

9588 San Clemente Housing Element Update
Noise Measurement Data

Summary

File Name on Meter	LxT_Data.011.s
File Name on PC	LxTse_0003829-20210616 121659-LxT_Data.011.ldbin
Serial Number	0003829
Model	SoundExpert® LxT
Firmware Version	2.301
User	
Location	Measurement 1
Job Description	San Clemente Housing Element Update
Note	

Measurement

Description	
Start	2021-06-16 12:16:59
Stop	2021-06-16 12:33:35
Duration	00:16:35.7
Run Time	00:15:01.5
Pause	00:01:34.2
Pre-Calibration	2021-06-16 10:02:52
Post-Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamplifier	PRMLxT1L
Microphone Correction	Off
Integration Method	Linear
OBA Range	Normal
OBA Bandwidth	1/1 and 1/3
OBA Frequency Weighting	A Weighting
OBA Max Spectrum	At LMax
Overload	122.1 dB
	A C Z
Under Range Peak	78.4 75.4 80.4 dB
Under Range Limit	26.2 25.3 32.2 dB
Noise Floor	16.3 16.2 22.1 dB

Results

LAeq	60.8		
LAE	90.3		
EA	119.652 $\mu\text{Pa}^2\text{h}$		
LApeak (max)	2021-06-16 12:16:59	86.2 dB	
LASmax	2021-06-16 12:17:08	69.1 dB	
LASmin	2021-06-16 12:25:47	50.2 dB	
SEA	-99.9 dB		
LAS > 85.0 dB (Exceedance Counts / Duration)	0	0.0 s	
LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0 s	
LApeak > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s	
LApeak > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s	
LApeak > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s	

Community Noise	Ldn	LDay 07:00-22:00	LNight 22:00-07:00	Lden	LDay 07:00-19:00	LEvening 19:00-22:00	LNight 22:00-07:00	dB
	60.8	60.8	-99.9	60.8	60.8	-99.9	-99.9	

LCeq	70.9 dB
LAeq	60.8 dB
LCeq - LAeq	10.1 dB
LAleq	61.7 dB
LAeq	60.8 dB
LAleq - LAeq	0.9 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	60.8		70.9			
LS(max)	69.1	2021/06/16 12:17:08				
LS(min)	50.2	2021/06/16 12:25:47				
LPeak(max)	86.2	2021/06/16 12:16:59				

Overload Count	0
Overload Duration	0.0 s
OBA Overload Count	0
OBA Overload Duration	0.0 s

Statistics

LA5.00	65.2 dB
LA10.00	64.0 dB
LA33.30	60.9 dB
LA50.00	59.1 dB
LA66.60	57.5 dB
LA90.00	54.6 dB

9588 San Clemente Housing Element Update
Noise Measurement Data

Summary	
File Name on Meter	LxT_Data.012.s
File Name on PC	LxTse_0003829-20210616 130223-LxT_Data.012.lbin
Serial Number	0003829
Model	SoundExpert® LxT
Firmware Version	2.301
User	
Location	Measurement 2
Job Description	San Clemente Housing Element Update
Note	

Measurement	
Description	
Start	2021-06-16 13:02:23
Stop	2021-06-16 13:17:48
Duration	00:15:24.9
Run Time	00:15:02.0
Pause	00:00:22.9
Pre-Calibration	2021-06-16 10:02:52
Post-Calibration	None
Calibration Deviation	---

Overall Settings	
RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamplifier	PRMLxT1L
Microphone Correction	Off
Integration Method	Linear
OBA Range	Normal
OBA Bandwidth	1/1 and 1/3
OBA Frequency Weighting	A Weighting
OBA Max Spectrum	At LMax
Overload	122.1 dB
	A C Z
Under Range Peak	78.4 75.4 80.4 dB
Under Range Limit	26.2 25.3 32.2 dB
Noise Floor	16.3 16.2 22.1 dB

Results	
LAeq	63.9
LAE	93.4
EA	243.391 µPa²h
LApeak (max)	2021-06-16 13:07:33 100.9 dB
LASmax	2021-06-16 13:14:01 76.0 dB
LASmin	2021-06-16 13:09:25 49.0 dB
SEA	-99.9 dB
LAS > 85.0 dB (Exceedance Counts / Duration)	0 0.0 s
LAS > 115.0 dB (Exceedance Counts / Duration)	0 0.0 s
LApeak > 135.0 dB (Exceedance Counts / Duration)	0 0.0 s
LApeak > 137.0 dB (Exceedance Counts / Duration)	0 0.0 s
LApeak > 140.0 dB (Exceedance Counts / Duration)	0 0.0 s

Community Noise	Ldn	LDay 07:00-22:00	LNight 22:00-07:00	Lden	LDay 07:00-19:00	LEvening 19:00-22:00	LNight 22:00-07:00	dB
	63.9	63.9	-99.9	63.9	63.9	-99.9	-99.9	

LCeq	74.1 dB				
LAeq	63.9 dB				
LCeq - LAeq	10.2 dB				
LAleq	67.0 dB				
LAeq	63.9 dB				
LAleq - LAeq	3.1 dB				
	A C Z				
	dB Time Stamp dB Time Stamp dB Time Stamp				
Leq	63.9	74.1			
LS(max)	76.0 2021/06/16 13:14:01				
LS(min)	49.0 2021/06/16 13:09:25				
LPeak(max)	100.9 2021/06/16 13:07:33				
Overload Count	0				
Overload Duration	0.0 s				
OBA Overload Count	0				
OBA Overload Duration	0.0 s				

Statistics	
LA5.00	69.1 dB
LA10.00	66.8 dB
LA33.30	63.7 dB
LA50.00	61.8 dB
LA66.60	59.6 dB
LA90.00	54.6 dB

9588 San Clemente Housing Element Update
Noise Measurement Data

Summary	
File Name on Meter	LxT_Data.013.s
File Name on PC	LxTse_0003829-20210616 140325-LxT_Data.013.lbin
Serial Number	0003829
Model	SoundExpert® LxT
Firmware Version	2.301
User	
Location	Measurement 3
Job Description	San Clemente Housing Element Update
Note	

Measurement	
Description	
Start	2021-06-16 14:03:25
Stop	2021-06-16 14:19:31
Duration	00:16:06.5
Run Time	00:15:01.1
Pause	00:01:05.4
Pre-Calibration	2021-06-16 10:02:52
Post-Calibration	None
Calibration Deviation	---

Overall Settings	
RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamplifier	PRMLxT1L
Microphone Correction	Off
Integration Method	Linear
OBA Range	Normal
OBA Bandwidth	1/1 and 1/3
OBA Frequency Weighting	A Weighting
OBA Max Spectrum	At LMax
Overload	122.1 dB
	A C Z
Under Range Peak	78.4 75.4 80.4 dB
Under Range Limit	26.2 25.3 32.2 dB
Noise Floor	16.3 16.2 22.1 dB

Results	
LAeq	56.9
LAE	86.5
EA	49.405 µPa²h
LApeak (max)	2021-06-16 14:17:23 94.1 dB
LASmax	2021-06-16 14:17:23 78.7 dB
LASmin	2021-06-16 14:14:36 43.4 dB
SEA	-99.9 dB
LAS > 85.0 dB (Exceedance Counts / Duration)	0 0.0 s
LAS > 115.0 dB (Exceedance Counts / Duration)	0 0.0 s
LApeak > 135.0 dB (Exceedance Counts / Duration)	0 0.0 s
LApeak > 137.0 dB (Exceedance Counts / Duration)	0 0.0 s
LApeak > 140.0 dB (Exceedance Counts / Duration)	0 0.0 s

Community Noise	Ldn	LDay 07:00-22:00	LNight 22:00-07:00	Lden	LDay 07:00-19:00	LEvening 19:00-22:00	LNight 22:00-07:00	dB
	56.9	56.9	-99.9	56.9	56.9	-99.9	-99.9	

LCeq	67.5 dB				
LAeq	56.9 dB				
LCeq - LAeq	10.5 dB				
LAlaq	59.0 dB				
LAeq	56.9 dB				
LAlaq - LAeq	2.1 dB				
	A C Z				
	dB Time Stamp dB Time Stamp dB Time Stamp				
Leq	56.9	67.5			
LS(max)	78.7 2021/06/16 14:17:23				
LS(min)	43.4 2021/06/16 14:14:36				
LPeak(max)	94.1 2021/06/16 14:17:23				
Overload Count	0				
Overload Duration	0.0 s				
OBA Overload Count	0				
OBA Overload Duration	0.0 s				

Statistics	
LA5.00	59.5 dB
LA10.00	56.5 dB
LA33.30	51.4 dB
LA50.00	48.9 dB
LA66.60	47.2 dB
LA90.00	45.2 dB

