

# **APPENDIX G**

## **Noise Assessment Data**



# Environmental Noise Assessment

## UC Villages Annexation EIR

Merced County, California

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Project #231106

Prepared for:

DE NOVO PLANNING GROUP 

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## Appendix A: Acoustical Terminology

<b>Acoustics</b>	The science of sound.
<b>Ambient Noise</b>	The distinctive acoustical characteristics of a given space consisting of all noise sources audible at that location. In many cases, the term ambient is used to describe an existing or pre-project condition such as the setting in an environmental noise study.
<b>ASTC</b>	Apparent Sound Transmission Class. Similar to STC but includes sound from flanking paths and correct for room reverberation. A larger number means more attenuation. The scale, like the decibel scale for sound, is logarithmic.
<b>Attenuation</b>	The reduction of an acoustic signal.
<b>A-Weighting</b>	A frequency-response adjustment of a sound level meter that conditions the output signal to approximate human response.
<b>Decibel or dB</b>	Fundamental unit of sound, A Bell is defined as the logarithm of the ratio of the sound pressure squared over the reference pressure squared. A Decibel is one-tenth of a Bell.
<b>CNEL</b>	Community Noise Equivalent Level. Defined as the 24-hour average noise level with noise occurring during evening hours (7 - 10 p.m.) weighted by +5 dBA and nighttime hours weighted by +10 dBA.
<b>DNL</b>	See definition of Ldn.
<b>IIC</b>	Impact Insulation Class. An integer-number rating of how well a building floor attenuates impact sounds, such as footsteps. A larger number means more attenuation. The scale, like the decibel scale for sound, is logarithmic.
<b>Frequency</b>	The measure of the rapidity of alterations of a periodic signal, expressed in cycles per second or hertz (Hz).
<b>Ldn</b>	Day/Night Average Sound Level. Similar to CNEL but with no evening weighting.
<b>Leq</b>	Equivalent or energy-averaged sound level.
<b>Lmax</b>	The highest root-mean-square (RMS) sound level measured over a given period of time.
<b>L(n)</b>	The sound level exceeded a described percentile over a measurement period. For instance, an hourly L50 is the sound level exceeded 50% of the time during the one-hour period.
<b>Loudness</b>	A subjective term for the sensation of the magnitude of sound.
<b>NIC</b>	Noise Isolation Class. A rating of the noise reduction between two spaces. Similar to STC but includes sound from flanking paths and no correction for room reverberation.
<b>NNIC</b>	Normalized Noise Isolation Class. Similar to NIC but includes a correction for room reverberation.
<b>Noise</b>	Unwanted sound.
<b>NRC</b>	Noise Reduction Coefficient. NRC is a single-number rating of the sound-absorption of a material equal to the arithmetic mean of the sound-absorption coefficients in the 250, 500, 1000, and 2,000 Hz octave frequency bands rounded to the nearest multiple of 0.05. It is a representation of the amount of sound energy absorbed upon striking a particular surface. An NRC of 0 indicates perfect reflection; an NRC of 1 indicates perfect absorption.
<b>RT60</b>	The time it takes reverberant sound to decay by 60 dB once the source has been removed.
<b>Sabin</b>	The unit of sound absorption. One square foot of material absorbing 100% of incident sound has an absorption of 1 Sabin.
<b>SEL</b>	Sound Exposure Level. SEL is a rating, in decibels, of a discrete event, such as an aircraft flyover or train pass by, that compresses the total sound energy into a one-second event.
<b>SPC</b>	Speech Privacy Class. SPC is a method of rating speech privacy in buildings. It is designed to measure the degree of speech privacy provided by a closed room, indicating the degree to which conversations occurring within are kept private from listeners outside the room.
<b>STC</b>	Sound Transmission Class. STC is an integer rating of how well a building partition attenuates airborne sound. It is widely used to rate interior partitions, ceilings/floors, doors, windows and exterior wall configurations. The STC rating is typically used to rate the sound transmission of a specific building element when tested in laboratory conditions where flanking paths around the assembly don't exist. A larger number means more attenuation. The scale, like the decibel scale for sound, is logarithmic.
<b>Threshold of Hearing</b>	The lowest sound that can be perceived by the human auditory system, generally considered to be 0 dB for persons with perfect hearing.
<b>Threshold of Pain</b>	Approximately 120 dB above the threshold of hearing.
<b>Impulsive</b>	Sound of short duration, usually less than one second, with an abrupt onset and rapid decay.
<b>Simple Tone</b>	Any sound which can be judged as audible as a single pitch or set of single pitches.

