes hacia el sur salen de la Plataforma 1 (vía más oriental)
Northbound trains depart from Platform 2 (westernmost track)	Los trenes hacia el norte salen de la Plataforma 2 (vía más occidental)

** At Old Town, all Southbound trains depart from Platform 3 (closest to the Trolley); all Northbound trains depart from Platform 4 (closest to the parking lot). COASTER Ticket Machines are located on Platform 3.

** En Old Town, todos los trenes hacia el sur salen de la Plataforma 3 (la más cercana al Trolley); todos los trenes hacia el norte salen de la Plataforma 4 (la más cercana al estacionamiento). Las máquinas de boletos de COASTER están localizadas en la Plataforma 3.

Holiday COASTER Schedule

Saturday & Sunday Schedule

- New Year's Day
 - Memorial Day
 - Cesar Chavez Day
 - Independence Day
 - Labor Day
 - Thanksgiving Day
 - Christmas Eve
 - Christmas Day
- Schedule subject to change.

Horario Festivo de COASTER

Horario del sábado y domingo

- Año Nuevo
 - Día de los Caídos
 - Día de César Chavez
 - Día de la Independencia
 - Día del Trabajo
 - Día de Acción de Gracias
 - Nochebuena
 - Navidad
- Los horarios están sujetos a cambios.

Sorrento Valley COASTER Connection service does not operate on New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. Schedule subject to change.

El servicio de conexión Sorrento Valley de COASTER no opera en Año Nuevo, Día de los Caídos (Memorial Day), Día de la Independencia, Día del Trabajo, Día de Acción de Gracias ni en Navidad. Los horarios están sujetos a cambios.

- ✉ Twitter: twitter.com/GoNCTD
- ✉ Twitter Service Alerts: twitter.com/NCTD_Alerts
- Facebook: facebook.com/GoNCTD
- Instagram: instagram.com/GoNCTD
- YouTube: youtube.com/GoNCTD
- Mobile Real Time Info: GoNCTD.com/NOW



Tickets sold at vending machines VALID ONLY for the SAME DAY of purchase. NO REFUNDS.

One-way tickets valid for 2 hours from time of purchase. Tickets and stored value may be purchased via the PRONTO app on mobile devices.

Los boletos comprados en una máquina expendedora SOLO SON VÁLIDOS para el MISMO DÍA de su compra. NO HAY REEMBOLSOS.

Los boletos de un solo trayecto son válidos por 2 horas desde su compra. Boletos y Stored Value pueden comprarse a través de la aplicación de PRONTO en dispositivos móviles.

NORTH COUNTY TRANSIT DISTRICT
GoNCTD.com (760) 966-6500

MONDAY THROUGH FRIDAY

Train No.	681	601	603	605	683	607	685	800	687	609	689
Oceanside		4:35	5:16	5:50		6:34		7:39		3:26	
San Clemente Pier		↓	↓	↓		↓		↓		↓	
San Clemente		4:59	5:40	6:14		6:59		8:03		3:50	
San Juan Capistrano		5:08	5:49	6:26		7:08		8:13		4:00	
Laguna Niguel/Mission Viejo	4:05	5:14	5:55	6:32		7:14	8:03	8:19	▶ 8:53	4:06	
Irvine	4:15	5:24	6:05	6:42	7:10	7:24	8:14	8:29	9:04	4:16	5:17
Tustin	4:21	5:31	6:12	6:48	7:17	7:31	8:21	8:35	9:10	4:22	5:24
Santa Ana	4:28	5:38	6:18	6:55	7:24	7:37	8:28	8:42	9:16	4:29	5:30
Orange	4:33	5:43	6:24	7:00	7:29	7:43	8:33	8:47	9:21	4:34	5:36
Anaheim	4:38	5:48	6:28	7:05	7:34	7:48	8:38		9:26	4:39	5:41
Fullerton	4:46	5:56	6:36	7:12	7:42	7:56	8:46		9:35	4:46	5:48
Buena Park	4:51	6:02	6:42	7:18	7:47	8:02	8:52		9:40	4:51	5:54
Norwalk/Santa Fe Springs	4:58	6:09	6:49	7:25	7:55	8:09	9:00		9:47	4:59	6:01
Commerce	↓	↓	6:59	7:35	↓	8:19	9:11		↓	↓	↓
L.A. Union Station	5:26	6:36	7:20	7:56	8:22	8:39	9:31		10:14	5:27	6:29

NOTES:

↓ Train does not stop at this station.