9588 San Clemente Housing Element Update
Noise Measurement Data

Summary

File Name on Meter	LxT_Data.009.s
File Name on PC	LxTse_0003829-20210616 101359-LxT_Data.009.lbin
Serial Number	0003829
Model	SoundExpert® LxT
Firmware Version	2.301
User	
Location	Measurement 4
Job Description	San Clemente Housing Element Update
Note	

Measurement

Description	
Start	2021-06-16 10:13:59
Stop	2021-06-16 10:30:00
Duration	00:16:01.3
Run Time	00:15:01.3
Pause	00:01:00.0
Pre-Calibration	2021-06-16 10:02:52
Post-Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamplifier	PRMLxT1L
Microphone Correction	Off
Integration Method	Linear
OBA Range	Normal
OBA Bandwidth	1/1 and 1/3
OBA Frequency Weighting	A Weighting
OBA Max Spectrum	At LMax
Overload	122.1 dB
	A C Z
Under Range Peak	78.4 75.4 80.4 dB
Under Range Limit	26.2 25.3 32.2 dB
Noise Floor	16.3 16.2 22.1 dB

Results

LAeq	58.2		
LAE	87.8		
EA	66.930 $\mu\text{Pa}^2\text{h}$		
LApeak (max)	2021-06-16 10:13:59	88.9 dB	
LASmax	2021-06-16 10:23:38	70.1 dB	
LASmin	2021-06-16 10:25:46	51.5 dB	
SEA	-99.9 dB		
LAS > 85.0 dB (Exceedance Counts / Duration)	0	0.0 s	
LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0 s	
LApeak > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s	
LApeak > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s	
LApeak > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s	

Community Noise	Ldn	LDay 07:00-22:00	LNight 22:00-07:00	Lden	LDay 07:00-19:00	LEvening 19:00-22:00	LNight 22:00-07:00	dB
	58.3	58.3	-99.9	58.3	58.3	-99.9	-99.9	

LCeq	71.5 dB
LAeq	58.2 dB
LCeq - LAeq	13.2 dB
LAleq	59.1 dB
LAeq	58.2 dB
LAleq - LAeq	0.9 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	58.2		71.5			
LS(max)	70.1	2021/06/16 10:23:38				
LS(min)	51.5	2021/06/16 10:25:46				
LPeak(max)	88.9	2021/06/16 10:13:59				

Overload Count	0
Overload Duration	0.0 s
OBA Overload Count	0
OBA Overload Duration	0.0 s

Statistics

LA5.00	60.8 dB
LA10.00	59.9 dB
LA33.30	58.4 dB
LA50.00	57.6 dB
LA66.60	56.9 dB
LA90.00	54.9 dB

9588 San Clemente Housing Element Update
Noise Measurement Data

Summary	
File Name on Meter	LxT_Data.010.s
File Name on PC	LxTse_0003829-20210616 112003-LxT_Data.010.ldbin
Serial Number	0003829
Model	SoundExpert® LxT
Firmware Version	2.301
User	
Location	Measurement 5
Job Description	San Clemente Housing Element Update
Note	

Measurement	
Description	
Start	2021-06-16 11:20:03
Stop	2021-06-16 11:35:12
Duration	00:15:09.1
Run Time	00:15:02.0
Pause	00:00:07.1
Pre-Calibration	2021-06-16 10:02:52
Post-Calibration	None
Calibration Deviation	---

Overall Settings	
RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamplifier	PRMLxT1L
Microphone Correction	Off
Integration Method	Linear
OBA Range	Normal
OBA Bandwidth	1/1 and 1/3
OBA Frequency Weighting	A Weighting
OBA Max Spectrum	At LMax
Overload	122.1 dB
	A C Z
Under Range Peak	78.4 75.4 80.4 dB
Under Range Limit	26.2 25.3 32.2 dB
Noise Floor	16.3 16.2 22.1 dB

Results	
LAeq	58.9
LAE	88.5
EA	78.672 µPa²h
LApeak (max)	2021-06-16 11:21:05 96.0 dB
LASmax	2021-06-16 11:21:05 76.6 dB
LASmin	2021-06-16 11:28:08 46.3 dB
SEA	-99.9 dB
LAS > 85.0 dB (Exceedance Counts / Duration)	0 0.0 s
LAS > 115.0 dB (Exceedance Counts / Duration)	0 0.0 s
LApeak > 135.0 dB (Exceedance Counts / Duration)	0 0.0 s
LApeak > 137.0 dB (Exceedance Counts / Duration)	0 0.0 s
LApeak > 140.0 dB (Exceedance Counts / Duration)	0 0.0 s

Community Noise	Ldn	LDay 07:00-22:00	LNight 22:00-07:00	Lden	LDay 07:00-19:00	LEvening 19:00-22:00	LNight 22:00-07:00	dB
	58.9	58.9	-99.9	58.9	58.9	-99.9	-99.9	

LCeq	69.3 dB				
LAeq	58.9 dB				
LCeq - LAeq	10.4 dB				
LAleq	61.7 dB				
LAeq	58.9 dB				
LAleq - LAeq	2.8 dB				
	A C Z				
	dB Time Stamp dB Time Stamp dB Time Stamp				
Leq	58.9	69.3			
LS(max)	76.6 2021/06/16 11:21:05				
LS(min)	46.3 2021/06/16 11:28:08				
LPeak(max)	96.0 2021/06/16 11:21:05				
Overload Count	0				
Overload Duration	0.0 s				
OBA Overload Count	0				
OBA Overload Duration	0.0 s				

Statistics	
LA5.00	63.1 dB
LA10.00	61.7 dB
LA33.30	58.6 dB
LA50.00	56.7 dB
LA66.60	54.7 dB
LA90.00	50.4 dB

9588 San Clemente Housing Element Update
Noise Measurement Data

Summary	
File Name on Meter	LxT_Data.014.s
File Name on PC	LxTse_0003829-20210616 144209-LxT_Data.014.ldbin
Serial Number	0003829
Model	SoundExpert® LxT
Firmware Version	2.301
User	
Location	Measurement 6
Job Description	San Clemente Housing Element Update
Note	

Measurement	
Description	
Start	2021-06-16 14:42:09
Stop	2021-06-16 14:59:00
Duration	00:16:51.2
Run Time	00:15:02.2
Pause	00:01:49.0
Pre-Calibration	2021-06-16 10:02:52
Post-Calibration	None
Calibration Deviation	---

Overall Settings	
RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamplifier	PRMLxT1L
Microphone Correction	Off
Integration Method	Linear
OBA Range	Normal
OBA Bandwidth	1/1 and 1/3
OBA Frequency Weighting	A Weighting
OBA Max Spectrum	At LMax
Overload	122.1 dB
	A C Z
Under Range Peak	78.4 75.4 80.4 dB
Under Range Limit	26.2 25.3 32.2 dB
Noise Floor	16.3 16.2 22.1 dB

Results	
LAeq	59.1
LAE	88.7
EA	81.617 $\mu\text{Pa}^2\text{h}$
LApeak (max)	2021-06-16 14:50:43 91.1 dB
LASmax	2021-06-16 14:53:14 76.9 dB
LASmin	2021-06-16 14:53:53 41.6 dB
SEA	-99.9 dB
LAS > 85.0 dB (Exceedance Counts / Duration)	0 0.0 s
LAS > 115.0 dB (Exceedance Counts / Duration)	0 0.0 s
LApeak > 135.0 dB (Exceedance Counts / Duration)	0 0.0 s
LApeak > 137.0 dB (Exceedance Counts / Duration)	0 0.0 s
LApeak > 140.0 dB (Exceedance Counts / Duration)	0 0.0 s

Community Noise	Ldn	LDay 07:00-22:00	LNight 22:00-07:00	Lden	LDay 07:00-19:00	LEvening 19:00-22:00	LNight 22:00-07:00	dB
	59.1	59.1	-99.9	59.1	59.1	-99.9	-99.9	

LCeq	67.5 dB				
LAeq	59.1 dB				
LCeq - LAeq	8.4 dB				
LAleq	60.7 dB				
LAeq	59.1 dB				
LAleq - LAeq	1.6 dB				
	A C Z				
	dB Time Stamp dB Time Stamp dB Time Stamp				
Leq	59.1	67.5			
LS(max)	76.9 2021/06/16 14:53:14				
LS(min)	41.6 2021/06/16 14:53:53				
LPeak(max)	91.1 2021/06/16 14:50:43				
Overload Count	0				
Overload Duration	0.0 s				
OBA Overload Count	0				
OBA Overload Duration	0.0 s				

Statistics	
LA5.00	63.5 dB
LA10.00	61.4 dB
LA33.30	56.9 dB
LA50.00	54.3 dB
LA66.60	51.5 dB
LA90.00	45.0 dB