## **Appendix B: Continuous Long-Term and Short-Term Ambient Noise Measurement Results**



**Appendix B1: Continuous Noise Monitoring Results**

Site: LT-1

Project: UC Villages Merced Annexation EIR

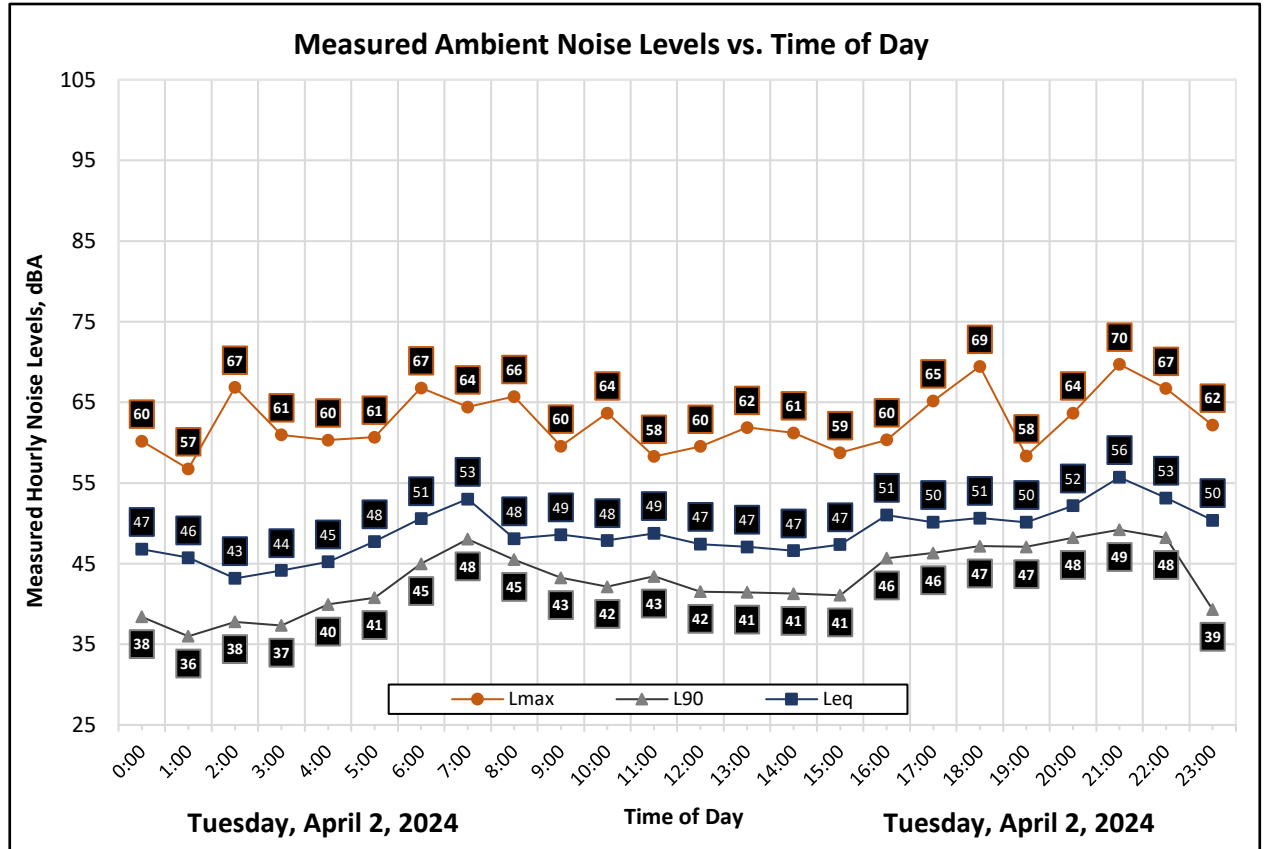
Meter: LDL 820-3

Location: East of Project Site

Calibrator: CAL200

Coordinates: (37.3591885, -120.4314425)