▶ Transfer

Check 91/PV Line (page 26) and Inland Empire-Orange County Line (page 34) schedules for additional trains along this corridor.

AM times **PM times**

Boarding information is available at each station.

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MONDAY THROUGH FRIDAY

Train No.	682	600	684	602	686	604	688	606	608
L.A. Union Station	6:29	7:58	2:11	3:23	3:47	4:30	4:47	5:40	6:31
Commerce	↓	↓	↓	3:39	4:03	4:45	↓	5:55	↓
Norwalk/Santa Fe Springs	6:52	8:22	2:35	3:49	4:14	4:56	5:11	6:06	6:54
Buena Park	6:59	8:29	2:42	3:56	4:22	5:03	5:18	6:13	7:02
Fullerton	7:05	8:35	2:48	4:02	4:27	5:09	5:24	6:19	7:08
Anaheim	7:12	8:42	2:55	4:11	4:35	5:16	5:31	6:26	7:15
Orange	7:16	8:47	3:00	4:16	4:40	5:21	5:36	6:31	7:20
Santa Ana	7:22	8:52	3:05	4:21	4:45	5:26	5:41	6:36	7:25
Tustin	7:28	8:58	3:11	4:27	4:51	5:32	5:47	6:42	7:31
Irvine	7:36	9:07	3:19	4:36	5:03	5:40	5:55	6:50	7:39
Laguna Niguel/Mission Viejo	7:50	9:18	3:33	4:45		5:50	6:09	7:00	7:49
San Juan Capistrano		9:25		4:51		5:56		7:06	7:55
San Clemente		9:38		5:04		6:05		7:15	8:04
San Clemente Pier		↓		↓		↓		↓	↓
Oceanside		10:10		5:31		6:34		7:44	8:33

NOTES: See previous page.

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Oceanside to L.A. **DAILY**

Train No.	A761	A765	A769	A573	A777	A581	A785	A587	A591	A595
Oceanside	4:57	6:57	8:57	10:57	12:57	2:57	4:57	5:57	7:57	9:57
San Clemente Pier	↓	↓	↓	↓	↓	↓	5:20	6:23	↓	↓
San Clemente	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
San Juan Capistrano	5:34	7:34	9:34	11:34	1:34	3:34	5:37	6:36	8:34	10:34
Laguna Niguel/Mission Viejo	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
Irvine	5:49	7:49	9:49	11:49	1:49	3:49	5:52	6:53	8:49	10:49
Tustin	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
Santa Ana	6:01	8:01	10:01	12:01	2:01	4:01	6:04	7:06	9:01	11:01
Orange	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
Anaheim	6:10	8:10	10:10	12:10	2:10	4:10	6:13	7:17	9:10	11:10
Fullerton	6:18	8:18	10:18	12:18	2:18	4:18	6:21	7:25	9:18	11:18
Buena Park	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
Norwalk/Santa Fe Springs	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
Commerce	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
L.A. Union Station	6:57	8:57	10:52	12:57	2:57	4:57	7:00	8:04	9:57	11:57

NOTES:

↓ Train does not stop at this station.

A Amtrak train. Only Metrolink Monthly Pass holders may travel at no additional cost as part of the Rail 2 Rail® Program. Blackout dates may apply; schedules are subject to change. For details, visit metrolinktrains.com/rail2rail.

AM times **PM times**

Boarding information is available at each station.

L.A. to Oceanside **DAILY**

Train No.	A562	A564	A770	A572	A774	A580	A784	A586	A790	A794
L.A. Union Station	6:10	7:10	10:10	11:10	12:10	3:10	5:10	6:10	8:10	10:10
Commerce	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
Norwalk/Santa Fe Springs	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
Buena Park	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
Fullerton	6:41	7:41	10:41	11:41	12:41	3:41	5:41	6:41	8:41	10:41
Anaheim	6:49	7:49	10:49	11:49	12:49	3:49	5:49	6:49	8:49	10:49
Orange	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
Santa Ana	7:01	8:01	11:01	12:01	1:01	4:01	6:01	7:01	9:01	11:01
Tustin	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
Irvine	7:12	8:12	11:12	12:12	1:12	4:12	6:12	7:12	9:12	11:12
Laguna Niguel/Mission Viejo	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
San Juan Capistrano	7:26	8:26	11:25	12:25	1:26	4:26	6:26	7:26	9:26	11:26
San Clemente	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
San Clemente Pier	↓	↓	11:38	12:38	↓	↓	↓	↓	↓	↓
Oceanside	8:05	9:05	12:08	1:08	2:05	5:05	7:05	8:05	10:02	12:05