Ambient Noise Levels

Segment	Roadway	Segment		Existing	2045 No Project	2045 With Project	Increase Over Existing	Increase Over No Project
1	Ave Vista Hermosa	Ave Pico	I-5	62.0	65.8	66.5	4.5	0.7
2	Ave Vista Hermosa	I-5	Calle Frontera	70.8	71.9	72.2	1.4	0.3
3	Ave Vista Hermosa	Calle Frontera	Camino Vera Cruz	60.1	57.0	57.0	-3.1	0.0
4	Ave Vista Hermosa	Camino Vera Cruz	Ave La Pata	68.7	72.2	72.3	3.6	0.1
5	Ave Vista Hermosa	Ave La Pata	Ave Talega	67.9	69.2	69.7	1.8	0.5
6	Ave Vista Hermosa	Ave Talega	Ave Pico	68.4	67.8	68.0	-0.4	0.2
7	Ave Pico	El Camino Real	Ave Vista Hermosa	60.6	59.3	59.6	-1.0	0.3
8	Ave Pico	Ave Vista Hermosa	I-5	63.0	64.2	64.7	1.7	0.5
9	Ave Pico	I-5	Calle Frontera	72.4	72.1	72.4	0.0	0.3
10	Ave Pico	Calle Frontera	Camino Vera Cruz	74.6	74.3	74.6	0.0	0.3
11	Ave Pico	Camino Vera Cruz	Ave La Pata	73.8	73.3	74.0	0.2	0.7
12	Ave Pico	Ave La Pata	Ave Vista Hermosa	72.7	72.3	72.7	0.0	0.4
13	Ave Pico	Ave Vista Hermosa	Camino La Pedriza	70.7	73.0	73.3	2.6	0.3
14	Camino Vera Cruz	Ave Vista Hermosa	Ave Pico	65.8	70.1	70.1	4.3	0.0
15	Ave La Pata	Camino Del Rio	Ave Vista Hermosa	73.9	75.1	75.3	1.4	0.2
16	Ave La Pata	Ave Vista Hermosa	Ave Pico	69.5	68.5	68.6	-0.9	0.1
17	Ave La Pata	Ave Pico	Calle del Cerro	69.5	69.3	69.4	-0.1	0.1
18	El Camino Real	Ave Pico	Calle de los Molinos	65.9	66.2	66.4	0.5	0.2
19	El Camino Real	Calle de los Molinos	Calle Valle	68.3	68.6	68.7	0.4	0.1
20	El Camino Real	Calle Valle	El Portal	69.4	69.6	69.7	0.3	0.1

FHWA RD-77-108
Traffic Noise Prediction Model
 Data Input Sheet

Project Name : San Clemente HEU
Project Number : 9588
Modeled Condition : Ambient Noise - Existing

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

Segment	Roadway	Segment	Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	K-Factor
1	Ave Vista Hermosa	Ave Pico	2,698	40	50	97.00	2.00	1.00	77.40	8.00	14.60	
2	Ave Vista Hermosa	I-5	20,167	40	50	97.00	2.00	1.00	77.40	8.00	14.60	
3	Ave Vista Hermosa	Calle Frontera	1,726	40	50	97.00	2.00	1.00	77.40	8.00	14.60	
4	Ave Vista Hermosa	Camino Vera Cruz	9,420	45	50	97.00	2.00	1.00	77.40	8.00	14.60	
5	Ave Vista Hermosa	Ave La Pata	7,793	45	50	97.00	2.00	1.00	77.40	8.00	14.60	
6	Ave Vista Hermosa	Ave Talega	8,784	45	50	97.00	2.00	1.00	77.40	8.00	14.60	
7	Ave Pico	El Camino Real	2,659	35	50	97.00	2.00	1.00	77.40	8.00	14.60	
8	Ave Pico	Ave Vista Hermosa	4,658	35	50	97.00	2.00	1.00	77.40	8.00	14.60	
9	Ave Pico	I-5	40,266	35	50	97.00	2.00	1.00	77.40	8.00	14.60	
10	Ave Pico	Calle Frontera	37,019	45	50	97.00	2.00	1.00	77.40	8.00	14.60	
11	Ave Pico	Camino Vera Cruz	25,608	45	50	95.00	3.00	2.00	77.40	8.00	14.60	
12	Ave Pico	Ave La Pata	15,784	50	50	95.00	3.00	2.00	77.40	8.00	14.60	
13	Ave Pico	Ave Vista Hermosa	10,085	50	50	95.00	3.00	2.00	77.40	8.00	14.60	
14	Camino Vera Cruz	Ave Vista Hermosa	6,191	40	50	96.00	3.00	1.00	77.40	8.00	14.60	
15	Ave La Pata	Camino Del Rio	19,090	55	50	97.00	2.00	1.00	77.40	8.00	14.60	
16	Ave La Pata	Ave Vista Hermosa	11,339	45	50	97.00	2.00	1.00	77.40	8.00	14.60	
17	Ave La Pata	Ave Pico	11,456	45	50	97.00	2.00	1.00	77.40	8.00	14.60	
18	El Camino Real	Ave Pico	8,965	35	50	97.00	2.00	1.00	77.40	8.00	14.60	
19	El Camino Real	Calle de los Molinos	15,750	35	50	97.00	2.00	1.00	77.40	8.00	14.60	
20	El Camino Real	Calle Valle	20,365	35	50	97.00	2.00	1.00	77.40	8.00	14.60	

FHWA RD-77-108
Traffic Noise Prediction Model
 Predicted Noise Levels

Project Name : San Clemente HEU
Project Number : 9588
Modeled Condition : Ambient Noise - Existing
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
1	Ave Vista Hermosa	Ave Pico	I-5	60.5	52.6	54.4	62	7	15	32	68	146	315
2	Ave Vista Hermosa	I-5	Calle Frontera	69.3	61.3	63.2	71	26	57	122	262	565	1,218
3	Ave Vista Hermosa	Calle Frontera	Camino Vera Cruz	58.6	50.7	52.5	60	5	11	24	51	109	236
4	Ave Vista Hermosa	Camino Vera Cruz	Ave La Pata	67.4	58.8	60.3	69	19	41	88	190	410	882
5	Ave Vista Hermosa	Ave La Pata	Ave Talega	66.6	58.0	59.5	68	17	36	78	168	362	780
6	Ave Vista Hermosa	Ave Talega	Ave Pico	67.1	58.5	60.0	68	18	39	84	182	391	843
7	Ave Pico	El Camino Real	Ave Vista Hermosa	58.8	51.6	53.8	61	5	12	25	55	118	254
8	Ave Pico	Ave Vista Hermosa	I-5	61.2	54.1	56.3	63	8	17	37	79	171	368
9	Ave Pico	I-5	Calle Frontera	70.6	63.4	65.6	72	34	72	156	335	723	1,557
10	Ave Pico	Calle Frontera	Camino Vera Cruz	73.4	64.8	66.3	75	47	101	218	470	1,013	2,183
11	Ave Pico	Camino Vera Cruz	Ave La Pata	71.7	64.9	67.7	74	42	90	193	416	896	1,930
12	Ave Pico	Ave La Pata	Ave Vista Hermosa	70.9	63.6	66.0	73	35	76	163	351	757	1,630
13	Ave Pico	Ave Vista Hermosa	Camino La Pedriza	69.0	61.6	64.1	71	26	56	120	258	557	1,199
14	Camino Vera Cruz	Ave Vista Hermosa	Ave Pico	64.1	58.0	58.0	66	12	26	57	122	262	565
15	Ave La Pata	Camino Del Rio	Ave Vista Hermosa	73.0	63.3	64.2	74	42	91	196	422	910	1,960
16	Ave La Pata	Ave Vista Hermosa	Ave Pico	68.3	59.6	61.1	70	21	46	100	215	463	998
17	Ave La Pata	Ave Pico	Calle del Cerro	68.3	59.7	61.2	70	21	46	100	215	463	998
18	El Camino Real	Ave Pico	Calle de los Molinos	64.1	56.9	59.1	66	12	27	57	124	266	574
19	El Camino Real	Calle de los Molinos	Calle Valle	66.5	59.4	61.6	68	18	39	83	179	385	830
20	El Camino Real	Calle Valle	El Portal	67.7	60.5	62.7	69	21	46	98	212	456	982

FHWA RD-77-108
Traffic Noise Prediction Model
 Data Input Sheet

Project Name : San Clemente HEU
Project Number : 9588
Modeled Condition : Ambient Noise - 2045 With Project