Date	Time	Measured Level, dBA			
		L <sub>eq</sub>	L <sub>max</sub>	L <sub>50</sub>	L <sub>90</sub>
Tuesday, April 2, 2024	0:00	47	60	43	38
Tuesday, April 2, 2024	1:00	46	57	42	36
Tuesday, April 2, 2024	2:00	43	67	40	38
Tuesday, April 2, 2024	3:00	44	61	40	37
Tuesday, April 2, 2024	4:00	45	60	43	40
Tuesday, April 2, 2024	5:00	48	61	46	41
Tuesday, April 2, 2024	6:00	51	67	49	45
Tuesday, April 2, 2024	7:00	53	64	52	48
Tuesday, April 2, 2024	8:00	48	66	48	45
Tuesday, April 2, 2024	9:00	49	60	47	43
Tuesday, April 2, 2024	10:00	48	64	46	42
Tuesday, April 2, 2024	11:00	49	58	48	43
Tuesday, April 2, 2024	12:00	47	60	46	42
Tuesday, April 2, 2024	13:00	47	62	45	41
Tuesday, April 2, 2024	14:00	47	61	45	41
Tuesday, April 2, 2024	15:00	47	59	46	41
Tuesday, April 2, 2024	16:00	51	60	50	46
Tuesday, April 2, 2024	17:00	50	65	50	46
Tuesday, April 2, 2024	18:00	51	69	50	47
Tuesday, April 2, 2024	19:00	50	58	50	47
Tuesday, April 2, 2024	20:00	52	64	51	48
Tuesday, April 2, 2024	21:00	56	70	54	49
Tuesday, April 2, 2024	22:00	53	67	52	48
Tuesday, April 2, 2024	23:00	50	62	47	39



Statistics	Leq	Lmax	L50	L90
Day Average	50	63	48	45
Night Average	47	62	45	40
Day Low	47	58	45	41
Day High	56	70	54	49
Night Low	43	57	40	36
Night High	51	67	52	48
Ldn	54	Day %		79
CNEL	55	Night %		21