NOTES: see previous page

SATURDAY AND SUNDAY

	Train No. 661	663	665	667
Oceanside	8:27	11:24	1:28	5:23
San Clemente Pier	8:50	11:52	1:52	5:47
San Clemente	8:53	11:55	1:55	5:50
San Juan Capistrano	9:05	12:05	2:05	6:03
Laguna Niguel/Mission Viejo	9:11	12:12	2:12	6:10
Irvine	9:21	12:22	2:23	6:21
Tustin	9:28	12:29	2:30	6:28
Santa Ana	9:35	12:35	2:37	6:35
Orange	9:40	12:41	2:43	6:41
Anaheim	9:45	12:46	2:48	6:46
Fullerton	9:53	12:53	2:56	6:54
Buena Park	9:58	12:59	3:02	7:00
Norwalk/Santa Fe Springs	10:05	1:06	3:10	7:08
Commerce	↓	↓	↓	↓
L.A. Union Station	10:34	1:34	3:39	7:38

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SATURDAY AND SUNDAY

	Train No. 857	859
San Bernardino - Downtown	6:57	8:56
San Bernardino - Depot	7:02	9:00
Riverside - Downtown	7:19	9:17
Riverside - La Sierra	7:32	9:30
Corona - North Main	7:44	9:43
Corona - West	7:53	9:51
Anaheim Canyon	8:13	10:11
Orange	8:20	10:18
Santa Ana	8:25	10:23
Tustin	8:32	10:30
Irvine	8:40	10:37
Laguna Niguel/Mission Viejo	8:50	10:47
San Juan Capistrano	8:55	10:54
San Clemente	9:05	11:04
San Clemente Pier	9:10	11:09
Oceanside	9:36	11:36

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SATURDAY AND SUNDAY

	Train No. 660	662	664	668
L.A. Union Station	8:40	10:50	2:00	4:27
Commerce	↓	↓	↓	↓
Norwalk/Santa Fe Springs	9:03	11:13	2:24	4:50
Buena Park	9:10	11:21	2:31	4:58
Fullerton	9:16	11:27	2:37	5:04
Anaheim	9:24	11:35	2:45	5:12
Orange	9:29	11:40	2:50	5:17
Santa Ana	9:35	11:45	2:55	5:22
Tustin	9:41	11:51	3:01	5:28
Irvine	9:49	11:59	3:09	5:36
Laguna Niguel/Mission Viejo	10:00	12:09	3:19	5:46
San Juan Capistrano	10:06	12:15	3:25	5:52
San Clemente	10:16	12:25	3:38	6:05
San Clemente Pier	10:20	12:28	3:41	6:08
Oceanside	10:48	12:55	4:08	6:35

NOTES:

↓ Train does not stop at this station.

Check 91/PV Line (page 27) and Inland Empire-Orange County Line (page 33) schedules for additional trains along this corridor.

AM times **PM times**
Boarding information is available at each station.

SATURDAY AND SUNDAY

	Train No. 858	860
Oceanside	2:35	4:28
San Clemente Pier	2:59	4:52
San Clemente	3:02	4:55
San Juan Capistrano	3:12	5:05
Laguna Niguel/Mission Viejo	3:18	5:16
Irvine	3:28	5:26
Tustin	3:35	5:32
Santa Ana	3:41	5:39
Orange	3:47	5:44
Anaheim Canyon	3:54	5:52
Corona - West	4:14	6:12
Corona - North Main	4:20	6:17
Riverside - La Sierra	4:27	6:25
Riverside - Downtown	4:39	6:37
San Bernardino - Depot	4:57	6:54
San Bernardino - Downtown	5:05	7:03

NOTES:

Check 91/PV Line (page 27) and Orange County Line (page 32) schedules for additional trains along this corridor.

AM times **PM times**
Boarding information is available at each station.