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

Segment	Roadway	Segment	Speed	Traffic Vol.	Distance	% Autos	%MT	% HT	Day %	Eve %	Night %	K-Factor
			(Mph)		to CL							
1	Ave Vista Hermosa	Ave Pico	I-5	7,549	40	50	97.00	2.00	1.00	77.40	8.00	14.60
2	Ave Vista Hermosa	I-5	Calle Frontera	28,167	40	50	97.00	2.00	1.00	77.40	8.00	14.60
3	Ave Vista Hermosa	Calle Frontera	Camino Vera Cruz	857	40	50	97.00	2.00	1.00	77.40	8.00	14.60
4	Ave Vista Hermosa	Camino Vera Cruz	Ave La Pata	21,696	45	50	97.00	2.00	1.00	77.40	8.00	14.60
5	Ave Vista Hermosa	Ave La Pata	Ave Talega	11,970	45	50	97.00	2.00	1.00	77.40	8.00	14.60
6	Ave Vista Hermosa	Ave Talega	Ave Pico	8,062	45	50	97.00	2.00	1.00	77.40	8.00	14.60
7	Ave Pico	El Camino Real	Ave Vista Hermosa	2,092	35	50	97.00	2.00	1.00	77.40	8.00	14.60
8	Ave Pico	Ave Vista Hermosa	I-5	6,760	35	50	97.00	2.00	1.00	77.40	8.00	14.60
9	Ave Pico	I-5	Calle Frontera	39,839	35	50	97.00	2.00	1.00	77.40	8.00	14.60
10	Ave Pico	Calle Frontera	Camino Vera Cruz	36,518	45	50	97.00	2.00	1.00	77.40	8.00	14.60
11	Ave Pico	Camino Vera Cruz	Ave La Pata	26,889	45	50	95.00	3.00	2.00	77.40	8.00	14.60
12	Ave Pico	Ave La Pata	Ave Vista Hermosa	15,681	50	50	95.00	3.00	2.00	77.40	8.00	14.60
13	Ave Pico	Ave Vista Hermosa	Camino La Pedriza	18,111	50	50	95.00	3.00	2.00	77.40	8.00	14.60
14	Camino Vera Cruz	Ave Vista Hermosa	Ave Pico	16,634	40	50	96.00	3.00	1.00	77.40	8.00	14.60
15	Ave La Pata	Camino Del Rio	Ave Vista Hermosa	25,914	55	50	97.00	2.00	1.00	77.40	8.00	14.60
16	Ave La Pata	Ave Vista Hermosa	Ave Pico	9,225	45	50	97.00	2.00	1.00	77.40	8.00	14.60
17	Ave La Pata	Ave Pico	Calle del Cerro	11,070	45	50	97.00	2.00	1.00	77.40	8.00	14.60
18	El Camino Real	Ave Pico	Calle de los Molinos	10,101	35	50	97.00	2.00	1.00	77.40	8.00	14.60
19	El Camino Real	Calle de los Molinos	Calle Valle	17,366	35	50	97.00	2.00	1.00	77.40	8.00	14.60
20	El Camino Real	Calle Valle	El Portal	21,759	35	50	97.00	2.00	1.00	77.40	8.00	14.60

FHWA RD-77-108
Traffic Noise Prediction Model
 Predicted Noise Levels

Project Name : San Clemente HEU
Project Number : 9588
Modeled Condition : Ambient Noise - 2045 With Project
Assessment Metric: Soft

Segment	Roadway	Segment	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
1	Ave Vista Hermosa	Ave Pico	I-5	65.0	57.1	58.9	67	14	29	63	136	292	629
2	Ave Vista Hermosa	I-5	Calle Frontera	70.7	62.8	64.6	72	33	70	151	325	701	1,510
3	Ave Vista Hermosa	Calle Frontera	Camino Vera Cruz	55.6	47.6	49.4	57	3	7	15	32	68	146
4	Ave Vista Hermosa	Camino Vera Cruz	Ave La Pata	71.1	62.5	63.9	72	33	71	153	330	712	1,533
5	Ave Vista Hermosa	Ave La Pata	Ave Talega	68.5	59.9	61.4	70	22	48	103	222	477	1,029
6	Ave Vista Hermosa	Ave Talega	Ave Pico	66.8	58.2	59.6	68	17	37	79	171	368	792
7	Ave Pico	El Camino Real	Ave Vista Hermosa	57.8	50.6	52.8	60	5	10	22	47	101	218
8	Ave Pico	Ave Vista Hermosa	I-5	62.9	55.7	57.9	65	10	22	48	103	222	477
9	Ave Pico	I-5	Calle Frontera	70.6	63.4	65.6	72	34	72	156	335	723	1,557
10	Ave Pico	Calle Frontera	Camino Vera Cruz	73.3	64.7	66.2	75	47	101	218	470	1,013	2,183
11	Ave Pico	Camino Vera Cruz	Ave La Pata	71.9	65.2	67.9	74	43	92	199	429	924	1,991
12	Ave Pico	Ave La Pata	Ave Vista Hermosa	70.9	63.5	66.0	73	35	76	163	351	757	1,630
13	Ave Pico	Ave Vista Hermosa	Camino La Pedriza	71.5	64.2	66.6	73	39	83	179	385	830	1,788
14	Camino Vera Cruz	Ave Vista Hermosa	Ave Pico	68.4	62.3	62.3	70	24	51	109	236	508	1,094
15	Ave La Pata	Camino Del Rio	Ave Vista Hermosa	74.4	64.6	65.5	75	52	113	243	524	1,128	2,430
16	Ave La Pata	Ave Vista Hermosa	Ave Pico	67.4	58.7	60.2	69	19	40	87	187	403	869
17	Ave La Pata	Ave Pico	Calle del Cerro	68.1	59.5	61.0	69	21	46	98	212	456	982
18	El Camino Real	Ave Pico	Calle de los Molinos	64.6	57.4	59.6	66	13	29	62	134	288	620
19	El Camino Real	Calle de los Molinos	Calle Valle	67.0	59.8	62.0	69	19	41	88	190	410	882
20	El Camino Real	Calle Valle	El Portal	67.9	60.8	63.0	70	22	48	103	222	477	1,029

FHWA RD-77-108
Traffic Noise Prediction Model
 Data Input Sheet

Project Name : San Clemente HEU
Project Number : 9588
Modeled Condition : Ambient Noise - 2045 No Project

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

Segment	Roadway	Segment	Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	K-Factor
1	Ave Vista Hermosa	Ave Pico	6,504	40	50	97.00	2.00	1.00	77.40	8.00	14.60	
2	Ave Vista Hermosa	I-5	26,227	40	50	97.00	2.00	1.00	77.40	8.00	14.60	
3	Ave Vista Hermosa	Calle Frontera	855	40	50	97.00	2.00	1.00	77.40	8.00	14.60	
4	Ave Vista Hermosa	Camino Vera Cruz	21,012	45	50	97.00	2.00	1.00	77.40	8.00	14.60	
5	Ave Vista Hermosa	Ave La Pata	10,513	45	50	97.00	2.00	1.00	77.40	8.00	14.60	
6	Ave Vista Hermosa	Ave Talega	7,653	45	50	97.00	2.00	1.00	77.40	8.00	14.60	
7	Ave Pico	El Camino Real	1,959	35	50	97.00	2.00	1.00	77.40	8.00	14.60	
8	Ave Pico	Ave Vista Hermosa	6,032	35	50	97.00	2.00	1.00	77.40	8.00	14.60	
9	Ave Pico	I-5	37,250	35	50	97.00	2.00	1.00	77.40	8.00	14.60	
10	Ave Pico	Calle Frontera	34,214	45	50	97.00	2.00	1.00	77.40	8.00	14.60	
11	Ave Pico	Camino Vera Cruz	22,905	45	50	95.00	3.00	2.00	77.40	8.00	14.60	
12	Ave Pico	Ave La Pata	14,313	50	50	95.00	3.00	2.00	77.40	8.00	14.60	
13	Ave Pico	Ave Vista Hermosa	16,880	50	50	95.00	3.00	2.00	77.40	8.00	14.60	
14	Camino Vera Cruz	Ave Vista Hermosa	16,619	40	50	96.00	3.00	1.00	77.40	8.00	14.60	
15	Ave La Pata	Camino Del Rio	24,871	55	50	97.00	2.00	1.00	77.40	8.00	14.60	
16	Ave La Pata	Ave Vista Hermosa	8,976	45	50	97.00	2.00	1.00	77.40	8.00	14.60	
17	Ave La Pata	Ave Pico	10,767	45	50	97.00	2.00	1.00	77.40	8.00	14.60	
18	El Camino Real	Ave Pico	9,577	35	50	97.00	2.00	1.00	77.40	8.00	14.60	
19	El Camino Real	Calle de los Molinos	16,792	35	50	97.00	2.00	1.00	77.40	8.00	14.60	
20	El Camino Real	Calle Valle	21,309	35	50	97.00	2.00	1.00	77.40	8.00	14.60	

FHWA RD-77-108
Traffic Noise Prediction Model
 Predicted Noise Levels

Project Name : San Clemente HEU
Project Number : 9588
Modeled Condition : Ambient Noise - 2045 No Project
Assessment Metric: Soft