**Appendix B2: Continuous Noise Monitoring Results**

Site: LT-2

Project: UC Villages Merced Annexation EIR

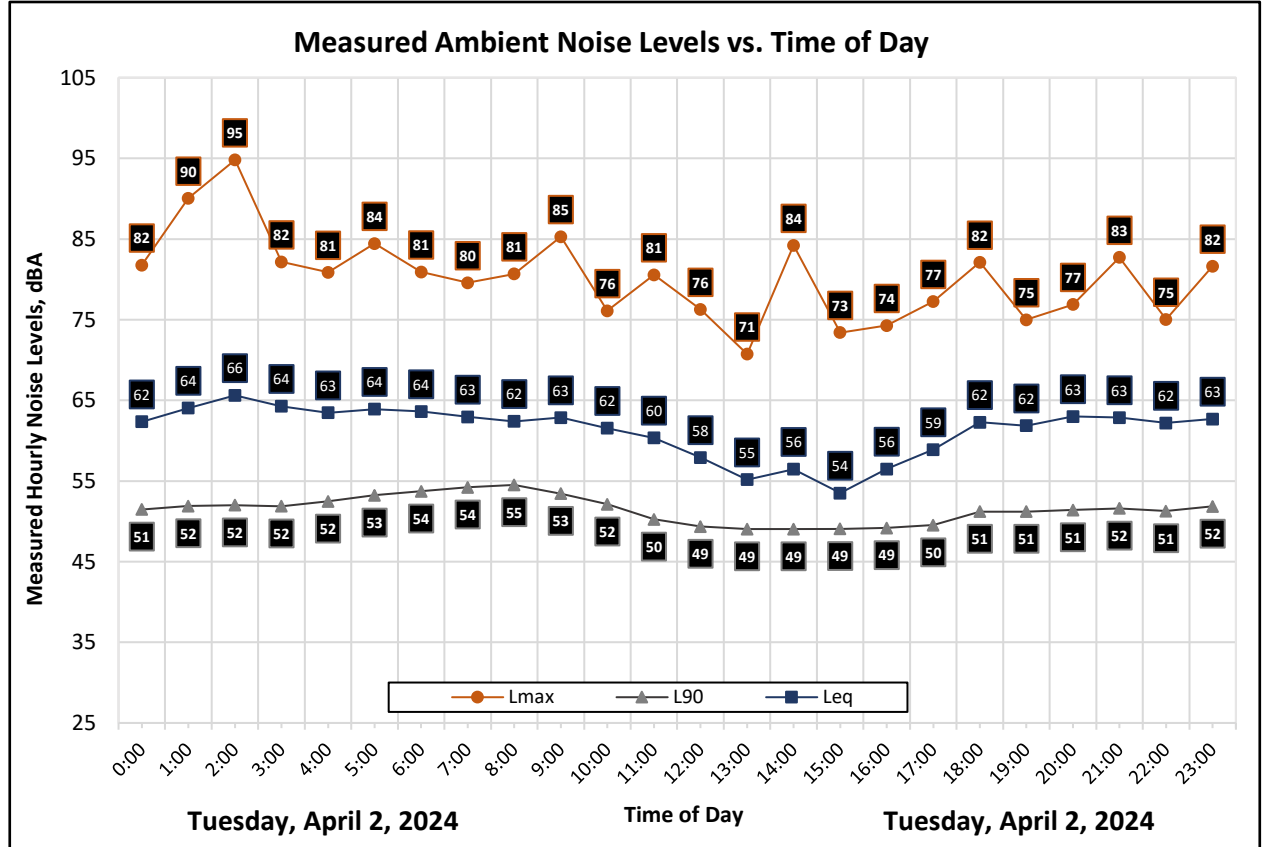
Meter: LDL 820-7

Location: North of Project Site

Calibrator: CAL200

Coordinates: (37.3610634, -120.4331097)

Date	Time	Measured Level, dBA			
		L <sub>eq</sub>	L <sub>max</sub>	L <sub>50</sub>	L <sub>90</sub>
Tuesday, April 2, 2024	0:00	62	82	57	51
Tuesday, April 2, 2024	1:00	64	90	60	52
Tuesday, April 2, 2024	2:00	66	95	60	52
Tuesday, April 2, 2024	3:00	64	82	61	52
Tuesday, April 2, 2024	4:00	63	81	61	52
Tuesday, April 2, 2024	5:00	64	84	62	53
Tuesday, April 2, 2024	6:00	64	81	61	54
Tuesday, April 2, 2024	7:00	63	80	60	54
Tuesday, April 2, 2024	8:00	62	81	60	55
Tuesday, April 2, 2024	9:00	63	85	59	53
Tuesday, April 2, 2024	10:00	62	76	58	52
Tuesday, April 2, 2024	11:00	60	81	55	50
Tuesday, April 2, 2024	12:00	58	76	52	49
Tuesday, April 2, 2024	13:00	55	71	50	49
Tuesday, April 2, 2024	14:00	56	84	50	49
Tuesday, April 2, 2024	15:00	54	73	50	49
Tuesday, April 2, 2024	16:00	56	74	50	49
Tuesday, April 2, 2024	17:00	59	77	52	50
Tuesday, April 2, 2024	18:00	62	82	56	51
Tuesday, April 2, 2024	19:00	62	75	57	51
Tuesday, April 2, 2024	20:00	63	77	59	51
Tuesday, April 2, 2024	21:00	63	83	59	52
Tuesday, April 2, 2024	22:00	62	75	58	51
Tuesday, April 2, 2024	23:00	63	82	59	52



Statistics	Leq	Lmax	L50	L90
Day Average	61	78	55	51
Night Average	64	84	60	52
Day Low	54	71	50	49
Day High	63	85	60	55
Night Low	62	75	57	51
Night High	66	95	62	54
Ldn	69	Day %		48
CNEL	70	Night %		52



**Appendix B3 : Short Term Noise Monitoring Results**

Site: ST-1

Project: UC Villages Annexation EIR

Meter: LDL 830-1

Location: Western Project Site

Calibrator: CAL200

Coordinates: (37.3593381, -120.4360067)