MONDAY THROUGH FRIDAY

Train No. 803 805 807 809 811 815 817

San Bernardino - Downtown	4:29	5:18	5:54			12:59	
San Bernardino - Depot	4:33	5:23	5:59			1:03	
Riverside - Downtown	4:50	5:39	6:15	6:50	7:28	1:19	2:48
Riverside - La Sierra	5:02	5:51	6:27	7:02	7:40	1:31	3:01
Corona - North Main	5:10	5:59	6:35	7:10	7:47	1:39	3:08
Corona - West	5:15	6:04	6:40	7:16	7:53	1:44	3:13
Anaheim Canyon	5:35	6:23	7:00	7:36	8:12	2:04	3:32
Orange	5:41	6:30	7:06	7:43	8:19	2:10	3:41
Santa Ana	5:47	6:36	7:12	7:48	8:24	2:16	3:47
Tustin	5:53	6:42	7:18	7:54	8:30	2:22	3:54
Irvine	6:01	6:53	7:26	8:02	8:38	2:29	4:02
Laguna Niguel/Mission Viejo	6:11		7:40	8:16	8:52	2:39	4:13
San Juan Capistrano	6:17					2:45	
San Clemente	6:26					2:55	
San Clemente Pier	↓					↓	
Oceanside	6:56					3:23	

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MONDAY THROUGH FRIDAY

Train No. 800 802 806 808 810 812 814

Oceanside	7:39					4:25	
San Clemente Pier	↓					↓	
San Clemente	8:03					4:52	
San Juan Capistrano	8:13					5:01	
Laguna Niguel/Mission Viejo	8:19	9:13	3:27	3:56	4:52	5:17	6:35
Irvine	8:29	9:22	3:38	4:06	5:02	5:27	6:45
Tustin	8:35	9:29	3:44	4:12	5:08	5:34	6:52
Santa Ana	8:42	9:36	3:51	4:19	5:15	5:41	6:58
Orange	8:47	9:41	3:56	4:24	5:20	5:46	7:04
Anaheim Canyon	8:54	9:48	4:03	4:31	5:27	5:53	7:11
Corona - West	9:14	10:08	4:23	4:51	5:47	6:13	7:30
Corona - North Main	9:19	10:13	4:28	4:56	5:52	6:18	7:36
Riverside - La Sierra	9:27	10:21	4:36	5:04	6:00	6:26	7:44
Riverside - Downtown	9:43	10:33	4:52	5:16	6:12	6:38	8:00
San Bernardino - Depot		10:49		5:33	6:29	6:54	
San Bernardino - Downtown		10:58		5:41	6:37	7:03	

NOTES:

↓ Train does not stop at this station.

Check 91/PV Line (page 26) and Orange County Line (page 28-29) schedules for additional trains along this corridor.

AM times

PM times

Boarding information is available at each station.

MONDAY THROUGH FRIDAY

Train No. 401 403 405 407 409 411

Riverside - Downtown	4:35	5:26	6:06	6:50	8:10	3:10
Jurupa Valley/Pedley	4:49	5:40	6:20	7:04	8:24	3:24
Ontario - East	4:59	5:50	6:30	7:14	8:34	3:34
Pomona - Downtown	5:11	6:02	6:42	7:26	8:46	3:46
Industry	5:20	6:11	6:51	7:35	8:55	3:55
Montebello/Commerce	5:38	6:29	7:09	7:53	9:13	4:13
L.A. Union Station	6:03	6:54	7:34	8:18	9:38	4:38

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MONDAY THROUGH FRIDAY

Train No. 402 404 406 408 410

L.A. Union Station	1:20	4:10	4:50	5:20	6:00
Montebello/Commerce	1:37	4:27	5:07	5:37	6:17
Industry	1:55	4:45	5:25	5:55	6:35
Pomona - Downtown	2:04	4:54	5:34	6:04	6:44
Ontario - East	2:16	5:06	5:46	6:16	6:56
Jurupa Valley/Pedley	2:28	5:18	5:58	6:28	7:08
Riverside - Downtown	2:48	5:37	6:17	6:48	7:28

NOTES: Check 91/PV Line schedule (page 26) for additional trains between L.A. Union Station and Riverside - Downtown.
Boarding information is available at each station.
AM times **PM times**