Segment	Roadway	Segment	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
1	Ave Vista Hermosa	Ave Pico	I-5	64.4	56.4	58.2	66	12	26	57	122	262	565
2	Ave Vista Hermosa	I-5	Calle Frontera	70.4	62.5	64.3	72	31	67	144	311	669	1,442
3	Ave Vista Hermosa	Calle Frontera	Camino Vera Cruz	55.6	47.6	49.4	57	3	7	15	32	68	146
4	Ave Vista Hermosa	Camino Vera Cruz	Ave La Pata	70.9	62.3	63.8	72	33	70	151	325	701	1,510
5	Ave Vista Hermosa	Ave La Pata	Ave Talega	67.9	59.3	60.8	69	21	44	95	205	442	953
6	Ave Vista Hermosa	Ave Talega	Ave Pico	66.5	57.9	59.4	68	17	36	77	166	357	768
7	Ave Pico	El Camino Real	Ave Vista Hermosa	57.5	50.3	52.5	59	4	10	21	45	97	208
8	Ave Pico	Ave Vista Hermosa	I-5	62.4	55.2	57.4	64	10	21	44	95	205	442
9	Ave Pico	I-5	Calle Frontera	70.3	63.1	65.3	72	32	69	149	320	690	1,487
10	Ave Pico	Calle Frontera	Camino Vera Cruz	73.0	64.4	65.9	74	45	97	208	449	967	2,084
11	Ave Pico	Camino Vera Cruz	Ave La Pata	71.2	64.5	67.2	73	39	83	179	385	830	1,788
12	Ave Pico	Ave La Pata	Ave Vista Hermosa	70.5	63.1	65.6	72	33	71	153	330	712	1,533
13	Ave Pico	Ave Vista Hermosa	Camino La Pedriza	71.2	63.8	66.3	73	37	79	171	368	792	1,707
14	Camino Vera Cruz	Ave Vista Hermosa	Ave Pico	68.4	62.3	62.3	70	24	51	109	236	508	1,094
15	Ave La Pata	Camino Del Rio	Ave Vista Hermosa	74.2	64.4	65.3	75	51	109	236	508	1,094	2,357
16	Ave La Pata	Ave Vista Hermosa	Ave Pico	67.2	58.6	60.1	69	18	40	86	184	397	856
17	Ave La Pata	Ave Pico	Calle del Cerro	68.0	59.4	60.9	69	21	45	97	208	449	967
18	El Camino Real	Ave Pico	Calle de los Molinos	64.4	57.2	59.4	66	13	28	60	130	279	601
19	El Camino Real	Calle de los Molinos	Calle Valle	66.8	59.6	61.8	69	19	40	87	187	403	869
20	El Camino Real	Calle Valle	El Portal	67.8	60.7	62.9	70	22	47	101	218	470	1,013

FHWA RD-77-108
Traffic Noise Prediction Model
 Data Input Sheet

Project Name : San Clemente HEU
 Project Number : 9588
 Modeled Condition : Max LOS C Roadway Design Capacity

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

Segment	Roadway	Segment		Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	K-Factor
1	I-5	Southern City Limits	El Camino Real	250,000	65	100	93.00	3.60	3.40	77.40	8.00	14.60	
2	I-5	El Camino Real	Ave Presidio	257,000	65	100	93.00	3.60	3.40	77.40	8.00	14.60	
3	I-5	Ave Presidio	Ave Pico	283,000	65	100	93.00	3.60	3.40	77.40	8.00	14.60	
4	I-5	Ave Pico	Northern City Limits	294,000	65	100	93.00	3.60	3.40	77.40	8.00	14.60	

FHWA RD-77-108
Traffic Noise Prediction Model
 Predicted Noise Levels

Project Name : San Clemente HEU
 Project Number : 9588
 Modeled Condition : Max LOS C Roadway Design Capacity
 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
1	I-5	Southern City Limits	El Camino Real	83.1	75.1	78.3	85	450	970	2,089	4,501	9,698	20,893
2	I-5	El Camino Real	Ave Presidio	83.2	75.2	78.5	85	464	1,000	2,154	4,642	10,000	21,544
3	I-5	Ave Presidio	Ave Pico	83.6	75.6	78.9	85	494	1,063	2,291	4,936	10,633	22,909
4	I-5	Ave Pico	Northern City Limits	83.8	75.8	79.0	86	501	1,080	2,326	5,012	10,798	23,263

FHWA RD-77-108
Traffic Noise Prediction Model
 Data Input Sheet

Project Name : San Clemente HEU
Project Number : 9588
Modeled Condition : Max LOS C Roadway Design Capacity

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

Segment	Roadway	Segment	Segment	Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	K-Factor
1	Ave Acapulco	0	0	11,300	35	50	97.00	2.00	1.00	77.40	8.00	14.60	
2	Ave Anvarro	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60	
3	Ave Buena Suerte	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60	
4	Ave Cabrillo	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60	
5	Ave Cabrillo	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60	
6	Ave Califia	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60	
7	Ave Cordoba	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60	
8	Ave de la Estrella	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60	
9	Ave de la Paz	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60	
10	Ave de la Riviera	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60	
11	Ave del Mar	El Camino Real	Ola Vista	22,500	25	50	95.00	3.00	2.00	77.40	8.00	14.60	
12	Ave del Mar	Ola Vista	Calle Seville	22,500	25	50	95.00	3.00	2.00	77.40	8.00	14.60	
13	Ave del Mar	Calle Seville	Ave Granada	22,500	25	50	95.00	3.00	2.00	77.40	8.00	14.60	
14	Ave del Mar	Ave Granada	Coronado Ln	22,500	25	50	96.00	3.00	1.00	77.40	8.00	14.60	
15	Ave del Poniente	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60	
16	Ave del Poniente	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60	
17	Ave del Presidente	0	0	11,300	30	50	97.00	2.00	1.00	77.40	8.00	14.60	
18	Ave Esperanza	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60	
19	Ave Estacion	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60	
20	Ave Granada	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60	
21	Ave la Pata	City Boundary	Camino del Rio	33,800	55	50	95.00	3.00	2.00	77.40	8.00	14.60	
22	Ave la Pata	Camino del Rio	Calle Saluda	33,800	55	50	95.00	3.00	2.00	77.40	8.00	14.60	
23	Ave la Pata	Calle Saluda	Ave Vista Hermosa	33,800	45	50	95.00	3.00	2.00	77.40	8.00	14.60	
24	Ave la Pata	Ave Pico	Calle Amanecer	33,800	45	50	95.00	3.00	2.00	77.40	8.00	14.60	
25	Ave la Pata	Calle Amanecer	Calle del Cerro	33,800	45	50	95.00	3.00	2.00	77.40	8.00	14.60	
26	Ave la Pata	Calle del Cerro	Calle Extremo	33,800	45	50	95.00	3.00	2.00	77.40	8.00	14.60	
27	Ave la Pata	Ave Vista Hermosa	Ave Pico	50,600	45	50	95.00	3.00	2.00	77.40	8.00	14.60	
28	Ave Pico	City Boundary	Camino la Pedriza	50,600	50	50	95.00	3.00	2.00	77.40	8.00	14.60	