Start: 2024-04-01 15:14:04

Stop: 2024-04-01 15:24:04

SLM: SoundAdvisor™ Model 831C

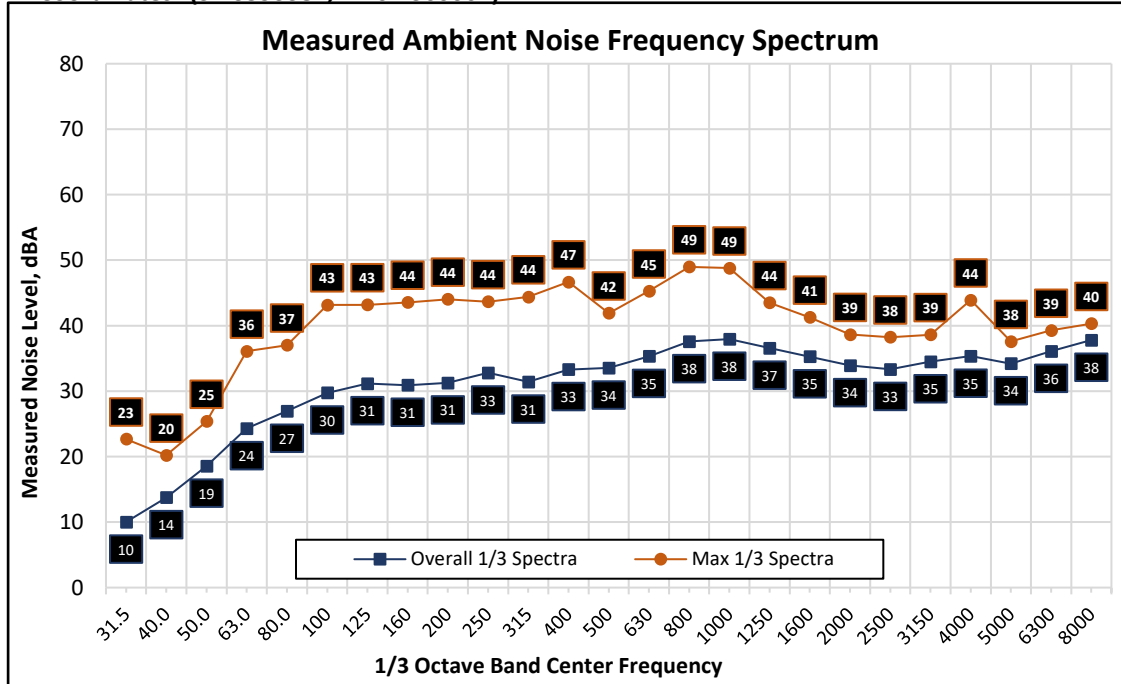
Serial: 11709

**Measurement Results, dBA**

Duration: 0:10  
 L<sub>eq</sub>: 47  
 L<sub>max</sub>: 59  
 L<sub>min</sub>: 37  
 L<sub>50</sub>: 47  
 L<sub>90</sub>: 42

**Notes**

Primary noise sources, helicopters can be heard overhead.  
 Secondary noise sources are natural sounds.



## Appendix C: Traffic Noise Calculation Inputs and Results





**Appendix C-1**

**FHWA-RD-77-108 Highway Traffic Noise Prediction Model**

**Project #:** 231106

**Description:** Existing Traffic

**Ldn/CNEL:** Ldn

**Hard/Soft:** Soft

Segment	Roadway	Segment	ADT	Day %	Eve %	Night %	% Med. Trucks	% Hvy. Trucks	Speed	Distance	Offset (dB)	Contours (ft.) - No			Level, dBA
												Offset			
												60 dBA	65 dBA	70 dBA	
1	Bellevue Road	West of Lake Rd.	8,460	48	0	52	1.0%	1.0%	55	170	-5	335	155	72	59.4
2	Bellevue Road	East of Golf Rd.	8,450	48	0	52	1.0%	1.0%	55	80	0	334	155	72	69.3
3	Bellevue Road	West of Golf Rd.	8,340	48	0	52	1.0%	1.0%	55	270	0	331	154	71	61.3
4	Golf Street	South of Bellevue Rd.	820	79	0	21	1.0%	1.0%	25	180	0	14	7	3	43.4
5	G Street	North of Bellevue Rd.	3,850	79	0	21	1.0%	1.0%	45	125	0	90	42	19	57.8
6	Bellevue Road	West of G St.	6,760	79	0	21	1.0%	1.0%	55	270	0	184	85	40	57.5
7	Bellevue Road	East of G St.	8,370	79	0	21	1.0%	1.0%	55	115	-5	212	98	46	59.0
8	G Street	South of Bellevue Rd.	9,980	79	0	21	1.0%	1.0%	45	70	0	169	78	36	65.7
9	Cardella Road	West of G St.	4,080	79	0	21	1.0%	1.0%	45	60	-5	93	43	20	57.9
10	G Street	South of Cardella Rd.	12,210	79	0	21	1.0%	1.0%	45	110	-5	193	90	42	58.7
11	Yosemite Avenue	West of G St.	18,050	79	0	21	1.0%	1.0%	45	85	0	251	116	54	67.1
12	Yosemite Avenue	East of G St.	15,810	79	0	21	1.0%	1.0%	45	75	0	230	107	49	67.3
13	G Street	South of Yosemite Ave.	15,770	79	0	21	1.0%	1.0%	45	90	-5	229	106	49	61.1
14	G Street	South of Olive Ave.	20,670	79	0	21	1.0%	1.0%	45	110	-5	275	127	59	61.0
15	Olive Street	East of G St.	13,260	79	0	21	1.0%	1.0%	45	50	-5	204	95	44	64.2
16	Olive Street	West of G St.	19,940	79	0	21	1.0%	1.0%	45	135	-5	268	124	58	59.5
17	Cardella Road	West of Lake Rd.	180	79	0	21	1.0%	1.0%	45	80	0	12	5	3	47.4
18	Lake Road	South of Cardella Rd.	7,210	79	0	21	1.0%	1.0%	45	120	0	136	63	29	60.8
19	Lake Road	South of Yosemite Ave.	1,120	79	0	21	1.0%	1.0%	45	480	-5	39	18	8	38.7
20	Yosemite Avenue	East of Lake Rd.	6,770	79	0	21	1.0%	1.0%	45	360	0	130	61	28	53.4
21	Yosemite Avenue	West of Lake Rd.	8,180	79	0	21	1.0%	1.0%	45	85	0	148	69	32	63.6
22	Yosemite Avenue	East of Campus Parkway	1,640	79	0	21	1.0%	1.0%	45	90	0	51	24	11	56.3
23	Campus Parkway	South of Yosemite Ave.	5,360	79	0	21	1.0%	1.0%	45	60	0	112	52	24	64.0
24	Olive Avenue	East of Campus Parkway	1,200	79	0	21	1.0%	1.0%	45	160	-5	41	19	9	46.2
25	Olive Avenue	West of Campus Parkway	4,680	79	0	21	1.0%	1.0%	45	160	-5	102	47	22	52.1
26	Campus Parkway	South of Olive Ave.	8,570	79	0	21	1.0%	1.0%	45	190	0	153	71	33	58.6