SOUTHBOUND // Daily

Oakland • San Luis Obispo • San Diego

Train Number ▶		562	564	770	572	774	580	784	586	790	794
Connecting Bus Number ▶		4770			4784			4790		4794	
Oakland, CA	Depart			10:00P				4:45A		7:20A	9:35A
Emeryville, CA				10:15P				4:55A		7:35A	9:50A
San Francisco, CA				10:35P				5:15A		7:55A	10:10A
San Jose, CA				11:45P				6:20A		9:25A	11:25A
Salinas, CA				12:45A				7:35A		10:25A	12:40P
King City, CA				1:35A				8:45A		11:55A	1:55P
Paso Robles, CA				3:15A				9:40A		12:55P	2:55P
San Luis Obispo, CA • Cal Poly • San Luis Obispo Amtrak Station	Arrive Depart			3:45A 4:00A		6:11A		10:15A 10:35A		1:25P 1:40P	3:30P 3:50P 4:12P
Grover Beach, CA				4:25A		6:31A		10:55A		2:05P	4:32P
Santa Maria, CA				4:40A				11:15A		2:20P	
Guadalupe-Santa Maria, CA						6:47A					4:48P
Lompoc, CA						7:21A					5:21P
Solvang, CA				5:15A				11:50A		2:55P	
Buellton, CA				5:25A				12:00P		3:05P	
Goleta, CA				6:39A		8:31A		1:31P		4:25P	6:30P
Santa Barbara, CA • UCSB • Santa Barbara Amtrak Station	Arrive Depart			6:00A 6:30A 6:53A		8:46A 8:49A		12:40P 1:25P 1:45P		3:40P 4:20P 4:40P	6:47P 6:50P
Carpinteria, CA				7:08A		9:04A		2:03P		4:57P	7:08P
Ventura, CA				7:39A		9:38A		2:34P		5:28P	7:43P
Oxnard, CA				7:57A		9:55A		2:53P		5:42P	8:03P
Camarillo, CA				8:10A		10:09A		3:09P		5:53P	8:14P
Moorpark, CA				8:24A		10:23A		3:23P		6:05P	8:24P
Simi Valley, CA				8:41A		10:39A		3:39P		6:21P	8:41P
Chatsworth, CA				8:53A		10:52A		3:52P		6:37P	8:58P
Northridge, CA				8:59A				4:05P			
Van Nuys, CA				9:09A		11:07A		4:13P		6:50P	9:09P
Hollywood Burbank Airport, CA				9:17A		11:15A		4:21P		7:05P	9:17P
Burbank-Downtown, CA				9:22A				4:26P			
Glendale, CA				9:29A		11:26A		4:34P		7:17P	9:28P
Los Angeles, CA	Arrive Depart	6:10A	7:10A	9:46A 10:10A	11:10A	12:10P	3:10P	4:48P 5:10P	6:10P	7:40P 8:10P	9:46P 10:10P
Fullerton, CA		6:41A	7:41A	10:41A	11:41A	12:41P	3:41P	5:41P	6:41P	8:41P	10:41P
Anaheim, CA		6:49A	7:49A	10:49A	11:49A	12:49P	3:49P	5:49P	6:49P	8:49P	10:49P
Santa Ana, CA		7:01A	8:01A	11:01A	12:01P	1:01P	4:01P	6:01P	7:01P	9:01P	11:01P
Irvine, CA		7:12A	8:12A	11:12A	12:12P	1:12P	4:12P	6:12P	7:12P	9:12P	11:12P
San Juan Capistrano, CA		7:26A	8:26A	11:25A	12:25P	1:26P	4:26P	6:26P	7:26P	9:26P	11:26P
San Clemente Pier, CA				11:38A	12:38P						
Oceanside, CA		8:05A	9:05A	12:08P	1:08P	2:05P	5:05P	7:05P	8:05P	10:02P	12:05A
Solana Beach, CA		8:20A	9:20A	12:23P	1:23P	2:20P	5:20P	7:20P	8:20P	10:20P	12:20A
San Diego, CA • Old Town San Diego Amtrak Station • Downtown San Diego Amtrak Station	Arrive	8:51A 9:04A	9:51A 10:04A	12:54P 1:07P	1:54P 2:07P	2:51P 3:04P	5:51P 6:04P	7:51P 8:04P	8:51P 9:04P	10:49P 11:04P	12:51A 1:04A

Pacific Surfliner train service
 Thruway Bus and connecting services

Airport connection
 Thruway Bus stop
 Stops to receive and discharge passengers; train may leave before time shown