29	Ave Pico	Camino la Pedriza	Ave Vista Hermosa	50,600	50	50	95.00	3.00	2.00	77.40	8.00	14.60
30	Ave Pico	Ave Vista Hermosa	Ave la Pata	50,600	50	50	95.00	3.00	2.00	77.40	8.00	14.60
31	Ave Pico	Ave la Pata	Camino Vera Cruz	50,600	45	50	95.00	3.00	2.00	77.40	8.00	14.60
32	Ave Pico	Camino Vera Cruz	Calle Amanecer	50,600	45	50	95.00	3.00	2.00	77.40	8.00	14.60
33	Ave Pico	Calle Amanecer	Calle del Cerro	50,600	45	50	95.00	3.00	2.00	77.40	8.00	14.60
34	Ave Pico	Calle del Cerro	Ave Presidio	50,600	45	50	95.00	3.00	2.00	77.40	8.00	14.60
35	Ave Pico	Ave Presidio	I-5 Northbound Ramps	50,600	35	50	95.00	3.00	2.00	77.40	8.00	14.60
36	Ave Pico	I-5 Northbound Ramps	I-5 Southbound Ramps	50,600	35	50	95.00	3.00	2.00	77.40	8.00	14.60
37	Ave Pico	I-5 Southbound Ramps	Calle de Industrias	33,800	35	50	95.00	3.00	2.00	77.40	8.00	14.60
38	Ave Pico	Calle de Industrias	Calle de Los Molinos	33,800	35	50	95.00	3.00	2.00	77.40	8.00	14.60
39	Ave Pico	Calle de Los Molinos	Ave Vista Hermosa	33,800	35	50	95.00	3.00	2.00	77.40	8.00	14.60
40	Ave Pico	Ave Vista Hermosa	El Camino Real	33,800	35	50	95.00	3.00	2.00	77.40	8.00	14.60
41	Ave Presidio	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
42	Ave Salvador	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
43	Ave San Juan	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
44	Ave San Pablo	0	0	11,300	35	50	97.00	2.00	1.00	77.40	8.00	14.60
45	Ave Santa Margarita	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
46	Ave Talega	Camino Tierra Grande	Calle Saluda	33,800	40	50	95.00	3.00	2.00	77.40	8.00	14.60
47	Ave Talega	Calle Saluda	Ave Vista Hermosa	33,800	35	50	95.00	3.00	2.00	77.40	8.00	14.60
48	Ave Talega	Ave Vista Hermosa	Calle Campanero	33,800	35	50	95.00	3.00	2.00	77.40	8.00	14.60
49	Ave Valencia	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
50	Ave Vaquero	Camino do Los Mares	Calle Vallarta	22,500	30	50	95.00	3.00	2.00	77.40	8.00	14.60
51	Ave Vaquero	Calle Vallarta	Calle Guadalajara	22,500	30	50	95.00	3.00	2.00	77.40	8.00	14.60
52	Ave Vaquero	Calle Guadalajara	Via Cascadita	22,500	30	50	95.00	3.00	2.00	77.40	8.00	14.60
53	Ave Vaquero	Via Cascadita	Camino Capistrano	22,500	30	50	95.00	3.00	2.00	77.40	8.00	14.60
54	Ave Victoria	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
55	Ave Vista Hermosa	Puerto del Sol	Ave Pico	33,800	35	50	95.00	3.00	2.00	77.40	8.00	14.60
56	Ave Vista Hermosa	Ave Pico	Camino le Pedriza	33,800	45	50	95.00	3.00	2.00	77.40	8.00	14.60
57	Ave Vista Hermosa	Camino le Pedriza	Ave Talega	33,800	45	50	95.00	3.00	2.00	77.40	8.00	14.60
58	Ave Vista Hermosa	Ave Talega	Ave la Pata	33,800	45	50	95.00	3.00	2.00	77.40	8.00	14.60
59	Ave Vista Hermosa	Ave la Pata	Camino Vera Cruz	33,800	45	50	95.00	3.00	2.00	77.40	8.00	14.60
60	Ave Vista Hermosa	Camino Vera Cruz	Calle Frontera	33,800	40	50	95.00	3.00	2.00	77.40	8.00	14.60
61	Ave Vista Hermosa	Calle Frontera	I-5 Northbound Ramps	33,800	40	50	95.00	3.00	2.00	77.40	8.00	14.60
62	Ave Vista Hermosa	I-5 Northbound Ramps	I-5 Southbound Ramps	33,800	40	50	95.00	3.00	2.00	77.40	8.00	14.60
63	Ave Vista Hermosa	I-5 Southbound Ramps	Ave Pico	33,800	40	50	95.00	3.00	2.00	77.40	8.00	14.60
64	Ave Vista Montana	0	0	11,300	35	50	97.00	2.00	1.00	77.40	8.00	14.60
65	Calle Agua	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
66	Calle Alcazar	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
67	Calle Amanecer	0	0	11,300	35	50	97.00	2.00	1.00	77.40	8.00	14.60
68	Calle Bienvenido	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
69	Calle Bonito	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
70	Calle Corillera	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
71	Calle de Industrias	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
72	Calle de Los Molinos	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
73	Calle del Cerro	0	0	11,300	35	50	97.00	2.00	1.00	77.40	8.00	14.60
74	Calle del Comercio	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
75	Calle Deshecha	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60

76	Calle Frontera	0	0	11,300	30	50	97.00	2.00	1.00	77.40	8.00	14.60
77	Calle Guadalajara	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
78	Calle Lago	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
79	Calle Negocio	0	0	11,300	35	50	97.00	2.00	1.00	77.40	8.00	14.60
80	Calle Nuevo	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
81	Calle Pastadero	0	0	11,300	35	50	97.00	2.00	1.00	77.40	8.00	14.60
82	Calle Puente	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
83	Calle Real	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
84	Calle Recodo	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
85	Calle Saluda	0	0	11,300	35	50	97.00	2.00	1.00	77.40	8.00	14.60
86	Calle Sarmentoso	0	0	11,300	30	50	97.00	2.00	1.00	77.40	8.00	14.60
87	Calle Seville	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
88	Calle Sombra	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
89	Calle Trepadora	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
90	Calle Vallarta	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
91	Calle Valle	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
92	Calle Vista Torito	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
93	Camino Capistrano	Del Gado Road	Ave Vaquero	11,300	35	50	95.00	3.00	2.00	77.40	8.00	14.60
94	Camino Capistrano	Ave Vaquero	El Camino Real	11,300	35	50	95.00	3.00	2.00	77.40	8.00	14.60
95	Camino de Estrella	I-5 Southbound Ramps	Camino Mira Costa	33,800	35	50	95.00	3.00	2.00	77.40	8.00	14.60
96	Camino de Estrella	Camino Mira Costa	City Boundary	33,800	35	50	95.00	3.00	2.00	77.40	8.00	14.60
97	Camino de Estrella	Camino de Los Mares	I-5 Southbound Ramps	33,800	35	50	95.00	3.00	2.00	77.40	8.00	14.60
98	Camino de Los Mares	City Boundary	Camino del Rio	22,500	45	50	95.00	3.00	2.00	77.40	8.00	14.60
99	Camino de Los Mares	Camino del Rio	Camino Vera Cruz	11,300	45	50	95.00	3.00	2.00	77.40	8.00	14.60
100	Camino de Los Mares	Camino Vera Cruz	Portico del Norte	33,800	45	50	95.00	3.00	2.00	77.40	8.00	14.60
101	Camino de Los Mares	Portico del Norte	Calle Nuevo	33,800	45	50	95.00	3.00	2.00	77.40	8.00	14.60
102	Camino de Los Mares	Calle Nuevo	Ave Vaquero	22,500	45	50	95.00	3.00	2.00	77.40	8.00	14.60
103	Camino de Los Mares	Ave Vaquero	Calle Aqua	50,600	35	50	95.00	3.00	2.00	77.40	8.00	14.60
104	Camino de Los Mares	Calle Aqua	I-5 Northbound Ramps	50,600	35	50	95.00	3.00	2.00	77.40	8.00	14.60
105	Camino de Los Mares	I-5 Northbound Ramps	Camino de Estrella	50,600	35	50	95.00	3.00	2.00	77.40	8.00	14.60
106	Camino del Rio	Ave la Pata	Calle Sarmentoso	11,300	40	50	95.00	3.00	2.00	77.40	8.00	14.60
107	Camino del Rio	Calle Sarmentoso	Camino de Los Mares	11,300	40	50	95.00	3.00	2.00	77.40	8.00	14.60
108	Camino la Pedriza	0	0	11,300	40	50	97.00	2.00	1.00	77.40	8.00	14.60
109	Camino Mira Costa	Camino de Estrella	Camino Capistrano	11,300	35	50	95.00	3.00	2.00	77.40	8.00	14.60
110	Camino San Clemente	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
111	Camino Vera Cruz	Ave Pico	Ave Vista Hermosa	33,800	40	50	95.00	3.00	2.00	77.40	8.00	14.60
112	Camino Vera Cruz	Costero Risco	Camino de Los Mares	22,500	35	50	95.00	3.00	2.00	77.40	8.00	14.60
113	Camino Vera Cruz	Ave Vista Hermosa	Costero Risco	33,800	40	50	95.00	3.00	2.00	77.40	8.00	14.60
114	E Ave Palizada	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
115	El Camino Real	Camino Capistrano	Camino San Clemente	11,300	45	50	95.00	3.00	2.00	77.40	8.00	14.60
116	El Camino Real	Camino San Clemente	Ave Estacion	11,300	45	50	95.00	3.00	2.00	77.40	8.00	14.60
117	El Camino Real	Ave Estacion	Ave Pico	22,500	35	50	95.00	3.00	2.00	77.40	8.00	14.60
118	El Camino Real	Ave Pico	Calle Lago	22,500	35	50	95.00	3.00	2.00	77.40	8.00	14.60
119	El Camino Real	Calle Lago	Calle de Los Molinos	22,500	35	50	95.00	3.00	2.00	77.40	8.00	14.60
120	El Camino Real	Calle de Los Molinos	El Portal	22,500	35	50	95.00	3.00	2.00	77.40	8.00	14.60
121	El Camino Real	El Portal	Ave Palizada	22,500	30	50	95.00	3.00	2.00	77.40	8.00	14.60
122	El Camino Real	Ave Palizada	Ave Cabrillo	22,500	30	50	95.00	3.00	2.00	77.40	8.00	14.60