**Appendix C-2**

**FHWA-RD-77-108 Highway Traffic Noise Prediction Model**

**Project #:** 231106

**Description:** Existing Plus Project Traffic

**Ldn/CNEL:** Ldn

**Hard/Soft:** Soft

Segment	Roadway	Segment	ADT	Day %	Eve %	Night %	% Med. Trucks	% Hvy. Trucks	Speed	Distance	Offset (dB)	Contours (ft.) - No			Level, dBA
												Offset			
												60 dBA	65 dBA	70 dBA	
1	Bellevue Road	West of Lake Rd.	9,570	48	0	52	1.0%	1.0%	55	170	-5	363	169	78	59.9
2	Bellevue Road	East of Golf Rd.	9,690	48	0	52	1.0%	1.0%	55	80	0	366	170	79	69.9
3	Bellevue Road	West of Golf Rd.	9,570	48	0	52	1.0%	1.0%	55	270	0	363	169	78	61.9
4	Golf Street	South of Bellevue Rd.	820	79	0	21	1.0%	1.0%	25	180	0	14	7	3	43.4
5	G Street	North of Bellevue Rd.	3,850	79	0	21	1.0%	1.0%	45	125	0	90	42	19	57.8
6	Bellevue Road	West of G St.	7,800	79	0	21	1.0%	1.0%	55	270	0	202	94	44	58.1
7	Bellevue Road	East of G St.	9,610	79	0	21	1.0%	1.0%	55	115	-5	232	108	50	59.6
8	G Street	South of Bellevue Rd.	10,180	79	0	21	1.0%	1.0%	45	70	0	171	79	37	65.8
9	Cardella Road	West of G St.	4,280	79	0	21	1.0%	1.0%	45	60	-5	96	45	21	58.1
10	G Street	South of Cardella Rd.	12,210	79	0	21	1.0%	1.0%	45	110	-5	193	90	42	58.7
11	Yosemite Avenue	West of G St.	18,260	79	0	21	1.0%	1.0%	45	85	0	253	117	54	67.1
12	Yosemite Avenue	East of G St.	18,000	79	0	21	1.0%	1.0%	45	75	0	250	116	54	67.9
13	G Street	South of Yosemite Ave.	16,390	79	0	21	1.0%	1.0%	45	90	-5	235	109	51	61.3
14	G Street	South of Olive Ave.	21,080	79	0	21	1.0%	1.0%	45	110	-5	278	129	60	61.0
15	Olive Street	East of G St.	13,260	79	0	21	1.0%	1.0%	45	50	-5	204	95	44	64.2
16	Olive Street	West of G St.	20,150	79	0	21	1.0%	1.0%	45	135	-5	270	125	58	59.5
17	Cardella Road	West of Lake Rd.	180	79	0	21	1.0%	1.0%	45	80	0	12	5	3	47.4
18	Lake Road	South of Cardella Rd.	8,850	79	0	21	1.0%	1.0%	45	120	0	156	72	34	61.7
19	Lake Road	South of Yosemite Ave.	1,120	79	0	21	1.0%	1.0%	45	480	-5	39	18	8	38.7
20	Yosemite Avenue	East of Lake Rd.	7,390	79	0	21	1.0%	1.0%	45	360	0	138	64	30	53.8
21	Yosemite Avenue	West of Lake Rd.	9,210	79	0	21	1.0%	1.0%	45	85	0	160	74	35	64.1
22	Yosemite Avenue	East of Campus Parkway	1,640	79	0	21	1.0%	1.0%	45	90	0	51	24	11	56.3
23	Campus Parkway	South of Yosemite Ave.	5,980	79	0	21	1.0%	1.0%	45	60	0	120	56	26	64.5
24	Olive Avenue	East of Campus Parkway	1,200	79	0	21	1.0%	1.0%	45	160	-5	41	19	9	46.2
25	Olive Avenue	West of Campus Parkway	4,680	79	0	21	1.0%	1.0%	45	160	-5	102	47	22	52.1
26	Campus Parkway	South of Olive Ave.	9,190	79	0	21	1.0%	1.0%	45	190	0	160	74	34	58.9