NORTHBOUND // Daily

San Diego • San Luis Obispo • Oakland

Train Number ▶		761	765	769	573	777	581	785	587	591	595
Connecting Bus Number ▶		4761	4765	4769	4785						
San Diego, CA											
• Downtown San Diego Amtrak Station	Depart	4:01A	6:01A	8:01A	10:01A	12:01P	2:01P	4:01P	5:01P	7:01P	9:01P
• Old Town San Diego Amtrak Station		4:10A	6:10A	8:10A	10:10A	12:10P	2:10P	4:10P	5:10P	7:10P	9:10P
Solana Beach, CA		4:40A	6:40A	8:40A	10:40A	12:40P	2:40P	4:40P	5:40P	7:40P	9:40P
Oceanside, CA		4:57A	6:57A	8:57A	10:57A	12:57P	2:57P	4:57P	5:57P	7:57P	9:57P
San Clemente Pier, CA								5:20P	6:23P		
San Juan Capistrano, CA		5:34A	7:34A	9:34A	11:34A	1:34P	3:34P	5:37P	6:36P	8:34P	10:34P
Irvine, CA		5:49A	7:49A	9:49A	11:49A	1:49P	3:49P	5:52P	6:53P	8:49P	10:49P
Santa Ana, CA		6:01A	8:01A	10:01A	12:01P	2:01P	4:01P	6:04P	7:06P	9:01P	11:01P
Anaheim, CA		6:10A	8:10A	10:10A	12:10P	2:10P	4:10P	6:13P	7:17P	9:10P	11:10P
Fullerton, CA		6:18A	8:18A	10:18A	12:18P	2:18P	4:18P	6:21P	7:25P	9:18P	11:18P
Los Angeles, CA	Arrive	6:57A	8:57A	10:52A	12:57P	2:57P	4:57P	6:57P	8:04P	9:57P	11:57P
	Depart	7:13A	9:13A	11:13A		3:13P		7:13P			
Glendale, CA		7:26A	9:26A	11:26A		3:26P		7:26P			
Burbank-Downtown, CA		7:33A				3:33P					
Hollywood Burbank Airport, CA		7:39A	9:36A	11:36A		3:39P		7:36P			
Van Nuys, CA		7:47A	9:44A	11:44A		3:47P		7:44P			
Northridge, CA		7:55A				3:55P					
Chatsworth, CA		8:02A	9:59A	11:59A		4:01P		7:59P			
Simi Valley, CA		8:14A	10:11A	12:11P		4:13P		8:11P			
Moorpark, CA		8:27A	10:24A	12:23P		4:26P		8:25P			
Camarillo, CA		8:41A	10:36A	12:36P		4:41P		8:47P			
Oxnard, CA		8:56A	10:54A	12:51P		4:52P		8:59P			
Ventura, CA		9:10A	11:08A	1:05P		5:06P		9:13P			
Carpinteria, CA		9:36A	11:34A	1:31P		5:28P		9:35P			
Santa Barbara, CA											
• Santa Barbara Amtrak Station	Arrive	9:55A	11:50A	1:49P		5:46P		9:59P			
	Depart	9:58A	11:55A	2:00P		5:49P		10:05P			
• UCSB			12:10P	2:15P				10:20P			
Goleta, CA		10:11A	12:03P	2:02P		6:05P		10:12P			
Solvang, CA			12:45P	2:45P				10:50P			
Buellton, CA			12:55P	2:50P				10:55P			
Lompoc, CA		11:20A				7:22P					
Guadalupe-Santa Maria, CA		11:54A				7:56P					
Santa Maria, CA			1:25P	3:30P				11:35P			
Grover Beach, CA		12:09P	1:45P	3:55P		8:11P		11:59P			
San Luis Obispo, CA											
• San Luis Obispo Amtrak Station	Arrive	12:39P				8:46P					
	Depart	12:45P	2:15P	4:25P				12:30A			
• Cal Poly		12:55P	2:25P	4:35P				12:40A			
Paso Robles, CA		1:25P	2:55P	5:05P				1:10A			
King City, CA		2:50P	4:20P	6:30P				2:35A			
Salinas, CA		3:40P	5:10P	7:20P				3:25A			
San Jose, CA		4:50P	6:20P	8:25P				4:30A			
San Francisco, CA		6:00P	7:30P	9:40P				5:45A			
Emeryville, CA				10:05P				6:05A			
Oakland, CA	Arrive	6:30P	8:00P	10:15P				6:15A			

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