123	El Camino Real	Ave Cabrillo	Ave Granada	22,500	30	50	95.00	3.00	2.00	77.40	8.00	14.60
124	El Camino Real	Ave Granada	Ave Victoria	22,500	30	50	95.00	3.00	2.00	77.40	8.00	14.60
125	El Camino Real	Ave Victoria	Esplanade	22,500	30	50	95.00	3.00	2.00	77.40	8.00	14.60
126	El Camino Real	Esplanade	Ave Valencia	22,500	30	50	95.00	3.00	2.00	77.40	8.00	14.60
127	El Camino Real	Ave Valencia	I-5 Southbound Ramps	22,500	35	50	95.00	3.00	2.00	77.40	8.00	14.60
128	El Camino Real	I-5 Southbound Ramps	I-5 Northbound Ramps	22,500	35	50	95.00	3.00	2.00	77.40	8.00	14.60
129	El Camino Real	I-5 Northbound Ramps	Ave San Pablo	22,500	35	50	95.00	3.00	2.00	77.40	8.00	14.60
130	El Camino Real	Ave San Pablo	Ave San Gabriel	22,500	35	50	95.00	3.00	2.00	77.40	8.00	14.60
131	El Camino Real	Ave San Gabriel	I-5 Northbound Ramps	22,500	35	50	95.00	3.00	2.00	77.40	8.00	14.60
132	El Camino Real	I-5 Northbound Ramps	Freeway Crossing	22,500	35	50	95.00	3.00	2.00	77.40	8.00	14.60
133	El Camino Real	Freeway Crossing	Calle del Comercio	22,500	35	50	95.00	3.00	2.00	77.40	8.00	14.60
134	El Camino Real	Calle del Comercio	Ave San Luis Rey	22,500	35	50	95.00	3.00	2.00	77.40	8.00	14.60
135	El Camino Real	Ave San Luis Rey	Ave Santa Margarita	22,500	35	50	95.00	3.00	2.00	77.40	8.00	14.60
136	El Camino Real	Ave Santa Margarita	City Boundary	22,500	35	50	95.00	3.00	2.00	77.40	8.00	14.60
137	El Portal	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
138	Esplanade	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
139	Loma Ln	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
140	Los Obreros Ln	0	0	11,300	15	50	97.00	2.00	1.00	77.40	8.00	14.60
141	N Ola Vista	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
142	Portico del Norte	0	0	11,300	35	50	97.00	2.00	1.00	77.40	8.00	14.60
143	Riachuelo	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
144	Rincon Ct	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
145	S Ola Vista	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
146	Via Alegre	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
147	Via Cascadita	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
148	Via Montego	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
149	W Ave Palizada	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60
150	W Canada	0	0	11,300	25	50	97.00	2.00	1.00	77.40	8.00	14.60

FHWA RD-77-108
Traffic Noise Prediction Model
 Predicted Noise Levels

Project Name : San Clemente HEU
Project Number : 9588
Modeled Condition : Max LOS C Roadway Design Capacity
Assessment Metric: Soft

Segment	Roadway	Segment	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
1	Ave Acapulco	0	0	65.1	57.9	60.1	67	14	31	67	144	311	669
2	Ave Anvarro	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
3	Ave Buena Suerte	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
4	Ave Cabrillo	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
5	Ave Cabrillo	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
6	Ave Califia	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
7	Ave Cordoba	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
8	Ave de la Estrella	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
9	Ave de la Paz	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
10	Ave de la Riviera	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
11	Ave del Mar	El Camino Real	Ola Vista	63.8	60.4	66.3	69	20	42	91	196	422	910
12	Ave del Mar	Ola Vista	Calle Seville	63.8	60.4	66.3	69	20	42	91	196	422	910
13	Ave del Mar	Calle Seville	Ave Granada	63.8	60.4	66.3	69	20	42	91	196	422	910
14	Ave del Mar	Ave Granada	Coronado Ln	63.8	60.4	63.3	68	16	34	73	158	341	734
15	Ave del Poniente	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
16	Ave del Poniente	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
17	Ave del Presidente	0	0	63.2	56.9	61.0	66	12	26	57	122	262	565
18	Ave Esperanza	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
19	Ave Estacion	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
20	Ave Granada	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
21	Ave la Pata	City Boundary	Camino del Rio	75.4	67.5	69.7	77	68	146	315	680	1,464	3,155
22	Ave la Pata	Camino del Rio	Calle Saluda	75.4	67.5	69.7	77	68	146	315	680	1,464	3,155
23	Ave la Pata	Calle Saluda	Ave Vista Hermosa	72.9	66.1	68.9	75	50	108	232	500	1,077	2,321
24	Ave la Pata	Ave Pico	Calle Amanecer	72.9	66.1	68.9	75	50	108	232	500	1,077	2,321
25	Ave la Pata	Calle Amanecer	Calle del Cerro	72.9	66.1	68.9	75	50	108	232	500	1,077	2,321
26	Ave la Pata	Calle del Cerro	Calle Extremo	72.9	66.1	68.9	75	50	108	232	500	1,077	2,321
27	Ave la Pata	Ave Vista Hermosa	Ave Pico	74.7	67.9	70.6	77	65	140	301	649	1,398	3,013
28	Ave Pico	City Boundary	Camino la Pedriza	76.0	68.6	71.1	78	77	166	357	768	1,656	3,567
29	Ave Pico	Camino la Pedriza	Ave Vista Hermosa	76.0	68.6	71.1	78	77	166	357	768	1,656	3,567
30	Ave Pico	Ave Vista Hermosa	Ave la Pata	76.0	68.6	71.1	78	77	166	357	768	1,656	3,567
31	Ave Pico	Ave la Pata	Camino Vera Cruz	74.7	67.9	70.6	77	65	140	301	649	1,398	3,013
32	Ave Pico	Camino Vera Cruz	Calle Amanecer	74.7	67.9	70.6	77	65	140	301	649	1,398	3,013
33	Ave Pico	Calle Amanecer	Calle del Cerro	74.7	67.9	70.6	77	65	140	301	649	1,398	3,013
34	Ave Pico	Calle del Cerro	Ave Presidio	74.7	67.9	70.6	77	65	140	301	649	1,398	3,013
35	Ave Pico	Ave Presidio	I-5 Northbound Ramps	71.5	66.2	69.6	74	46	98	212	456	982	2,117

36	Ave Pico	I-5 Northbound Ramps	I-5 Southbound Ramps	71.5	66.2	69.6	74	46	98	212	456	982	2,117
37	Ave Pico	I-5 Southbound Ramps	Calle de Industrias	69.8	64.4	67.9	73	35	75	161	346	745	1,606
38	Ave Pico	Calle de Industrias	Calle de Los Molinos	69.8	64.4	67.9	73	35	75	161	346	745	1,606
39	Ave Pico	Calle de Los Molinos	Ave Vista Hermosa	69.8	64.4	67.9	73	35	75	161	346	745	1,606
40	Ave Pico	Ave Vista Hermosa	El Camino Real	69.8	64.4	67.9	73	35	75	161	346	745	1,606
41	Ave Presidio	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
42	Ave Salvador	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
43	Ave San Juan	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
44	Ave San Pablo	0	0	65.1	57.9	60.1	67	14	31	67	144	311	669
45	Ave Santa Margarita	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
46	Ave Talega	Camino Tierra Grande	Calle Saluda	71.4	65.4	68.4	74	42	91	196	422	910	1,960
47	Ave Talega	Calle Saluda	Ave Vista Hermosa	69.8	64.4	67.9	73	35	75	161	346	745	1,606
48	Ave Talega	Ave Vista Hermosa	Calle Campanero	69.8	64.4	67.9	73	35	75	161	346	745	1,606
49	Ave Valencia	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
50	Ave Vaquero	Camino do Los Mares	Calle Vallarta	66.1	61.6	67.0	70	24	52	111	239	516	1,111
51	Ave Vaquero	Calle Vallarta	Calle Guadalajara	66.1	61.6	67.0	70	24	52	111	239	516	1,111
52	Ave Vaquero	Calle Guadalajara	Via Cascadita	66.1	61.6	67.0	70	24	52	111	239	516	1,111
53	Ave Vaquero	Via Cascadita	Camino Capistrano	66.1	61.6	67.0	70	24	52	111	239	516	1,111
54	Ave Victoria	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
55	Ave Vista Hermosa	Puerto del Sol	Ave Pico	69.8	64.4	67.9	73	35	75	161	346	745	1,606
56	Ave Vista Hermosa	Ave Pico	Camino le Pedriza	72.9	66.1	68.9	75	50	108	232	500	1,077	2,321
57	Ave Vista Hermosa	Camino le Pedriza	Ave Talega	72.9	66.1	68.9	75	50	108	232	500	1,077	2,321
58	Ave Vista Hermosa	Ave Talega	Ave la Pata	72.9	66.1	68.9	75	50	108	232	500	1,077	2,321
59	Ave Vista Hermosa	Ave la Pata	Camino Vera Cruz	72.9	66.1	68.9	75	50	108	232	500	1,077	2,321
60	Ave Vista Hermosa	Camino Vera Cruz	Calle Frontera	71.4	65.4	68.4	74	42	91	196	422	910	1,960
61	Ave Vista Hermosa	Calle Frontera	I-5 Northbound Ramps	71.4	65.4	68.4	74	42	91	196	422	910	1,960
62	Ave Vista Hermosa	I-5 Northbound Ramps	I-5 Southbound Ramps	71.4	65.4	68.4	74	42	91	196	422	910	1,960
63	Ave Vista Hermosa	I-5 Southbound Ramps	Ave Pico	71.4	65.4	68.4	74	42	91	196	422	910	1,960
64	Ave Vista Montana	0	0	65.1	57.9	60.1	67	14	31	67	144	311	669
65	Calle Agua	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
66	Calle Alcazar	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
67	Calle Amanecer	0	0	65.1	57.9	60.1	67	14	31	67	144	311	669
68	Calle Bienvenido	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
69	Calle Bonito	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
70	Calle Corillera	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
71	Calle de Industrias	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
72	Calle de Los Molinos	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
73	Calle del Cerro	0	0	65.1	57.9	60.1	67	14	31	67	144	311	669
74	Calle del Comercio	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
75	Calle Deshecha	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
76	Calle Frontera	0	0	63.2	56.9	61.0	66	12	26	57	122	262	565
77	Calle Guadalajara	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
78	Calle Lago	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
79	Calle Negocio	0	0	65.1	57.9	60.1	67	14	31	67	144	311	669
80	Calle Nuevo	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
81	Calle Pastadero	0	0	65.1	57.9	60.1	67	14	31	67	144	311	669
82	Calle Puente	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442