**Appendix C-3**

**FHWA-RD-77-108 Highway Traffic Noise Prediction Model**

**Project #:** 231106

**Description:** Cumulative Traffic

**Ldn/CNEL:** Ldn

**Hard/Soft:** Soft

Segment	Roadway	Segment	ADT	Day %	Eve %	Night %	% Med. Trucks	% Hvy. Trucks	Speed	Distance	Offset (dB)	Contours (ft.) - No			Level, dBA
												Offset			
												60 dBA	65 dBA	70 dBA	
1	Bellevue Road	West of Lake Rd.	11,610	48	0	52	1.0%	1.0%	55	170	-5	413	192	89	60.8
2	Bellevue Road	East of Golf Rd.	11,600	48	0	52	1.0%	1.0%	55	80	0	413	192	89	70.7
3	Bellevue Road	West of Golf Rd.	11,430	48	0	52	1.0%	1.0%	55	270	0	409	190	88	62.7
4	Golf Street	South of Bellevue Rd.	1,130	79	0	21	1.0%	1.0%	25	180	0	17	8	4	44.8
5	G Street	North of Bellevue Rd.	5,280	79	0	21	1.0%	1.0%	45	125	0	111	51	24	59.2
6	Bellevue Road	West of G St.	9,280	79	0	21	1.0%	1.0%	55	270	0	227	105	49	58.9
7	Bellevue Road	East of G St.	11,500	79	0	21	1.0%	1.0%	55	115	-5	262	121	56	60.4
8	G Street	South of Bellevue Rd.	13,700	79	0	21	1.0%	1.0%	45	70	0	209	97	45	67.1
9	Cardella Road	West of G St.	5,600	79	0	21	1.0%	1.0%	45	60	-5	115	53	25	59.2
10	G Street	South of Cardella Rd.	16,750	79	0	21	1.0%	1.0%	45	110	-5	239	111	51	60.0
11	Yosemite Avenue	West of G St.	24,780	79	0	21	1.0%	1.0%	45	85	0	310	144	67	68.4
12	Yosemite Avenue	East of G St.	23,570	79	0	21	1.0%	1.0%	45	75	0	300	139	65	69.0
13	G Street	South of Yosemite Ave.	21,650	79	0	21	1.0%	1.0%	45	90	-5	283	131	61	62.5
14	G Street	South of Olive Ave.	28,370	79	0	21	1.0%	1.0%	45	110	-5	339	157	73	62.3
15	Olive Street	East of G St.	18,200	79	0	21	1.0%	1.0%	45	50	-5	252	117	54	65.5
16	Olive Street	West of G St.	27,370	79	0	21	1.0%	1.0%	45	135	-5	331	154	71	60.8
17	Cardella Road	West of Lake Rd.	240	79	0	21	1.0%	1.0%	45	80	0	14	7	3	48.7
18	Lake Road	South of Cardella Rd.	9,890	79	0	21	1.0%	1.0%	45	120	0	168	78	36	62.2
19	Lake Road	South of Yosemite Ave.	1,540	79	0	21	1.0%	1.0%	45	480	-5	49	23	10	40.1
20	Yosemite Avenue	East of Lake Rd.	9,270	79	0	21	1.0%	1.0%	45	360	0	161	75	35	54.8
21	Yosemite Avenue	West of Lake Rd.	11,230	79	0	21	1.0%	1.0%	45	85	0	183	85	39	65.0
22	Yosemite Avenue	East of Campus Parkway	2,260	79	0	21	1.0%	1.0%	45	90	0	63	29	14	57.7
23	Campus Parkway	South of Yosemite Ave.	7,360	79	0	21	1.0%	1.0%	45	60	0	138	64	30	65.4
24	Olive Avenue	East of Campus Parkway	1,630	79	0	21	1.0%	1.0%	45	160	-5	51	23	11	47.5
25	Olive Avenue	West of Campus Parkway	6,420	79	0	21	1.0%	1.0%	45	160	-5	126	58	27	53.4
26	Campus Parkway	South of Olive Ave.	11,750	79	0	21	1.0%	1.0%	45	190	0	188	87	41	59.9



**Appendix C-4**

**FHWA-RD-77-108 Highway Traffic Noise Prediction Model**

**Project #:** 231106

**Description:** Cumulative Plus Project Traffic

**Ldn/CNEL:** Ldn

**Hard/Soft:** Soft

Segment	Roadway	Segment	ADT	Day %	Eve %	Night %	% Med. Trucks	% Hvy. Trucks	Speed	Distance	Offset (dB)	Contours (ft.) - No			Level, dBA
												Offset			
												60 dBA	65 dBA	70 dBA	
1	Bellevue Road	West of Lake Rd.	12,520	48	0	52	1.0%	1.0%	55	170	-5	434	202	94	61.1
2	Bellevue Road	East of Golf Rd.	12,840	48	0	52	1.0%	1.0%	55	80	0	442	205	95	71.1
3	Bellevue Road	West of Golf Rd.	12,670	48	0	52	1.0%	1.0%	55	270	0	438	203	94	63.2
4	Golf Street	South of Bellevue Rd.	1,130	79	0	21	1.0%	1.0%	25	180	0	17	8	4	44.8
5	G Street	North of Bellevue Rd.	5,280	79	0	21	1.0%	1.0%	45	125	0	111	51	24	59.2
6	Bellevue Road	West of G St.	10,310	79	0	21	1.0%	1.0%	55	270	0	243	113	52	59.3
7	Bellevue Road	East of G St.	12,740	79	0	21	1.0%	1.0%	55	115	-5	280	130	60	60.8
8	G Street	South of Bellevue Rd.	13,910	79	0	21	1.0%	1.0%	45	70	0	211	98	45	67.2
9	Cardella Road	West of G St.	5,810	79	0	21	1.0%	1.0%	45	60	-5	118	55	25	59.4
10	G Street	South of Cardella Rd.	16,750	79	0	21	1.0%	1.0%	45	110	-5	239	111	51	60.0
11	Yosemite Avenue	West of G St.	24,990	79	0	21	1.0%	1.0%	45	85	0	312	145	67	68.5
12	Yosemite Avenue	East of G St.	24,400	79	0	21	1.0%	1.0%	45	75	0	307	142	66	69.2
13	G Street	South of Yosemite Ave.	22,270	79	0	21	1.0%	1.0%	45	90	-5	289	134	62	62.6
14	G Street	South of Olive Ave.	28,780	79	0	21	1.0%	1.0%	45	110	-5	342	159	74	62.4
15	Olive Street	East of G St.	18,200	79	0	21	1.0%	1.0%	45	50	-5	252	117	54	65.5
16	Olive Street	West of G St.	27,580	79	0	21	1.0%	1.0%	45	135	-5	333	154	72	60.9
17	Cardella Road	West of Lake Rd.	240	79	0	21	1.0%	1.0%	45	80	0	14	7	3	48.7
18	Lake Road	South of Cardella Rd.	11,540	79	0	21	1.0%	1.0%	45	120	0	186	86	40	62.9
19	Lake Road	South of Yosemite Ave.	1,540	79	0	21	1.0%	1.0%	45	480	-5	49	23	10	40.1
20	Yosemite Avenue	East of Lake Rd.	9,890	79	0	21	1.0%	1.0%	45	360	0	168	78	36	55.0
21	Yosemite Avenue	West of Lake Rd.	12,270	79	0	21	1.0%	1.0%	45	85	0	194	90	42	65.4
22	Yosemite Avenue	East of Campus Parkway	2,260	79	0	21	1.0%	1.0%	45	90	0	63	29	14	57.7
23	Campus Parkway	South of Yosemite Ave.	7,980	79	0	21	1.0%	1.0%	45	60	0	146	68	31	65.8
24	Olive Avenue	East of Campus Parkway	1,630	79	0	21	1.0%	1.0%	45	160	-5	51	23	11	47.5
25	Olive Avenue	West of Campus Parkway	6,420	79	0	21	1.0%	1.0%	45	160	-5	126	58	27	53.4
26	Campus Parkway	South of Olive Ave.	12,370	79	0	21	1.0%	1.0%	45	190	0	195	91	42	60.2