83	Calle Real	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
84	Calle Recodo	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
85	Calle Saluda	0	0	65.1	57.9	60.1	67	14	31	67	144	311	669
86	Calle Sarmentoso	0	0	63.2	56.9	61.0	66	12	26	57	122	262	565
87	Calle Seville	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
88	Calle Sombra	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
89	Calle Trepadora	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
90	Calle Vallarta	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
91	Calle Valle	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
92	Calle Vista Torito	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
93	Camino Capistrano	Del Gado Road	Ave Vaquero	65.0	59.7	63.1	68	17	36	78	168	362	780
94	Camino Capistrano	Ave Vaquero	El Camino Real	65.0	59.7	63.1	68	17	36	78	168	362	780
95	Camino de Estrella	I-5 Southbound Ramps	Camino Mira Costa	69.8	64.4	67.9	73	35	75	161	346	745	1,606
96	Camino de Estrella	Camino Mira Costa	City Boundary	69.8	64.4	67.9	73	35	75	161	346	745	1,606
97	Camino de Estrella	Camino de Los Mares	I-5 Southbound Ramps	69.8	64.4	67.9	73	35	75	161	346	745	1,606
98	Camino de Los Mares	City Boundary	Camino del Rio	71.1	64.4	67.1	73	38	82	176	379	817	1,761
99	Camino de Los Mares	Camino del Rio	Camino Vera Cruz	68.1	61.4	64.1	70	24	52	111	239	516	1,111
100	Camino de Los Mares	Camino Vera Cruz	Portico del Norte	72.9	66.1	68.9	75	50	108	232	500	1,077	2,321
101	Camino de Los Mares	Portico del Norte	Calle Nuevo	72.9	66.1	68.9	75	50	108	232	500	1,077	2,321
102	Camino de Los Mares	Calle Nuevo	Ave Vaquero	71.1	64.4	67.1	73	38	82	176	379	817	1,761
103	Camino de Los Mares	Ave Vaquero	Calle Aqua	71.5	66.2	69.6	74	46	98	212	456	982	2,117
104	Camino de Los Mares	Calle Aqua	I-5 Northbound Ramps	71.5	66.2	69.6	74	46	98	212	456	982	2,117
105	Camino de Los Mares	I-5 Northbound Ramps	Camino de Estrella	71.5	66.2	69.6	74	46	98	212	456	982	2,117
106	Camino del Rio	Ave la Pata	Calle Sarmentoso	66.7	60.6	63.7	69	20	44	94	202	435	938
107	Camino del Rio	Calle Sarmentoso	Camino de Los Mares	66.7	60.6	63.7	69	20	44	94	202	435	938
108	Camino la Pedriza	0	0	66.8	58.8	60.6	68	18	38	82	176	379	817
109	Camino Mira Costa	Camino de Estrella	Camino Capistrano	65.0	59.7	63.1	68	17	36	78	168	362	780
110	Camino San Clemente	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
111	Camino Vera Cruz	Ave Pico	Ave Vista Hermosa	71.4	65.4	68.4	74	42	91	196	422	910	1,960
112	Camino Vera Cruz	Costero Risco	Camino de Los Mares	68.0	62.7	66.1	71	27	57	124	266	574	1,237
113	Camino Vera Cruz	Ave Vista Hermosa	Costero Risco	71.4	65.4	68.4	74	42	91	196	422	910	1,960
114	E Ave Palizada	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
115	El Camino Real	Camino Capistrano	Camino San Clemente	68.1	61.4	64.1	70	24	52	111	239	516	1,111
116	El Camino Real	Camino San Clemente	Ave Estacion	68.1	61.4	64.1	70	24	52	111	239	516	1,111
117	El Camino Real	Ave Estacion	Ave Pico	68.0	62.7	66.1	71	27	57	124	266	574	1,237
118	El Camino Real	Ave Pico	Calle Lago	68.0	62.7	66.1	71	27	57	124	266	574	1,237
119	El Camino Real	Calle Lago	Calle de Los Molinos	68.0	62.7	66.1	71	27	57	124	266	574	1,237
120	El Camino Real	Calle de Los Molinos	El Portal	68.0	62.7	66.1	71	27	57	124	266	574	1,237
121	El Camino Real	El Portal	Ave Palizada	66.1	61.6	67.0	70	24	52	111	239	516	1,111
122	El Camino Real	Ave Palizada	Ave Cabrillo	66.1	61.6	67.0	70	24	52	111	239	516	1,111
123	El Camino Real	Ave Cabrillo	Ave Granada	66.1	61.6	67.0	70	24	52	111	239	516	1,111
124	El Camino Real	Ave Granada	Ave Victoria	66.1	61.6	67.0	70	24	52	111	239	516	1,111
125	El Camino Real	Ave Victoria	Esplanade	66.1	61.6	67.0	70	24	52	111	239	516	1,111
126	El Camino Real	Esplanade	Ave Valencia	66.1	61.6	67.0	70	24	52	111	239	516	1,111
127	El Camino Real	Ave Valencia	I-5 Southbound Ramps	68.0	62.7	66.1	71	27	57	124	266	574	1,237
128	El Camino Real	I-5 Southbound Ramps	I-5 Northbound Ramps	68.0	62.7	66.1	71	27	57	124	266	574	1,237
129	El Camino Real	I-5 Northbound Ramps	Ave San Pablo	68.0	62.7	66.1	71	27	57	124	266	574	1,237

130	El Camino Real	Ave San Pablo	Ave San Gabriel	68.0	62.7	66.1	71	27	57	124	266	574	1,237
131	El Camino Real	Ave San Gabriel	I-5 Northbound Ramps	68.0	62.7	66.1	71	27	57	124	266	574	1,237
132	El Camino Real	I-5 Northbound Ramps	Freeway Crossing	68.0	62.7	66.1	71	27	57	124	266	574	1,237
133	El Camino Real	Freeway Crossing	Calle del Comercio	68.0	62.7	66.1	71	27	57	124	266	574	1,237
134	El Camino Real	Calle del Comercio	Ave San Luis Rey	68.0	62.7	66.1	71	27	57	124	266	574	1,237
135	El Camino Real	Ave San Luis Rey	Ave Santa Margarita	68.0	62.7	66.1	71	27	57	124	266	574	1,237
136	El Camino Real	Ave Santa Margarita	City Boundary	68.0	62.7	66.1	71	27	57	124	266	574	1,237
137	El Portal	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
138	Esplanade	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
139	Loma Ln	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
140	Los Obreros Ln	0	0	54.5	52.2	58.2	61	5	12	25	54	116	251
141	N Ola Vista	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
142	Portico del Norte	0	0	65.1	57.9	60.1	67	14	31	67	144	311	669
143	Riachuelo	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
144	Rincon Ct	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
145	S Ola Vista	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
146	Via Alegre	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
147	Via Cascadita	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
148	Via Montego	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
149	W Ave Palizada	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442
150	W Canada	0	0	60.9	55.6	60.3	64	10	21	44	95	205	442